

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$800,400
Interior Architecture		\$638,100
Total		\$1,438,400
Importance Code A		\$800,400
Importance Code B		\$532,500
Importance Code C		\$105,600
Total		\$1,438,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$26,300			\$9,300
Interior Architecture	\$19,400			\$19,400
Electrical	\$700	\$700	\$2,400	\$900
Mechanical	\$100	\$300	\$100	\$300
Total	\$46,400	\$900	\$2,500	\$29,800
Importance Code A	\$26,300	\$100		\$9,500
Importance Code B	\$20,100	\$800	\$2,500	\$20,300
Total	\$46,400	\$900	\$2,500	\$29,800



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

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

Asset # : 14223

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

Exterior

Exterior Walls

Exposed Struc: Steel	45%			LIFE	**	5	\$349,100	
Metal/Glass Curt Wall	17%			LIFE	**	5	\$79,100	
Metal Panel	30%	4+	\$10,700	2052	**	5	\$139,700	

Deteriorated Finish, Extent : Light, Area Affected : 25%

Location : Throughout

Window Wall	2%			2052	**	5	\$18,600	
Wood	6%	4+	\$15,600	2043	**	5	\$37,200	

Deteriorated Finish, Extent : Moderate, Area Affected : 100%

Location : Ticket Booth Facade

Windows

Aluminum	100%			2048	**	5		
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Roof

Single Ply Membrane	92%			2034	**	10	\$195,200	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout

Explanation : Light Weight Fabric Structure

Not Accessible	8%							
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Other Observation, Extent : Light, Area Affected : 0%

Location :

Explanation : Roof Atop Ticket Booth - Inaccessible

assume Concrete Deck

Interior

Floors

Cast in Place Concrete	50%			LIFE	**	5	\$338,900	
Vinyl Tile	50%			2034	**	3	\$77,500	

Interior Walls

Concrete Masonry Unit	50%			LIFE	**	5	\$42,200	
Gypsum Board	50%			LIFE	**	5	\$63,300	

Ceilings

Exposed Struc: Steel	50%			LIFE	**			
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Other Observation, Extent : Light, Area Affected : 100%

Location : Mechanical Room

Explanation : Metal Decking

Gypsum Board	50%			LIFE	**	5	\$193,600	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2052	**	5	\$200	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 400 Amperes

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

Asset # : 14223

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

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

Asset # : 14223

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	15%			2052	**	1		
	No Component	85%							
	Conversion Equipment								
	Heat Pump Air Sourced	10%			2030	**	2	\$200	
	Radiant Heater	5%			2034	**	2	\$200	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Utility Room							
		Explanation : 1 Unit							
	No Component	85%							
	Terminal Devices								
	Fan Coil Unit/Heat	10%			2034	**	1	\$300	
	No Component	90%							
Air Conditioning									
	Energy Source								
	Electricity	10%			2048	**	1		
	No Component	90%							
	Conversion Equipment								
	Heat Pump Air Sourced	10%			2030	**	2		
		R-134a Refrigerant, Extent : Light, Area Affected : 10%							
		Location : Ticket Office Roof							
	No Component	90%							
	Terminal Devices								
	Fan Coil - 4 Pipe	10%			2034	**	1	\$300	
	No Component	90%							
	Heat Rejection								
	Air Cooled Condenser Unit	10%			2034	**	2	\$500	
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	10%			LIFE	**	2-5	\$400	
	No Component	90%							
	Exhaust Fans								
	Roof	10%			2034	**	2		
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	10%			2052	**	1		
	No Component	90%							
	Water Heater								
	Not Accessible	100%							
	Sanitary Piping								
	Cast Iron	10%			LIFE	**	1		
	No Component	90%							

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

Asset # : 14223

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2034	* *	1	\$100	
Fixtures									
	Generic	100%							

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL
Address : 1 RICHMOND TERRACE @ BAY ST.
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0109.000 / 2420 **Yr Built/Renovated** : 1950 / 2013
Area Sq Ft : 279,135 **Project Type** : FERRIES
Date of Survey : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2 **Lot** : 1 **BIN** : 5141706

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$733,000	\$1,826,700
Interior Architecture	\$931,200	\$538,000
Electrical	\$166,400	\$252,900
Mechanical	\$36,500	\$1,326,100
Total	\$1,867,100	\$3,943,700
Importance Code A	\$733,000	\$1,826,700
Importance Code B	\$1,134,100	\$2,117,000
Total	\$1,867,100	\$3,943,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$69,100			\$4,400
Interior Architecture	\$32,700	\$19,700		
Electrical	\$39,800	\$27,200	\$45,700	\$37,900
Mechanical	\$145,600	\$89,000	\$163,700	\$107,200
Elevators/Escalators	\$15,200	\$15,200	\$15,200	\$15,200
Total	\$302,400	\$151,200	\$224,600	\$164,700
Importance Code A	\$84,400	\$12,400	\$18,700	\$17,100
Importance Code B	\$218,000	\$122,100	\$206,000	\$147,500
Importance Code C		\$16,700		
Total	\$302,400	\$151,200	\$224,600	\$164,700



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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Glass Block	1%			LIFE	**	5	\$1,800	
	Masonry: Brick	30%			LIFE	**	5	\$88,400	
	Metal, Corrugated	30%			2046	**	1		
	Metal/Glass Curt Wall	25%			LIFE	**	5	\$138,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%									
Location : Restaurant On First Floor									
	Metal Panel	10%			2046	**	5-10	\$202,500	
	Metal Coiling Doors	4%			2039	**	5	\$36,800	
Windows									
	Aluminum	80%			2042	**	5	\$8,800	
	Metal Louvers	15%			2035	**	10	\$10,300	
	Steel	5%	Now	\$14,300	2048	**	5	\$3,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%									
Location : Bulkheads									
Thermally Inefficient, Extent : Moderate, Area Affected : 50%									
Location : Slips									
Parapets									
	Masonry: Brick	20%			LIFE	**	5	\$3,400	
	Metal Panel	10%	4+	\$12,900	2046	**	5	\$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : West Slip									
	Metal Rail	70%			2039	**	5-10	\$212,800	
Roof									
	Asphalt Macadam	15%	Now	\$23,400	2021	\$234,400	5	\$22,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Bus Lane Above Main Concourse									
Patching Evident, Extent : Moderate, Area Affected : 30%									
Location : Bus Lane Above Main Concourse									
	Cast in Place Concrete	10%			LIFE	**			
	Metal Panel	15%			2039	**	10	\$125,900	
	Modified Bitumen	40%	Now	\$106,400	2026	\$1,064,300			
Blisters, Extent : Moderate, Area Affected : 15%									
Location : Over Retail On First Floor									
Ponding, Extent : Moderate, Area Affected : 15%									
Location : Over Retail On First Floor									
	Paver: Asphalt	10%	Now	\$81,900	2035	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Over First Floor Corridor									
Vegetation Growth, Extent : Moderate, Area Affected : 15%									
Location : Over First Floor Corridor									
	Sloped Glazing	5%			LIFE	**	5	\$305,100	
	Not Accessible	5%							
Other Observation, Extent : Light, Area Affected : 0%									
Location : Fuel Service/ Oil Room Wing									
Explanation : This Is A New Green Roof Covered With Tall Grassy Vegetation									

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

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Cast in Place Concrete	20%			LIFE	**	5	\$106,800		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : At Slips								
	Explanation : Movable Steel Ferry Boarding Bridges And Gallows Not Included In This Survey								
Ceramic Tile	60%	0-2	\$850,000	2035	**	5	\$73,200		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Concourses								
	Other Observation, Extent : Light, Area Affected : 75%								
	Location : Concourses								
	Explanation : Laid Over Old Terrazzo Flooring								
Steel Grating	5%			2052	**	1			
Terrazzo	3%			LIFE	**	5	\$5,700		
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Main Waiting Room								
	Explanation : Inlaid Harbor Map								
Terrazzo	2%	Now	\$22,700	LIFE	**	5	\$3,800		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 80%								
	Location : Train Turnstile Entrance Area								
	Worn/Eroded, Extent : Moderate, Area Affected : 80%								
	Location : Train Turnstile Entrance Area								
Vinyl Tile	10%			2026		3	\$9,200		
Interior Walls									
Ceramic Tile	20%			2035	**	5	\$33,400		
Concrete Masonry Unit	15%			LIFE	**	5	\$10,000		
Glass: Special Gauge	10%			LIFE	**	1			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Ferry Waiting Room								
	Explanation : Double Glazed Glass Enclosure And Sliding Boarding Doors								
Gypsum Board	30%			LIFE	**	5	\$30,000		
SGFT/Glazed Masonry	25%			LIFE	**				
Ceilings									
AcousTileSusp.Lay-In	10%			2039	**	5	\$20,100		
Exposed Concrete	20%			LIFE	**	5	\$6,300		
Exposed Struc: Steel	10%			LIFE	**				
Gypsum Board	40%	Now	\$81,200	LIFE	**	5	\$100,500		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Main Concourse And Retail								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Main Concourse And Retail								
Metal Panel	20%			LIFE	**	5	\$50,300		

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts									
Service Equipment									
	Air Circuit Breaker	100%			2046	**	3	\$1,400	
Transformers									
	Dry Type	100%			2039	**	3	\$1,500	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : Two 2000 Kva 4160 Volts To 120/208 Volts									
Feeders									
	Cable	100%			2042	**	1		
Raceway									
	Conduit	90%			2046	**	1		
	Tray	10%			2039	**	1		
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2046	**	5	\$7,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : Six 4000 Amperes, Four 3200 Amperes And Two 2000 Amperes Main Disconnect Switch For Tenant Spaces									
Switchgear / Switchboard									
	Fused Disc Sw	20%			2046	**	5	\$200	
	Molded Case Bkrs	80%			2046	**	5	\$5,900	
Raceway									
	Conduit	90%			2046	**	1		
	Tray	10%			2039	**	1		
Panelboards									
	Fused Disc Sw	10%			2042	**	5	\$600	
	Molded Case Bkrs	90%			2042	**	5	\$6,600	
Wiring									
	Thermoplastic	100%			2046	**	1		
Motor Controllers									
	Locally Mounted	50%			2039	**	5	\$900	
	Motor Control Center	50%			2039	**	5	\$3,800	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Mechanical Room									
Explanation : All Motor Controlled Via Variable Frequency Drives And Connected To Building Management System									
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$4,100	
Stand-by Power									
Transfer Switches									
	Automatic	50%			2039	**	1	\$42,900	
	Automatic	50%			2046	**	1	\$42,900	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Exterior Lighting								
	Fluorescent	5%			2031	* *	10	\$1,300	
				Compact Fluorescent Light, Extent : Light, Area Affected : 100%					
				Location : Pedestrian Ramp					
	HID	95%			2031	* *	10	\$800	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Exterior					
				Explanation : Controlled Via Photocell					
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2026	\$252,900	1	\$31,300	
	Fire/Smoke Detection								
	No Component	70%							
	Generic	30%			2031	* *	1-3	\$53,200	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2046	* *	1		
	Conversion Equipment								
	Hot Water Boiler	90%			2039	* *	1	\$124,200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room					
				Explanation : 3 Units					
	Radiant Heater	10%			2031	* *	2	\$12,900	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Concourse					
				Explanation : Gas Fired Radiant Heaters In Ceiling					
	Distribution								
	Hot Wtr Piping/Pump	100%			2042	* *	4	\$13,800	
	Terminal Devices								
	Air Handler	50%			2031	* *	1	\$86,300	
	Convactor/Radiator	35%			2039	* *	1	\$31,600	
	Unit Heater - Steam	15%			2031	* *	4	\$5,700	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		

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

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Absorption Chiller/Direct Fire	95%			2031	**	1	\$287,000	
		Other Observation, Extent : Light, Area Affected : 100% Location : Mechanical Room Explanation : 2 Units - Lithium Bromide Refrigerant							
	Split Unit	5%			2034	**			
Distribution									
	CW & CHW Wtr Pipe/Pump	100%			2046	**	4	\$13,800	
Terminal Devices									
	Air Handler/Cool/Ht	100%			2031	**	1	\$172,600	
Heat Rejection									
	Water Cooling Tower	100%	4+	\$19,800	2027	\$990,500	2	\$224,700	
		Damaged, Extent : Light, Area Affected : 5% Location : Rooftop Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 4 Cooling Towers Service Both Chillers							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$155,600	
		Dented, Extent : Light, Area Affected : 10% Location : 2nd Floor Return Air Not Insulated, Extent : Light, Area Affected : 10% Location : Indoor Ceiling							
Exhaust Fans									
	Interior	60%			2031	**	2	\$5,100	
	Roof	40%			2026	\$30,200	2	\$3,400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	**	1		
Water Heater									
	Electric	100%			2024	\$229,900	4	\$2,400	
		Other Observation, Extent : Light, Area Affected : 100% Location : Various Locations Explanation : 5 Small Units							
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%	4+	\$27,200	LIFE	**	1		
		Blockage /Clogged, Extent : Light, Area Affected : 10% Location : Roof							
Sewage Ejector(s)									
	Electric	100%			2031	**	4	\$16,700	
Backflow Preventer									
	Generic	100%			2031	**	1	\$17,100	

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1st to 2nd Floor							
	Explanation : Three Units, Two Passenger, One Freight							
Escalators								
Under 20' Rise	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1st to 2nd Floor							
	Explanation : One Unit							
Fire Suppression								
Standpipe								
Generic	100%			2046		**	1-5	\$146,000
Sprinkler								
Generic	100%			2046		**	1-2	\$78,200

*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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : VESSEL MAINTENANCE FACILITY
Address : 1 BAY STREET @ FERRY TERMINAL
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0141.000 / 4379 **Yr Built/Renovated** : 1992 /
Area Sq Ft : 85,000 **Project Type** : FERRIES
Date of Survey : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3
Block : 1 **Lot** : 70 **BIN** : 5132949

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$285,800
Interior Architecture	\$131,300	\$174,700
Electrical		\$537,400
Mechanical	\$721,500	\$2,007,400
Total	\$852,800	\$3,005,300
Importance Code A		\$313,300
Importance Code B	\$852,800	\$2,692,000
Total	\$852,800	\$3,005,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$50,900		\$53,600	
Interior Architecture	\$6,500	\$4,000		\$3,600
Electrical	\$2,700	\$1,900	\$2,600	\$1,600
Mechanical	\$8,000	\$15,800	\$51,500	\$14,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$76,000	\$29,600	\$115,600	\$27,300
Importance Code A	\$54,600	\$3,800	\$57,600	\$3,800
Importance Code B	\$19,400	\$24,700	\$58,000	\$23,500
Importance Code C	\$1,900	\$1,200		
Total	\$76,000	\$29,600	\$115,600	\$27,300



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

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

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

Interior

Interior Walls

Ceramic Tile	5%			2035	**	5	\$2,300	
Concrete Masonry Unit	85%			LIFE	**	5	\$15,800	
Gypsum Board	10%	2-4	\$1,900	LIFE	**	5	\$2,800	

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

Location : Throughout

Ceilings

AcousTileSusp.Lay-In	25%	0-2	\$4,600	2039	**	5	\$14,300	
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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 Concrete	65%			LIFE	**	5	\$11,600	
Gypsum Board	10%			LIFE	**	5	\$14,300	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	80%			2036	**	5	\$300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Electrical Room

Explanation : One 4000 Amperes Main Disconnect Switch

Photovoltaic Panel(s)	20%			2029	**	1		
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Transformers

Dry Type	100%			2031	**	5	\$300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Electrical Room

Explanation : One 15 Kva 480hv-208y/120 Kva

Switchgear / Switchboard

Fused Disc Sw	100%			2036	**	5	\$400	
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Raceway

Conduit	100%			2036	**	1		
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Panelboards

Fused Disc Sw	10%			2034	**	5	\$200	
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Molded Case Bkrs	90%			2034	**	5	\$2,000	
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Wiring

Thermoplastic	100%			2036	**	1		
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Motor Controllers

Locally Mounted	100%			2031	**	5	\$600	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$1,200	
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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
VESSEL MAINTENANCE FACILITY
Asset # : 4379

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

Lighting

Interior Lighting	Fluorescent	70%			2034	* *	10	\$48,900	
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T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%

Location : Throughout

	HID	30%			2026	\$155,600	10	\$700	
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Egress Lighting

	Emergency, Battery	50%			2026	\$51,300	10	\$9,200	
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	Exit, Battery	50%			2026	\$17,500	10	\$2,600	
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Exterior Lighting

	Fluorescent	20%			2026	\$54,400	10	\$1,600	
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T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%

Location : Entrance

	HID	80%			2031	* *	10	\$200	
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Alarm**Security System**

	No Component	80%							
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	Generic	20%			2026	\$51,300	1	\$6,400	
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Fire/Smoke Detection

	No Component	80%							
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	Generic, Digital	20%			2026	\$175,800	1-3	\$10,500	
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Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating**Energy Source**

	Natural Gas	100%			2052	* *	1		
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Conversion Equipment

	Furnace	70%			2034	* *	1	\$26,400	
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	Hot Water Boiler	5%			2024	\$27,500	1	\$1,900	
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On Extended Life, Extent : Light, Area Affected : 100%

Location : 1st Floor

Recent Repair Evident, Extent : Light, Area Affected : 100%

Location : 1st Floor

	Hot Water Boiler	25%			2043	* *	1	\$9,400	
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Distribution

	Hot Wtr Piping/Pump	100%			2048	* *	4	\$5,600	
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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
VESSEL MAINTENANCE FACILITY
Asset # : 4379

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	60%	Now	\$120,200	2021	\$601,200	1	\$25,500	
		Abandoned in Place, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Broken, Extent : Moderate, Area Affected : 10%							
		Location : Air Handler Broken On 1st Floor							
	Fan Coil Unit/Heat	40%			2026	\$426,900	1	\$9,900	
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	**	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	20%			2026	\$115,400	2	\$900	
	Split Unit	70%			2031	**			
	Window/Wall Unit	10%			2024	\$14,900	1		
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$99,200	
	Dehumidifier								
	Not Accessible	100%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$42,500	
	Exhaust Fans								
	Roof	60%			2026	\$71,000	2	\$1,400	
	Wall Unit	40%			2031	**	2	\$900	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2024	\$312,700	1		
	Water Heater								
	Oil Fired	100%			2024	\$59,200	1	\$2,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 117 Gallons							
	HW Heat Exchanger								
	HTHW/HW	100%			2046	**			
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sewage Ejector(s)								
	Electric	100%			2026	\$22,900	4	\$3,400	
	Fixtures								
	Generic	100%							
Vertical Transport									

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1st to 3rd Floor									
Explanation : Two Units - One Passenger, One Freight									
Fire Suppression									
Standpipe									
	Generic	100%			2026	\$297,000	1-5	\$38,400	
Sprinkler									
	Generic	100%			2026	\$697,800	1-2	\$21,300	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WEST MIDTOWN FERRY TERMINAL / PIER 79
Address : HUDSON RIVER AT 39 STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0214.000 / 14635 **Yr Built/Renovated** : 2005 /
Area Sq Ft : 20,200 **Project Type** : FERRIES
Date of Survey : 19-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 665 **Lot** : 14 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$646,900	\$1,389,500
Interior Architecture	\$313,000	\$415,000
Total	\$959,900	\$1,804,500
Importance Code A	\$646,900	\$1,389,500
Importance Code B	\$313,000	\$351,600
Importance Code C		\$63,300
Total	\$959,900	\$1,804,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,500			
Interior Architecture	\$63,400			\$58,100
Electrical	\$4,400	\$4,900	\$21,200	\$3,500
Mechanical	\$900	\$1,500	\$2,500	\$1,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$88,100	\$10,400	\$27,600	\$67,000
Importance Code A	\$15,500			
Importance Code B	\$67,300	\$10,400	\$27,600	\$67,000
Importance Code C	\$5,300			
Total	\$88,100	\$10,400	\$27,600	\$67,000



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

DEPARTMENT OF TRANSPORTATION - 841
WEST MIDTOWN FERRY TERMINAL / PIER 79

Asset # : 14635

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

Exterior

Exterior Walls

Metal Panel	13%			2052	**	5-10	\$221,900	
Metal Coiling Doors	2%			2043	**	5	\$15,500	
Stucco Cement	5%			2039	**	5	\$31,000	
Window Wall	80%			2052	**	5	\$744,800	

Parapets

Metal Rail	100%			2043	**	5-10	\$843,400	
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Roof

Cast in Place Concrete	20%			LIFE	**			
Spray-on Foam	80%			2031	**	5	\$226,300	

Interior

Floors

Carpet	35%			2025	\$1,381,800	3	\$216,900	
Cast in Place Concrete	5%			LIFE	**	5	\$33,900	
Ceramic Tile	50%	Now	\$149,900	2035	**	5	\$77,500	

Cracking/Crumbling, Extent : Severe, Area Affected : 40%

Location : Throughout

Poor Subfloor Evident, Extent : Severe, Area Affected : 75%

Location : Throughout

Vinyl Tile	10%			2031	**	3	\$15,500	
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Interior Walls

Ceramic Tile	5%			2039	**	5	\$10,600	
Concrete Masonry Unit	5%			LIFE	**	5	\$4,200	
Glass: Single Pane	40%			LIFE	**	5	\$63,300	
Gypsum Board	10%			LIFE	**	5	\$12,700	
Metal Panel	40%			LIFE	**			

Ceilings

AcousTileSusp.Lay-In	10%			2043	**	5	\$31,000	
Embossed Metal	30%	Now	\$163,100	LIFE	**	5	\$41,800	

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

Location : Throughout

Gypsum Board	60%			LIFE	**	5	\$232,400	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2046	**	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 4000 Amperes Main Dfdisconnect Switch

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
WEST MIDTOWN FERRY TERMINAL / PIER 79

Asset # : 14635

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

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

DEPARTMENT OF TRANSPORTATION - 841
WEST MIDTOWN FERRY TERMINAL / PIER 79

Asset # : 14635

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Exterior Lighting								
	Fluorescent	20%			2031	* *	10	\$400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Walkway Shade							
		Explanation : T-8 Lamps							
	HID	80%			2031	* *	10		
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2054	* *	5	\$600	
Alarm									
	Security System								
	No Component	30%							
	Generic	70%			2031	* *	1	\$5,300	
	Fire/Smoke Detection								
	Generic, Analog	100%			2031	* *	1-3	\$12,800	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2052	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2048	* *	1		
	Conversion Equipment								
	Ext Pkg Unit -	100%			2034	* *	2	\$1,200	
	Heating/Cooling								
		R-22 Refrigerant, Extent : Moderate, Area Affected : 100%							
		Location : Roof, AC Units							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 5 Units Provide Heating Through Built In Gas Furnace							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,300	
	Exhaust Fans								
	Roof	15%			2034	* *	2	\$100	
	No Component	85%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Roof							
		Explanation : Ventilation Process Through A C Units							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2052	* *	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.

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

DEPARTMENT OF TRANSPORTATION - 841
WEST MIDTOWN FERRY TERMINAL / PIER 79

Asset # : 14635

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Electric	100%			2025	\$16,600	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2034	* *	1	\$1,200	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st : 2nd Floor								
	Explanation : One Unit								
Fire Suppression									
	Sprinkler								
	Generic	100%			2052	* *	1-2	\$5,700	
	Fire Pump								
	Generic	100%			2039	* *	1	\$3,800	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WHITEHALL FERRY TERMINAL
Address : SOUTH AND WHITEHALL STS @ PETER MINUIT PLAZA
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0106.000 / 2418 **Yr Built/Renovated** : 2005 /
Area Sq Ft : 206,998 **Project Type** : FERRIES
Date of Survey : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3
Block : 2 **Lot** : 1 **BIN** : 1085792

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$349,100	\$1,261,500
Interior Architecture		\$556,600
Electrical	\$132,900	
Mechanical	\$3,205,700	\$6,813,000
Total	\$3,687,700	\$8,631,000
Importance Code A	\$349,100	\$1,604,500
Importance Code B	\$3,338,600	\$6,975,800
Importance Code C		\$50,700
Total	\$3,687,700	\$8,631,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,700		\$4,500	
Interior Architecture	\$20,600	\$23,200		\$209,000
Electrical	\$32,700	\$30,200	\$31,400	\$34,000
Mechanical	\$47,100	\$114,300	\$111,900	\$128,600
Elevators/Escalators	\$32,600	\$32,600	\$32,600	\$32,600
Total	\$152,700	\$200,300	\$180,400	\$404,200
Importance Code A	\$29,000	\$11,100	\$14,200	\$11,100
Importance Code B	\$117,900	\$189,200	\$166,300	\$393,100
Importance Code C	\$5,800			
Total	\$152,700	\$200,300	\$180,400	\$404,200



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
WHITEHALL FERRY TERMINAL
Asset # : 2418

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	10%			LIFE	**	5	\$15,500	
	Metal, Corrugated	10%			2046	**	1		
	Metal Panel	20%			2046	**	5-10	\$341,400	
	Pre-Cast Concrete	5%			LIFE	**	5	\$40,300	
	Window Wall	55%			2046	**	5	\$512,100	
Parapets									
	Concrete Masonry Unit	10%			LIFE	**	5	\$5,300	
	Metal Panel	5%			2046	**	5	\$9,000	
	Metal Rail	85%			2043	**	5-10	\$716,900	
Roof									
	Modified Bitumen	80%	Now	\$19,700	2031	**			
	Ponding, Extent : Moderate, Area Affected : 5%								
	Location : Upper Roof Viewing Area								
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : Upper Roof Viewing Area								
	Plaza Roof: Stone Panels	20%			2046	**			
Interior									
Floors									
	Carpet	5%			2022	\$197,400	3	\$31,000	
	Cast in Place Concrete	25%			LIFE	**	5	\$169,400	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : First Floor Utility Area								
	Ceramic Tile	15%			2035	**	5	\$46,500	
	Granite Panels	10%			LIFE	**	5	\$23,200	
	Terrazzo	35%			LIFE	**	5	\$84,700	
	Vinyl Tile	10%			2031	**	3	\$15,500	
	Worn/Eroded, Extent : Light, Area Affected : 15%								
	Location : Elevator Lobbies								
Interior Walls									
	Concrete Masonry Unit	60%			LIFE	**	5	\$50,700	
	Glass: Special Gauge	10%			LIFE	**	1		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Main Waiting Room								
	Explanation : Double Glazed Wall And Sliding Boarding Doors								
	Gypsum Board	20%			LIFE	**	5	\$25,300	
	Metal Panel	10%	4+	\$5,800	LIFE	**			
	Deformed/Dented, Extent : Light, Area Affected : 5%								
	Location : Circular Sheet Metal Column Bases Throughout Waiting Area								
Ceilings									
	AcousTileSusp.Lay-In	15%			2043	**	5	\$46,500	
	Exposed Struc: Steel	15%			LIFE	**			
	Gypsum Board	5%	Now	\$3,100	LIFE	**	5	\$19,400	
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : 2nd Floor Elevator Lobby								
	Metal Panel	65%			LIFE	**	5	\$251,700	

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	97%			2046	* *	5	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 6000 Amperes							
	Photovoltaic Panel(s)	3%			2035	* *	1		
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : South Facing - On Water Side Of Building							
		Explanation : Blue Color Panels							
Transformers									
	Dry Type	100%			2039	* *	5	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One Dry Type At 75 Kva Each							
Switchgear / Switchboard									
	Fused Disc Sw	100%			2046	* *	5	\$900	
Raceway									
	Conduit	100%			2046	* *	1		
Panelboards									
	Fused Disc Sw	30%			2042	* *	5	\$1,400	
	Molded Case Bkrs	70%			2042	* *	5	\$3,800	
Wiring									
	Thermoplastic	100%			2046	* *	1		
Motor Controllers									
	Locally Mounted	20%			2039	* *	5	\$300	
	Motor Control Center	80%			2039	* *	5	\$4,500	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$3,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Pump Room							
		Explanation : Main Water Pipe							
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2039	* *	1	\$63,700	
Generators									
	Diesel	100%			2035	* *	1	\$80,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Penthouse							
		Explanation : One 700 Kva Gallon							
Batteries									
	Lead/Acid	100%			2020	\$1,500	5	\$7,700	

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Fuel Storage								
	Day Tank	20%			2042	**	5	\$7,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : 275 Gallon							
	Main Tank	80%			2054	**	5	\$4,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Ground Floor							
		Explanation : 2600 Gallon Tank							
Lighting									
	Interior Lighting								
	Fluorescent	70%			2031	**	10	\$132,900	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	HID	30%			2031	**	10	\$2,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Metal Halide							
	Egress Lighting								
	Emergency, Service	50%			2031	**	1		
	Exit, Service	50%			2031	**	1		
	Exterior Lighting								
	HID	100%			2031	**	10	\$600	
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2061	**	5	\$6,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : Steel Type							
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2031	**	1	\$23,200	
	Fire/Smoke Detection								
	No Component	30%							
	Generic, Digital	70%			2034	**	1-3	\$92,000	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2046	**	1		

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	90%			2031	**	1	\$92,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor Mechanical Equipment Room							
		Explanation : 1 Unit							
	Radiant Heater	10%			2026	\$343,000	2	\$9,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Street Side Of Main Lobby							
		Explanation : Gas Fired Radiant Heater In Main Lobby Ceiling							
Distribution									
	Hot Wtr Piping/Pump	100%			2034	**	4	\$10,200	
Terminal Devices									
	Air Handler	90%			2026	\$2,449,500	1	\$115,200	
	Fan Coil Unit/Heat	10%			2026	\$289,900	1	\$6,700	
Air Conditioning									
	Energy Source								
	Natural Gas	100%			2046	**	1		
	Conversion Equipment								
	Absorption Chiller/Direct Fire	80%	Now	\$3,205,700	2036	**	1	\$161,300	
		Abandoned in Place, Extent : Severe, Area Affected : 50%							
		Location : 3rd Floor Mechanical Equipment Room							
		R-134a Refrigerant, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor Mechanical Equipment Room							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : 3rd Floor Mechanical Equipment Room							
		Explanation : 1 Chiller Broken. 1 Chiller Running 20Percent. Portable Temporary Chiller In Use							
	Split Unit	20%			2031	**			
Distribution									
	CW & CHW Wtr Pipe/Pump	100%			2046	**	4	\$10,200	
Terminal Devices									
	Air Handler/Cool/Ht	100%			2026	\$2,170,800	1	\$128,000	
Heat Rejection									
	Water Cooling Tower	100%			2024	\$734,500	2	\$208,300	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$115,400	
Exhaust Fans									
	Interior	80%			2026	\$550,900	2	\$5,100	
	Roof	20%			2026	\$27,200	2	\$1,300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	**	1		

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater Gas Fired	100%			2024	\$118,100	2	\$3,000	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 3rd Floor Mechanical Equipment Room						
			Explanation : Two 250 Gallon						
	Sanitary Piping Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping Cast Iron	100%			LIFE	**	1		
	Sewage Ejector(s) Electric	100%			2026	\$55,700	4	\$8,200	
	Backflow Preventer Generic	100%			2026	\$49,200	1	\$12,700	
	Fixtures Generic	100%							
Vertical Transport									
	Elevators Hydraulic	100%			LIFE	**			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : (2) 1st To Roof, (1) 1st To 3rd Floor, (1) 1st To 2nd Floor						
			Explanation : 4 Units						
	Escalators Over 20' Rise	100%			LIFE	**			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 1st to 2nd Floor						
			Explanation : 5 Units						
Fire Suppression									
	Standpipe Generic	100%			2036	**	1-5	\$104,400	
	Sprinkler Generic	100%			2036	**	1-2	\$58,000	
	Fire Pump Generic	100%			2029	**	1	\$38,700	
			Corroded, Extent : Light, Area Affected : 5%						
			Location : 1st Floor						

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ARTERIAL AND FLEET SERVICES GAS HOUSE
Address : 32-11 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0092.020 / 564 **Yr Built/Renovated** : 1937 / 1997
Area Sq Ft : 1,876 **Project Type** : HIGHWAYS
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$99,300	
Total	\$99,300	
Importance Code A	\$99,300	
Total	\$99,300	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,800			
Interior Architecture		\$100		
Electrical	\$5,700			
Mechanical	\$100	\$100	\$100	\$5,300
Total	\$16,600	\$200	\$100	\$5,300
Importance Code A	\$10,900	\$100	\$100	\$100
Importance Code B	\$5,700	\$200	\$100	\$5,200
Importance Code C				
Total	\$16,600	\$200	\$100	\$5,300



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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES GAS HOUSE

Asset # : 564

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%	Now	\$61,500	LIFE	**	5	\$6,800	
		Diagonal Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
	Pre-Cast Concrete	5%	Now	\$3,500	LIFE	**	5	\$1,200	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Building Base							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : At Window Sills							
Windows									
	Glass Block	100%			LIFE	**	5	\$500	
Parapets									
	Masonry: Brick	95%	Now	\$37,800	LIFE	**	5	\$2,200	1
		Diagonal Cracks, Extent : Severe, Area Affected : 25%							
		Location : Corners							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Pre-Cast Concrete	5%	Now	\$800	LIFE	**	5	\$700	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Coping							
Roof									
	Modified Bitumen	100%	Now	\$6,400	2032	**			1
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
Interior									
Floors									
	Cast in Place Concrete	65%			LIFE	**	5	\$4,200	
	Vinyl Tile	35%			2032	**	3	\$400	
Interior Walls									
	Concrete Masonry Unit	25%			LIFE	**	5		
	Masonry: Brick	75%			LIFE	**			
		Water Penetration, Extent : Severe, Area Affected : 25%							
		Location : Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES GAS HOUSE

Asset # : 564

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

Interior

Ceilings

Exposed Concrete

100%

LIFE

* *

5

\$500

Water Penetration, Extent : Moderate, Area Affected : 20%

Location : Throughout

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

Under 600 Volts

Raceway

Conduit

100%

2027

\$3,700

1

Panelboards

Fused Disc Sw

10%

2026

\$700

5

Molded Case Bkrs

40%

2026

\$3,000

5

Molded Case Bkrs

50%

2043

* *

5

Wiring

Braided Cloth

70%

2-4

\$5,700

2052

* *

1

Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout

Thermoplastic

30%

2047

* *

1

Lighting

Interior Lighting

Fluorescent

100%

2027

\$4,100

10

\$1,700

T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Exterior Lighting

HID

20%

2035

* *

10

No Component

80%

Alarm

Fire/Smoke Detection

No Component

80%

Generic, Digital

20%

2027

\$3,900

1-3

\$200

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Inside

Explanation : Alarm Bells And Horns

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

Heating

Energy Source

Natural Gas

100%

2037

* *

1

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES GAS HOUSE

Asset # : 564

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	100%			2027	\$4,100	1	\$900	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Various Locations									
Explanation : 2 Direct Fired Unit Heaters									
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	* *	1		
	Conversion Equipment								
	Window/Wall Unit	100%			2022	\$3,700	1		
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2027	\$600	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Water Heater								
	Electric	100%			2022	\$1,500	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ARTERIAL AND FLEET SERVICES GUARD HOUSE
Address : 32-11 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0092.150 / 174 **Yr Built/Renovated** : 1997 /
Area Sq Ft : 96 **Project Type** : HIGHWAYS
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$200	\$700
Interior Architecture			\$100	
Electrical				
Mechanical				\$200
Total			\$300	\$900
Importance Code A			\$200	\$700
Importance Code B			\$100	\$200
Total			\$300	\$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
ARTERIAL AND FLEET SERVICES GUARD HOUSE
Asset # : 174

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

Exterior

Exterior Walls

Window Wall

100%

2047

* *

5

\$1,400

Roof

Roll Roofing

100%

2026

\$1,100

5

\$500

Interior

Floors

Ceramic Tile

100%

2036

* *

5

\$100

Ceilings

Fiber Board

100%

2032

* *

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

Under 600 Volts

Raceway

Conduit

100%

2037

* *

1

Panelboards

Molded Case Bkrs

100%

2035

* *

5

Wiring

Thermoplastic

100%

2037

* *

1

Lighting

Interior Lighting

Fluorescent

100%

2027

\$200

10

\$100

*T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

Alarm

Security System

Generic

100%

2035

* *

1

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outside**Explanation : CCTV Surveillance Cameras*

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

Heating

Energy Source

Electricity

100%

2047

* *

1

Conversion Equipment

Radiant Heater

100%

2027

\$1,400

2

*Other Observation, Extent : Light, Area Affected : 100%**Location : Office**Explanation : 1 Unit*

Air Conditioning

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES GUARD HOUSE

Asset # : 174

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Energy Source								
	Electricity	100%		2043	* *	1		
Conversion Equipment								
	Window/Wall Unit	100%		2022	\$200	1		

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ARTERIAL AND FLEET SERVICES MAIN GARAGE
Address : 32-11 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0092.000 / 2412 **Yr Built/Renovated** : 1937 / 1997
Area Sq Ft : 64,562 **Project Type** : HIGHWAYS
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,477,400	\$58,400
Interior Architecture	\$119,500	
Electrical	\$59,200	
Mechanical		\$897,000
Total	\$1,656,200	\$955,400
Importance Code A	\$1,477,400	\$200,600
Importance Code B	\$178,700	\$754,800
Total	\$1,656,200	\$955,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$33,000			\$10,700
Interior Architecture	\$53,300		\$900	\$22,100
Electrical	\$4,100	\$400	\$400	
Mechanical	\$4,800	\$4,400	\$6,200	\$25,400
Total	\$95,100	\$4,800	\$7,600	\$58,300
Importance Code A	\$36,200	\$3,200	\$3,200	\$13,900
Importance Code B	\$13,300	\$1,600	\$4,400	\$44,400
Importance Code C	\$45,700			
Total	\$95,100	\$4,800	\$7,600	\$58,300



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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES MAIN GARAGE

Asset # : 2412

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	85%	Now	\$527,800	LIFE	**	5	\$58,400	1
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : North Facade, South Facade							
		Horizontal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : North Facade, South Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : South Facade							
		Rusting Masonry Supt, Extent : Severe, Area Affected : 50%							
		Location : Above Overhead Doors							
	Metal Coiling Doors	10%			2032	**	5	\$21,500	
	Pre-Cast Concrete	5%	Now	\$22,700	LIFE	**	5	\$11,200	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Window Sills							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
		Location : Building Base							
	Windows								
	Aluminum	25%			2043	**	5	\$4,100	
	Glass Block	75%			LIFE	**	5	\$7,700	
	Parapets								
	Masonry: Brick	95%	Now	\$474,100	LIFE	**	5	\$27,400	
		Diagonal Cracks, Extent : Severe, Area Affected : 10%							
		Location : East Facade							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
		Location : North Facade, South Facade							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Interior Face							
	Pre-Cast Concrete	5%	Now	\$10,300	LIFE	**	5	\$9,100	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Coping							
		Open Joints, Extent : Moderate, Area Affected : 50%							
		Location : Coping							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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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 MAIN GARAGE
Asset # : 2412

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Asphalt Shingle	65%	Now	\$119,300	2036		**		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : At Ridge							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Garage Area							
	Modified Bitumen	30%	Now	\$93,300	2032		**		
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%							
		Location : Over Garage Area At Highway Columns							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Garage Area							
	Skylight, Metal/Glass	5%	Now	\$262,900	2047		**		
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%							
		Location : Over Garage Area							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Garage Area							
Interior									
Floors									
	Asphalt Macadam	90%			2047		**	5	\$42,400
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Ceramic Tile	2%			2036		**	5	\$1,900
	Vinyl Tile	8%	Now	\$64,000	2037		**	3	\$2,800
		Broken/Missing Elements, Extent : Moderate, Area Affected : 50%							
		Location : Office Areas							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 50%							
		Location : Office Areas							
Interior Walls									
	Cast in Place Concrete	5%	Now	\$14,700	LIFE		**		
		Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
		Location : Espreway Columns							
		Water Penetration, Extent : Severe, Area Affected : 20%							
		Location : Expreway Columns							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Garage							
		Explanation : Various Expreway Columns Run Through The Garage Area							
	Concrete Masonry Unit	30%	Now	\$31,000	LIFE		**	5	\$2,800
		Diagonal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Wall Dividing Garage Areas							
		Horizontal Cracks, Extent : Severe, Area Affected : 25%							
		Location : Wall Dividing Garage Areas							
	Masonry: Brick	65%			LIFE		**		

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

Interior

Ceilings

AcousTileSusp.Lay-In 5% Now \$7,600 2032 * * 5 \$2,400

Broken/Missing Elements, Extent : Moderate, Area Affected : 20%

Location : Toilets

Exposed Struc: Steel 20% LIFE * *

Exposed Struc: Wood 60% LIFE * *

Water Penetration, Extent : Moderate, Area Affected : 20%

Location : Garage Area

Plaster 15% Now \$55,500 LIFE * * 5 \$8,800

Broken/Missing Elements, Extent : Severe, Area Affected : 25%

Location : East And North Areas Of Garage

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

Location : East And North Areas Of Garage

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

Location : Garage

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2053 * * 5 \$300

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 2000 Amperes

Switchgear / Switchboard

Fused Disc Sw 100% 2053 * * 5 \$300

Raceway

Conduit 20% 2053 * * 1

Conduit 80% 2027 \$7,500 1

Panelboards

Molded Case Bkrs 50% 2035 * * 5 \$900

Molded Case Bkrs 50% 2026 \$14,900 5 \$900

Wiring

Braided Cloth 20% 2-4 \$4,100 2052 * * 1

Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout

Thermoplastic 80% 2037 * * 1

Ground

Grounding Devices

Not Accessible 100%

Lighting

Interior Lighting

Fluorescent 100% 2032 * * 10 \$59,200

T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

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

Estimates are rounded to the nearest hundred dollars.

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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 MAIN GARAGE

Asset # : 2412

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

Lighting

Egress Lighting									
Emergency, Battery	5%			2035		* *	10	\$800	
Exit, Service	5%			2035		* *	1		
No Component	90%								
Exterior Lighting									
HID	20%			2035		* *	10		
No Component	80%								

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

Heating

Energy Source									
Natural Gas	100%			2037		* *	1		
Conversion Equipment									
Furnace	100%			2027		\$142,200	1	\$31,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Various Locations</i>									
<i>Explanation : 50 Direct Fired Unit Heaters</i>									

Air Conditioning

Energy Source									
Electricity	100%			2035		* *	1		
Conversion Equipment									
Window/Wall Unit	10%			2022		\$12,600	1		
No Component	90%								

Ventilation

Exhaust Fans									
Wall Unit	100%			2027		\$21,500	2	\$2,000	

Plumbing

H/C Water Piping									
Brass/Copper	100%			2027		\$450,000	1		
Water Heater									
Electric	100%			2025		\$53,200	4	\$400	
Sanitary Piping									
Cast Iron	100%			LIFE		* *	1		
Storm Drain Piping									
Cast Iron	100%			LIFE		* *	1		
Fixtures									
Generic	100%								

Fire Suppression

Standpipe									
Generic	100%			2027		\$251,600	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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ARTERIAL AND FLEET SERVICES OFFICE AND STOREHOUSE
Address : 32-11 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0092.010 / 2406 **Yr Built/Renovated** : 1937 / 2005
Area Sq Ft : 11,436 **Project Type** : HIGHWAYS
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2019 - 2022		FY 2023 - 2028	
Exterior Architecture	\$306,800			
Interior Architecture	\$216,100			
Electrical	\$6,500		\$120,900	
Total	\$529,400		\$120,900	
Importance Code A	\$306,800			
Importance Code B	\$166,600		\$120,900	
Importance Code C	\$55,900			
Total	\$529,400		\$120,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,900	\$1,700		\$2,900
Interior Architecture	\$10,700	\$900	\$500	\$4,300
Electrical	\$9,400	\$100		\$9,800
Mechanical	\$600	\$600	\$700	\$14,000
Total	\$42,600	\$3,300	\$1,200	\$31,100
Importance Code A	\$22,500	\$2,300	\$600	\$3,500
Importance Code B	\$20,200	\$1,100	\$700	\$27,600
Importance Code C				
Total	\$42,600	\$3,300	\$1,200	\$31,100



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

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

Asset # : 2406

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	75%	Now	\$146,200	LIFE	**	5	\$16,200	1	
Horizontal Cracks, Extent : Severe, Area Affected : 25%									
Location : West Facade, East Facade									
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%									
Location : West Facade, East Facade									
Misaligned/Bulging, Extent : Severe, Area Affected : 20%									
Location : North Facade									
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%									
Location : West Facade									
Rusting Masonry Supt, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Masonry: Granite	5%	Now	\$12,700	LIFE	**	5	\$800		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Bases Of Piers Along South Facade									
Metal Coiling Doors	5%			2040	**	5	\$3,400		
Pre-Cast Concrete	5%	Now	\$3,600	LIFE	**	5	\$3,500		
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : North Facade, Widow Sills									
Stucco Cement	10%			2032	**	5	\$5,400		
Windows									
Aluminum	50%			2043	**	5	\$2,800		
Glass Block	40%			LIFE	**	5	\$1,400		
Glass Block	10%	Now	\$5,600	LIFE	**	5	\$400		
Broken/Missing Elements, Extent : Severe, Area Affected : 25%									
Location : West Facade									
Parapets									
Masonry: Brick	95%	Now	\$42,300	LIFE	**	5	\$2,400		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Diagonal Cracks, Extent : Moderate, Area Affected : 10%									
Location : Corners									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Metal Panel	5%			2047	**	5	\$500		
Roof									
Modified Bitumen	95%	Now	\$39,400	2032	**				
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%									
Location : Over Second Floor									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Over Second Floor									
Skylight, Metal/Glass	5%	Now	\$78,900	2037	**				
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%									
Location : Over Mens Locker Room									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Over Mens Locker Room									

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Asset # : 2406

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Carpet	5%			2023	\$13,700	3	\$1,600		
Cast in Place Concrete	40%			LIFE	**	5	\$18,800		
Ceramic Tile	5%			2036	**	5	\$1,100		
Vinyl Tile	15%			2035	**	3	\$1,200		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Offices On First Floor									
Vinyl Tile 9" X 9"	25%			2022	\$59,100	3	\$2,700		
Wood	10%			2042	**	5	\$4,000		
Interior Walls									
Gypsum Board	15%			LIFE	**	5	\$1,000		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : First Floor Offices									
Masonry: Brick	45%	Now	\$55,900	LIFE	**				
Diagonal Cracks, Extent : Severe, Area Affected : 25%									
Location : Storage Space									
Vertical Cracks, Extent : Severe, Area Affected : 25%									
Location : Storage Space									
Plaster	20%			LIFE	**	5	\$600		
Plywood/Hardboard	10%			LIFE	**				
SGFT/Glazed Masonry	10%			LIFE	**				
Ceilings									
AcousTileSusp.Lay-In	15%			2032	**	5	\$3,200		
AcousTileSusp.Lay-In	15%			2044	**	5	\$3,200		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : First Floor Offices									
Exposed Concrete	20%			LIFE	**	5	\$700		
Exposed Struc: Wood	25%	Now	\$101,000	LIFE	**				
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Storage Area									
Staining/Discoloring, Extent : Moderate, Area Affected : 25%									
Location : Over Storage Area									
Gypsum Board	10%			LIFE	**	5	\$2,700		
Plaster	15%	Now	\$8,400	LIFE	**	5	\$2,000		
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Mens Locker Room									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Mens Locker Room									

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

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

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

Asset # : 2406

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Furnace	80%			2027	\$20,100	1	\$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 30 Direct Fired Unit Heaters								
Hot Water Boiler	20%			2047	* *	1	\$1,100	

*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 OFFICE AND STOREHOUSE
Asset # : 2406

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Convactor/Radiator	20%			2040	* *	1	\$700	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2022	\$13,400	1		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2025	\$9,400	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ARTERIAL AND FLEET SERVICES STORAGE 1
Address : 32-11 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0092.040 / 2407 **Yr Built/Renovated** : 1937 / 1997
Area Sq Ft : 1,758 **Project Type** : HIGHWAYS
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$87,100	
Total	\$87,100	
Importance Code A	\$87,100	
Total	\$87,100	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$42,500			\$9,800
Interior Architecture	\$100			\$9,800
Electrical	\$10,000			\$2,000
Mechanical	\$100	\$100	\$100	\$800
Total	\$52,800	\$100	\$100	\$22,400
Importance Code A	\$42,600	\$100	\$100	\$9,900
Importance Code B	\$10,200			\$12,600
Total	\$52,800	\$100	\$100	\$22,400



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

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

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$87,100	LIFE	**	5	\$9,600	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Corners							
	Diagonal Cracks, Extent : Severe, Area Affected : 10%							
	Location : Throughout							
	Horizontal Cracks, Extent : Moderate, Area Affected : 20%							
	Location : East Facade, West Facade							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Metal Coiling Doors	10%			2032	**	5	\$3,500	
Pre-Cast Concrete	5%	Now	\$3,700	LIFE	**	5	\$1,800	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : At Window Sills, Building Base							
Windows								
Glass Block	100%			LIFE	**	5	\$2,600	
Parapets								
Masonry: Brick	95%	Now	\$26,600	LIFE	**	5	\$1,500	
	Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
	Location : At Corners							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Metal Panel	5%			2047	**	5	\$300	
Roof								
Modified Bitumen	95%			2032	**	10	\$7,900	
Skylight, Metal/Glass	5%	Now	\$12,200	2037	**			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10%							
	Location : Main Roof							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : Main Roof							
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$7,700	
Vinyl Tile 9" X 9"	20%			2022	\$9,700	3	\$400	
Interior Walls								
Masonry: Brick	100%			LIFE	**			
Ceilings								
Exposed Struc: Wood	100%			LIFE	**			
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2027	\$3,700	1		

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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES STORAGE 1

Asset # : 2407

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$70,800	\$56,100
Interior Architecture	\$350,700	\$119,200
Electrical	\$752,900	\$48,800
Total	\$1,174,400	\$224,100
Importance Code A	\$70,800	\$56,100
Importance Code B	\$1,103,600	\$168,000
Total	\$1,174,400	\$224,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$27,500	\$15,000		
Interior Architecture	\$32,200			\$500
Electrical	\$2,800	\$28,700	\$1,700	\$1,700
Mechanical	\$15,700	\$100		
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$86,000	\$51,700	\$9,600	\$10,000
Importance Code A	\$28,200	\$15,200		
Importance Code B	\$57,800	\$36,500	\$9,600	\$10,000
Importance Code C	\$100			
Total	\$86,000	\$51,700	\$9,600	\$10,000



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

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Cast in Place Concrete	35%			LIFE	* *	5	\$56,100		
Concrete Masonry Unit	10%	Now	\$26,400	LIFE	* *	5	\$2,000		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : East Facade									
Spalling, Extent : Moderate, Area Affected : 10%									
Location : East Facade									
Masonry: Brick	16%			LIFE	* *	5	\$5,100		
Masonry: Granite	2%			LIFE	* *	5	\$500		
Metal Panel	15%			2035	* *	5-10	\$33,100		
Metal Coiling Doors	2%			2038	* *	5	\$2,000		
Pre-Cast Concrete	10%			LIFE	* *	5	\$10,400		
Window Wall	10%			2045	* *	5	\$12,000		
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : West And South Sides									
Explanation : Sections Of The First Floor Are Occupied By A Bank And Stores									
Windows									
Metal Louvers	25%			2034	* *	10	\$3,000		
No Component	75%								
Parapets									
Cast in Place Concrete	85%			LIFE	* *	5	\$25,300		
Metal Rail	5%			2038	* *	5-10	\$2,600		
Metal: Cage/Fence	10%	4+	\$1,100	2030	* *	5	\$900		
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : East Facade									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : East Facade									
Roof									
Traffic Topping	95%	Now	\$70,800	2030	* *				
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Over Level 4									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Level 4									
Not Accessible	5%								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	25%	Now	\$62,900	LIFE	* *	5	\$66,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Near Basement Entrance									
	Ceramic Tile	2%			2034	* *	5	\$2,400	
	Traffic Topping	70%	Now	\$210,000	2030	* *	5	\$53,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Levels One And Two									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Levels One And Two									
	Vinyl Tile	3%	0-2	\$30,800	2035	* *	3	\$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Office									
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : Office									
Interior Walls									
	Cast in Place Concrete	70%			LIFE	* *			
	Ceramic Tile	2%			2034	* *	5	\$200	
	Concrete Masonry Unit	20%			LIFE	* *	5	\$900	
	Masonry: Brick	8%			LIFE	* *			
Ceilings									
	Exposed Concrete	100%	Now	\$77,800	LIFE	* *	5	\$18,900	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Level 4									

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

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

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

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

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

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2019	\$7,900	1		
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2035	**	1		
No Component	95%							
Water Heater								
Electric	5%			2019	\$3,300	4		
No Component	95%							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2019	\$2,800	4	\$2,800	
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Level 1 - Roof							
	Explanation : 2 Units							
Fire Suppression								
Standpipe								
Generic	100%			2035	**	1-5	\$400	

*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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BRIDGES IRON SHOP
Address : 59 ADAMS STREET UNDER MANHATTAN BRIDGE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0216.000 / 14714 **Yr Built/Renovated** : 1910 /
Area Sq Ft : 17,412 **Project Type** : HIGHWAYS
Date of Survey : 20-Feb-2014 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 39 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022		FY 2023 - 2028	
Exterior Architecture	\$241,900			
Interior Architecture	\$73,800		\$51,300	
Electrical			\$115,400	
Total	\$315,700		\$166,700	
Importance Code A	\$241,900			
Importance Code B			\$166,700	
Importance Code C	\$73,800			
Total	\$315,700		\$166,700	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$33,500			
Interior Architecture	\$1,500		\$200	
Electrical	\$1,300	\$1,400	\$1,600	\$1,300
Mechanical	\$2,400	\$5,900	\$9,300	\$5,900
Total	\$38,700	\$7,300	\$11,100	\$7,200
Importance Code A	\$33,900	\$1,200	\$400	\$1,200
Importance Code B	\$3,900	\$6,000	\$10,700	\$5,900
Importance Code C	\$900			
Total	\$38,700	\$7,300	\$11,100	\$7,200



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

DEPARTMENT OF TRANSPORTATION - 841
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%	2-4	\$65,100	LIFE	* *	5	\$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Sect. OHD	5%			2038	* *	5	\$5,200	
Windows								
Steel	100%	2-4	\$21,300	2041	* *	5	\$8,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	\$4,300	LIFE	* *	5	\$2,600	2
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	90%	2-4	\$7,900	LIFE	* *	5	\$3,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Roof								
Plaza Roof: Stone Panels	100%	Now	\$176,800	2035	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	\$51,300	
Ceramic Tile	5%			2034	* *	5	\$1,300	
Vinyl Tile	5%			2030	* *	3	\$500	
Interior Walls								
Ceramic Tile	5%			2034	* *	5	\$1,800	
Concrete Masonry Unit	95%	0-2	\$73,800	LIFE	* *	5	\$13,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	70%			2038	* *	5	\$17,400	
Exposed Struc: Steel	30%			LIFE	* *			

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

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

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

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

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	* *	1		
Conversion Equipment									
	Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	\$1,100	
			R-22 Refrigerant, Extent : Light, Area Affected : 50%						
			Location : Roof						
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Roof						
			Explanation : 2 Units						
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2	\$22,700	
Terminal Devices									
	Air Handler/Cool/Ht	100%			2030	* *	1	\$10,800	
Heat Rejection									
	Air Cooled Condenser Unit	100%			2030	* *	2	\$12,100	
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2030	* *	2	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
Water Heater									
	Electric	100%			2023	\$14,300	4	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							

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

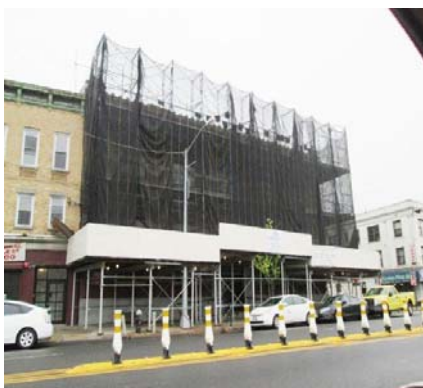
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BRONX COMMISSIONER OFFICE
Address : 1400 WILLIAMSBRIDGE ROAD @ ROBERTS AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0215.000 / 14713 **Yr Built/Renovated** : 1926 / 2014
Area Sq Ft : 29,626 **Project Type** : HIGHWAYS
Date of Survey : 09-May-2014 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 4074 **Lot** : 1 **BIN** : 2044091

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$92,600	\$41,300
Interior Architecture	\$204,700	\$225,100
Electrical	\$306,300	\$249,500
Mechanical	\$80,100	\$191,500
Total	\$683,800	\$707,400
Importance Code A	\$92,600	\$41,300
Importance Code B	\$442,900	\$629,200
Importance Code C	\$148,300	\$36,900
Total	\$683,800	\$707,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Interior Architecture	\$127,300			\$9,400
Electrical	\$26,800	\$3,200	\$2,300	\$2,200
Mechanical	\$5,600	\$46,000	\$4,300	\$2,800
Total	\$159,800	\$49,300	\$6,600	\$14,400
Importance Code A	\$1,500	\$1,500	\$1,500	\$1,500
Importance Code B	\$158,300	\$47,700	\$5,100	\$12,900
Importance Code C				
Total	\$159,800	\$49,300	\$6,600	\$14,400



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

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

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Throughout							
	Explanation : Building Covered With Netting							
Windows								
Wood	100%	Now	\$92,600	2033	* *	5	\$41,300	
	Air Infiltration, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
	Cttrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
	Water Penetration, Extent : Severe, Area Affected : 10%							
	Location : Throughout							
Parapets								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Throughout							
	Explanation : Building Covered With Netting							
Roof								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Throughout							
	Explanation : Work In Progress							
Interior								
Floors								
Carpet	30%	Now	\$67,800	2024	\$169,500	3	\$20,000	
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 75%							
	Location : Throughout							
Cast in Place Concrete	5%			LIFE	* *	5	\$4,900	
Ceramic Tile	5%	Now	\$17,200	2034	* *	5	\$1,100	
	Cracking/Crumbling, Extent : Severe, Area Affected : 60%							
	Location : Throughout							
Marble Panels	5%	2-4	\$32,100	LIFE	* *	5	\$1,700	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Terrazzo	5%	2-4	\$10,300	LIFE	* *	5	\$1,700	
	Cracking/Crumbling, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Vinyl Tile	50%	0-2	\$56,500	2025	\$188,200	3	\$8,300	
	Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
	Location : Throughout							

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

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

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Interior									
	Interior Walls								
	Ceramic Tile	5%	0-2	\$39,800	2034	* *	5	\$1,800	
		Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
	Gypsum Board	85%	Now	\$50,900	LIFE	* *	5	\$36,900	
		Cracking/Crumbling, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Masonry: Brick	5%			LIFE	* *			
	Marble Panels	5%	2-4	\$57,500	LIFE	* *			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Ceilings									
	AcousTileSusp.Lay-In	95%			2038	* *	5	\$40,000	
	Exposed Concrete	5%			LIFE	* *	5	\$300	
Electrical									
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2025	\$8,300	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : 1- 600 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2025	\$122,000	5	\$800	
	Raceway								
	Conduit	90%			2025	\$53,300	1		
	Conduit	10%			2045	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2024	\$3,000	5		
	Molded Case Bkrs	70%			2024	\$41,800	5	\$500	
	Molded Case Bkrs	25%			2041	* *	5	\$200	
	Wiring								
	Braided Cloth	30%	2-4	\$24,300	2050	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	40%			2025	\$32,400	1		
	Thermoplastic	30%			2045	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2023	\$29,400	5	\$200	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$400	

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

Alarm

Security System

No Component

50%

Generic

50%

2030

* *

1

\$5,500

Fire/Smoke Detection

Generic, Analog

100%

2020

\$306,300

1-3

\$18,300

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

Heating

Energy Source

Natural Gas

100%

2045

* *

1

Conversion Equipment

Hot Water Boiler

100%

2030

* *

1

\$14,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 2 Units*

Distribution

Hot Wtr Piping/Pump

100%

2024

\$43,200

4

\$2,200

Terminal Devices

Convactor/Radiator

100%

2023

\$148,300

1

\$9,600

Air Conditioning

Energy Source

Electricity

100%

2033

* *

1

Conversion Equipment

Reciprocating

15%

2020

\$35,300

1

\$2,100

Compr/Chiller

*On Extended Life, Extent : Light, Area Affected : 15%**Location : 1st Floor AC Room**R-22 Refrigerant, Extent : Light, Area Affected : 15%**Location : Top Of Staircase, Roof*

Exterior Pkg Unit -

Cooling

20%

2020

\$44,900

2

\$400

*R-22 Refrigerant, Extent : Light, Area Affected : 20%**Location : Roof, Top Of Staircase**Other Observation, Extent : Severe, Area Affected : 20%**Location : Roof, Top Of Staircase**Explanation : On Extended Life*

No Component

65%

Terminal Devices

Air Handler/Dir

15%

2020

\$16,300

1

Expansion

*On Extended Life, Extent : Severe, Area Affected : 15%**Location : 1st Floor AC Room*

No Component

85%

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Heat Rejection									
	Air Cooled Condenser Unit	15%	0-2	\$2,900	2035	* *	2	\$2,500	
Other Observation, Extent : Severe, Area Affected : 15%									
Location : Roof, Top Of Staircase									
Explanation : Obsolete Unit									
	No Component	85%							
Ventilation									
Distribution									
	Ductwork/Diffusers	40%			LIFE	* *	2-5	\$6,600	
	No Component	60%							
Exhaust Fans									
	Interior	15%			2020	\$14,800	2	\$100	
	Roof	25%			2020	\$11,500	2	\$200	
	No Component	60%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2035	* *	1		
Water Heater									
	Gas Fired	100%			2023	\$16,900	2	\$400	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$153,800	
Interior Architecture	\$86,000	\$90,600
Electrical		\$122,500
Mechanical		\$734,900
Total	\$239,800	\$948,100
Importance Code A	\$153,800	
Importance Code B	\$86,000	\$948,100
Total	\$239,800	\$948,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$41,700		
Interior Architecture	\$1,100		\$200	
Electrical		\$400		
Mechanical	\$2,900	\$7,800	\$3,600	\$2,100
Total	\$4,000	\$49,900	\$3,800	\$2,100
Importance Code A	\$1,400	\$43,200	\$1,400	\$1,400
Importance Code B	\$2,500	\$6,700	\$2,400	\$700
Importance Code C	\$100			
Total	\$4,000	\$49,900	\$3,800	\$2,100



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

DEPARTMENT OF TRANSPORTATION - 841
CASTLETON DEPOT
Asset # : 14718

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

Exterior

Exterior Walls

Fiberglass Panel	35%			2040	**	5	\$67,000
Masonry: Brick	50%	0-2	\$153,800	LIFE	**	5	\$25,500

Diagonal Cracks, Extent : Light, Area Affected : 20%

Location : Throughout

Metal Panel	5%			2055	**	5-10	\$17,500
Metal Sect. OHD	10%			2038	**	5	\$16,000

Windows

Aluminum	100%			2050	**	5	\$6,900
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Parapets

Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,100
Masonry: Brick	90%			LIFE	**	5	\$2,400

Roof

Single Ply Membrane	80%			2035	**	10	\$33,200
Skylight, Metal/Glass	20%			2055	**	10	\$27,700

Interior

Floors

Cast in Place Concrete	95%	0-2	\$86,000	LIFE	**	5	\$90,600
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Cracking/Crumbling, Extent : Light, Area Affected : 20%

Location : Throughout

Quarry Tile	1%			2038	**	5	\$700
Vinyl Tile	4%			2030	**	3	\$700

Interior Walls

Ceramic Tile	1%			2034	**	5	\$200
Concrete Masonry Unit	96%			LIFE	**	5	\$6,800
Metal Panel	1%			LIFE	**		
Plaster	1%			LIFE	**	5	\$100
SGFT/Glazed Masonry	1%			LIFE	**		

Ceilings

AcousTileSusp.Lay-In	3%	0-2	\$1,100	2038	**	5	\$700
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Cracking/Crumbling, Extent : Light, Area Affected : 20%

Location : Throughout

Embossed Metal	1%			LIFE	**	5	\$200
Exposed Concrete	1%			LIFE	**	5	\$100
Exposed Struc: Steel	95%			LIFE	**		

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2035	**	5	\$100
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 800 Amperes Main Disconnect Switch

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
CASTLETON DEPOT
Asset # : 14718

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2035	* *	1		
	Conversion Equipment								
	Furnace	75%			2030	* *	1	\$10,800	
	Hot Water Boiler	25%			2030	* *	1	\$3,600	
	Other Observation, Extent : Light, Area Affected : 20%								
	Location : Room 203								
	Explanation : 1 Unit								
	Distribution								
	Hot Wtr Piping/Pump	25%			2033	* *	4	\$400	
	No Component	75%							
	Terminal Devices								
	Fan Coil Unit/Heat	15%			2025	\$61,200	1	\$1,400	
	Unit Heater - Steam	10%			2025	\$9,700	4	\$300	
	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.

DEPARTMENT OF TRANSPORTATION - 841
CASTLETON DEPOT
Asset # : 14718

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
	Energy Source							
	Electricity	100%		2033	* *	1		
	Conversion Equipment							
	Interior Pkg Unit - Cooling	20%		2023	\$203,800	2	\$400	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 20% Location : Room 202</i>						
	Window/Wall Unit	10%		2020	\$5,700	1		
	No Component	70%						
Ventilation								
	Distribution							
	Ductwork/Diffusers	20%		LIFE	* *	2-5	\$3,200	
	No Component	80%						
	Exhaust Fans							
	Interior	20%		2025	\$19,400	2	\$200	
	No Component	80%						
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2025	\$203,100	1		
	Water Heater							
	Gas Fired	100%		2023	\$16,600	2	\$400	
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	* *	1		
	Fixtures							
	Generic	100%						
Fire Suppression								
	Sprinkler							
	Generic	100%		2025	\$266,800	1-2	\$8,200	

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,831,600	\$2,010,600
Interior Architecture	\$1,479,200	\$780,600
Electrical		\$3,032,700
Mechanical		\$1,378,300
Total	\$3,310,800	\$7,202,200
Importance Code A	\$1,831,600	\$2,118,400
Importance Code B	\$945,300	\$5,041,600
Importance Code C	\$533,900	\$42,200
Total	\$3,310,800	\$7,202,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$800	\$25,600		
Interior Architecture	\$13,700			\$800
Electrical	\$1,800	\$3,700	\$1,800	\$1,800
Mechanical	\$14,100	\$78,900	\$6,800	\$9,100
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$38,400	\$116,100	\$16,500	\$19,600
Importance Code A	\$1,400	\$26,200	\$600	
Importance Code B	\$35,900	\$89,900	\$15,900	\$19,600
Importance Code C	\$1,100			
Total	\$38,400	\$116,100	\$16,500	\$19,600



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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	80%	Now	\$1,026,800	LIFE	**	5	\$1,823,500	
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Southwest Facade							
		Water Penetration, Extent : Moderate, Area Affected : 5%							
		Location : Wall Adjacent To Ramp On Northeast Side							
	Masonry: Brick	15%	Now	\$412,000	LIFE	**	5	\$68,400	
		Diagonal Cracks, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%							
		Location : Northeast Facade							
		Misaligned/Bulging, Extent : Severe, Area Affected : 10%							
		Location : At Corners							
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : Northeast Facade							
	Masonry: Limestone	2%	Now	\$198,900	LIFE	**	5	\$6,800	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Coping Over Free Standing Walls							
	Window Wall	3%			2045	**	5	\$51,300	
Parapets									
	Cast in Place Concrete	95%	Now	\$73,000	LIFE	**	5	\$118,700	
		Diagonal Cracks, Extent : Light, Area Affected : 30%							
		Location : Throughout							
		Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Metal Rail	5%	Now	\$800	2038	**	5	\$4,300	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 20%							
		Location : Rail Supports							
Roof									
	Cast in Place Concrete	95%	Now	\$121,000	LIFE	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Structural Connection Points							
		Expansion Jnt Failure, Extent : Severe, Area Affected : 10%							
		Location : All Stair Locations, Building Corners							
	Copper/Terne	5%			2053	**	10	\$23,200	
Interior									
Floors									
	Cast in Place Concrete	97%	Now	\$326,900	LIFE	**	5	\$688,700	
		Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
	Ceramic Tile	1%			2034	**	5	\$3,200	
	Vinyl Tile	2%	2-4	\$11,000	2020	\$55,100	3	\$2,400	
		Worn/Eroded, Extent : Moderate, Area Affected : 100%							
		Location : Office							

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

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

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	18%	Now	\$299,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Structural Columns - Level 4								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Northeast Wall - Dept Of Transportation Storage Area								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Near Stairwells								
Explanation : Separation From Deck								
Concrete Masonry Unit	80%	Now	\$234,000	LIFE	* *	5	\$42,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Near Southern Stairwells								
Gypsum Board	2%	Now	\$1,100	LIFE	* *	5	\$1,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Throughout Office								
Ceilings								
AcousTileSusp.Lay-In	2%	Now	\$52,400	2045	* *	5	\$3,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Throughout Office								
Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
Location : Throughout Office								
Exposed Concrete	98%	Now	\$510,900	LIFE	* *	5	\$49,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Structural Beams								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Structural Connections At Northwest And Northeast Corners								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Building Corners Near Stairwells - All Levels								
Explanation : Separation Of Structural Elements								

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2035	* *	1		
	Conversion Equipment								
	Radiant Heater	3%			2025	\$107,800	2	\$3,000	
		Other Observation, Extent : Light, Area Affected : 3%							
		Location : 1st Level							
		Explanation : Management Office And Sprinkler Room Only							
	No Component	97%							
	Terminal Devices								
	Fan Coil Unit/Heat	3%			2025	\$2,700	1	\$2,100	
	No Component	97%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	* *	1		

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

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

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	2%			2020	\$8,500	1		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : 1st Level							
		Explanation : Management Office Only							
	No Component	98%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	2%			LIFE	* *	2-5	\$2,400	
	No Component	98%							
	Exhaust Fans								
	Interior	2%			2025	\$14,400	2	\$100	
	No Component	98%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	3%			2035	* *	1		
	No Component	97%							
	Water Heater								
	Electric	2%			2019	\$3,600	4		
	No Component	98%							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2020	\$34,500	4	\$7,700	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1-4							
		Explanation : Two Units							
Fire Suppression									
	Standpipe								
	Generic	100%			2025	\$845,100	1-5	\$113,400	
	Sprinkler								
	No Component	80%							
	Generic	20%			2025	\$397,100	1-2	\$12,200	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$147,900	\$487,300
Interior Architecture	\$360,300	\$379,500
Electrical	\$1,137,700	\$118,000
Mechanical	\$35,000	\$41,200
Total	\$1,680,900	\$1,025,900
Importance Code A	\$147,900	\$487,300
Importance Code B	\$1,533,000	\$538,700
Total	\$1,680,900	\$1,025,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,400	\$2,900	\$1,500	
Interior Architecture		\$30,500		
Electrical	\$2,200	\$23,700	\$1,200	\$1,500
Mechanical	\$16,400	\$2,600	\$500	
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$32,800	\$71,600	\$15,100	\$13,300
Importance Code A	\$2,400	\$4,700	\$1,500	
Importance Code B	\$30,400	\$67,000	\$13,600	\$13,300
Importance Code C				
Total	\$32,800	\$71,600	\$15,100	\$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
DELANCEY - ESSEX GARAGE
Asset # : 14318

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%			LIFE	**	5	\$25,100	
	Masonry: Brick	15%			LIFE	**	5	\$7,500	
Repairs in Progress, Extent : Light, Area Affected : 25%									
Location : East And West Facades									
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%									
Location : East And West Facades									
	Metal Panel	3%			2045	**	5-10	\$10,400	
	Pre-Cast Concrete	72%			LIFE	**	5	\$117,500	
Windows									
	Aluminum	100%			2041	**	5	\$3,000	
Parapets									
	Cast in Place Concrete	20%			LIFE	**	5	\$6,200	
	Masonry: Brick	5%			LIFE	**	5	\$200	
	Metal Panel	2%			2045	**	5	\$200	
	Metal: Cage/Fence	10%	2-4	\$2,400	2030	**	5	\$1,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : South Facade									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : South Facade									
	Pre-Cast Concrete	63%			LIFE	**	5	\$11,900	
Roof									
	Traffic Topping	95%	Now	\$147,900	2025	\$369,800			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Over Sixth Level									
Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%									
Location : Over Sixth Level									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Over Sixth Level									
	Not Accessible	5%							
Interior									
Floors									
	Cast in Place Concrete	98%	0-2	\$360,300	LIFE	**	5	\$379,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
	Vinyl Tile	2%			2020	\$30,100	3	\$1,300	
Interior Walls									
	Cast in Place Concrete	92%			LIFE	**			
	Concrete Masonry Unit	5%			LIFE	**	5	\$300	
	Masonry: Brick	3%			LIFE	**			
Ceilings									
	AcousTile,Adhered	2%			2023	\$32,900	5	\$3,500	
	Exposed Concrete	98%			LIFE	**	5	\$27,100	
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : Level 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
DELANCEY - ESSEX GARAGE
Asset # : 14318

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2025	\$4,800	5	\$3,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : No Nameplate Ratings Available							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2025	\$73,200	5	\$3,400	
	Raceway								
	Conduit	100%			2025	\$15,000	1		
	Panelboards								
	Molded Case Bkrs	100%			2024	\$44,800	5	\$3,400	
	Wiring								
	Thermoplastic	100%			2025	\$32,600	1		
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5	\$900	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$1,900	
Lighting									
	Interior Lighting								
	Fluorescent	75%			2020	\$193,900	10	\$81,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	25%	0-2	\$64,600	2035	* *			
		Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Egress Lighting								
	Emergency, Battery	50%			2020	\$79,600	10	\$14,300	
	Exit, Battery	50%			2020	\$54,300	10	\$4,000	
	Exterior Lighting								
	HID	100%			2020	\$490,100	10	\$400	
Alarm									
	Security System								
	No Component	90%							
	Generic	10%			2020	\$39,300	1	\$4,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Front And Back Of The Building							
		Explanation : CCTV Surveillance Cameras Are Functional							
	Fire/Smoke Detection								
	No Component	90%							
	Generic, Analog	10%	Now	\$134,400	2035	* *	1-3	\$7,300	
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2035	**	1		
	Conversion Equipment								
	Radiant Heater	3%			2025	\$600	2		
		Other Observation, Extent : Light, Area Affected : 3%							
		Location : Office On 1st Level							
		Explanation : 1 Unit - Only The Office Has This Heating Device							
	No Component	97%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	**	1		
	Conversion Equipment								
	Window/Wall Unit	3%			2023	\$6,900	1		
		Other Observation, Extent : Light, Area Affected : 3%							
		Location : Management Office							
		Explanation : 1 Unit							
	No Component	97%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	5%			LIFE	**	2-5	\$3,300	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : 2nd Level Fan Room							
		Explanation : The Ductwork In 2nd Level Fan Room Has Not Been Used For Many Years							
	No Component	95%							
	Exhaust Fans								
	Interior	5%	Now	\$6,300	2035	**	2	\$100	
		Obsolete Equipment, Extent : Severe, Area Affected : 5%							
		Location : 2nd Level Fan Room							
	No Component	95%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	5%			2025	\$41,200	1		
	No Component	95%							
	Sanitary Piping								
	Cast Iron	5%			LIFE	**	1		
	No Component	95%							
	Storm Drain Piping								
	Cast Iron	100%	Now	\$4,600	LIFE	**	1		
		Cracked, Extent : Moderate, Area Affected : 10%							
		Location : 3rd Level							
	Sump Pump(s)								
	Submersible	100%			2019	\$4,100	4	\$4,100	
	Sewage Ejector(s)								
	Electric	100%			2020	\$35,000	4	\$7,800	
	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.

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

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

Vertical Transport

Elevators

Geared Traction

100%

LIFE

* *

Other Observation, Extent : Light, Area Affected : 100%

Location : Parking Levels 1-6

Explanation : 2 Units - 1 Of Them Is Out Of Service

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$913,200	
Interior Architecture	\$457,200	\$46,500
Electrical	\$94,400	
Total	\$1,464,800	\$46,500
Importance Code A	\$913,200	
Importance Code B	\$404,800	\$46,500
Importance Code C	\$146,800	
Total	\$1,464,800	\$46,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$27,900			
Electrical	\$500	\$21,000	\$400	\$400
Mechanical	\$1,000	\$500	\$400	\$200
Total	\$29,400	\$21,500	\$800	\$500
Importance Code A	\$28,000	\$400	\$100	\$100
Importance Code B	\$1,400	\$21,000	\$700	\$400
Total	\$29,400	\$21,500	\$800	\$500



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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	60%	Now	\$286,400	LIFE	**	5	\$23,800	1	
	Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
	Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
Metal Coiling Doors	40%	Now	\$359,100	2030	**	5	\$24,800		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
Windows									
Steel	100%	Now	\$153,600	2050	**	5	\$18,400	1	
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
Parapets									
Cast Stone/Terra Cotta	10%	Now	\$27,900	LIFE	**	5	\$4,300		
	Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
	Location : Throughout								
Masonry: Brick	90%	4+	\$114,100	LIFE	**	5	\$4,900		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
Roof									
Not Accessible	100%								
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Entire Roof								
	Explanation : Although Not Accessible, Roof Is Assumed To Be In Poor Condition								
Interior									
Floors									
Cast in Place Concrete	100%	Now	\$44,100	LIFE	**	5	\$46,500		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Interior Walls									
Masonry: Brick	100%	Now	\$146,800	LIFE	**				
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Ceilings									
Exposed Struc: Wood	100%	2-4	\$266,300	LIFE	**				
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	15%			2033	**	1	\$1,500	
	No Component	85%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	**	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	15%			2029	**	2	\$200	
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Office							
		Explanation : 410a Refrigerant							
	No Component	85%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	15%			LIFE	**	2-5	\$1,700	
	No Component	85%							
	Exhaust Fans								
	Interior	15%			2033	**	2	\$100	
	Wall Unit	5%			2020	\$300	2		
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	15%			2051	**	1		
	No Component	85%							
	Water Heater								
	Gas Fired	15%			2024	\$1,700	2		
	No Component	85%							
	Sanitary Piping								
	Cast Iron	15%			LIFE	**	1		
	No Component	85%							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$600	4	\$600	
	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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$102,100	\$54,700
Interior Architecture		\$352,600
Electrical	\$93,500	\$57,900
Total	\$195,600	\$465,200
Importance Code A	\$102,100	\$54,700
Importance Code B	\$93,500	\$410,500
Total	\$195,600	\$465,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,900	\$3,900		
Interior Architecture	\$2,900	\$1,500		\$600
Electrical	\$1,300	\$4,400	\$2,600	\$1,300
Mechanical	\$4,500	\$18,300	\$300	\$400
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$21,500	\$33,100	\$7,900	\$7,100
Importance Code A	\$7,900	\$5,400		
Importance Code B	\$13,600	\$27,700	\$7,900	\$7,100
Importance Code C				
Total	\$21,500	\$33,100	\$7,900	\$7,100



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

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

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$10,500	
Concrete Masonry Unit	35%			LIFE	**	5	\$9,200	
Masonry: Brick Cavity	5%	Now	\$7,900	LIFE	**	5	\$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Metal Coiling Doors	5%			2038	**	5	\$6,600	
Metal: Cage/Fence	5%			2038	**	5	\$9,200	
Pre-Cast Concrete	40%			LIFE	**	5	\$54,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North And South Facades								
Explanation : Metal Infills								
Window Wall	5%			2045	**	5	\$7,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Section Of First Floor On The South Side								
Explanation : Commercial Space Use								
Parapets								
Concrete Masonry Unit	40%			LIFE	**	5	\$1,400	
Metal Rail	5%			2038	**	5-10	\$2,700	
Pre-Cast Concrete	55%			LIFE	**	5	\$10,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North And South Parapets								
Explanation : Metal Infills								
Roof								
Traffic Topping	95%			2030	**	10	\$102,100	
Not Accessible	5%							
Interior								
Floors								
Cast in Place Concrete	94%			LIFE	**	5	\$313,700	
Ceramic Tile	3%			2034	**	5	\$4,600	
Vinyl Tile	3%			2025	\$38,900	3	\$2,300	
Interior Walls								
Cast in Place Concrete	8%			LIFE	**			
Concrete Masonry Unit	83%			LIFE	**	5	\$4,900	
Glass: Single Pane	2%			LIFE	**	5	\$200	
Masonry: Brick	7%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	2%			2030	**	5	\$3,100	
Exposed Concrete	98%			LIFE	**	5	\$23,400	

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

Under 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2045	**	5	\$3,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 500 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	**	5	\$3,000	
Raceway								
Conduit	100%			2045	**	1		
Panelboards								
Molded Case Bkrs	100%			2041	**	5	\$3,000	
Wiring								
Thermoplastic	100%			2045	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,600	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$93,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Exit, Service	100%			2030	**	1		
Exterior Lighting								
HID	100%			2030	**	10	\$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	**	1	\$8,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Only								
Explanation : 6 CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%			2025	\$57,900	1-3	\$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 5th And 4th Floor								
Explanation : Alarm Bells								
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	**	1		

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

DEPARTMENT OF TRANSPORTATION - 841

E. 149 STREET GARAGE

Asset # : 14319

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Radiant Heater	2%			2025	\$300	2		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Office Only							
		Explanation : 1 Unit							
	No Component	98%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	* *	1		
	Conversion Equipment								
	Window/Wall Unit	2%			2020	\$4,000	1		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Office Only							
		Explanation : 1 Unit							
	No Component	98%							
	Distribution								
	No Component	0%							
Ventilation									
	Exhaust Fans								
	Wall Unit	5%			2020	\$1,700	2	\$200	
	No Component	95%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	5%			2035	* *	1		
	No Component	95%							
	Water Heater								
	Electric	5%			2019	\$4,200	4		
	No Component	95%							
	Sanitary Piping								
	Cast Iron	5%			LIFE	* *	1		
	No Component	95%							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	No Component	50%							
	Generic	50%			2020	\$12,100	1	\$3,100	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1-4 And Roof							
		Explanation : 1 Unit							
Fire Suppression									
	Standpipe								
	Generic	100%			2035	* *	1-5	\$500	

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
No Component		98%						
Generic		2%		2025	\$200	1-2		

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FLATLANDS AVENUE YARD MAIN BUILDING
Address : 6080 FLATLANDS AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0125.000 / 1000 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 20,821 **Project Type** : HIGHWAYS
Date of Survey : 30-Oct-2014 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 8012 **Lot** : 400 **BIN** : 3325350

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$192,300	
Interior Architecture		\$55,000
Electrical	\$186,700	
Mechanical		\$818,700
Total	\$379,000	\$873,700
Importance Code A	\$192,300	
Importance Code B	\$186,700	\$873,700
Total	\$379,000	\$873,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$48,300		\$3,800	\$7,600
Interior Architecture	\$56,300	\$200		
Electrical	\$34,500	\$600	\$17,900	\$400
Mechanical	\$5,800	\$3,300	\$7,900	\$3,800
Total	\$144,900	\$4,100	\$29,600	\$11,700
Importance Code A	\$50,100	\$1,800	\$5,700	\$9,400
Importance Code B	\$74,200	\$2,300	\$23,800	\$2,300
Importance Code C	\$20,600			
Total	\$144,900	\$4,100	\$29,600	\$11,700



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
FLATLANDS AVENUE YARD MAIN BUILDING
Asset # : 1000

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	\$128,600	LIFE	**	5	\$21,300	
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : At Masonry Openings Of Windows							
	Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%							
	Location : At Masonry Openings							
	Vertical Cracks, Extent : Light, Area Affected : 10%							
	Location : Chimney							
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : Throughout Window Openings							
Metal Coiling Doors	10%			2031	**	5	\$7,700	
Stucco Cement	3%	Now	\$21,300	2046	**	5	\$900	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Bulkhead							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Bulkhead							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Bulkhead							
Windows								
Aluminum	100%			2042	**	5	\$3,300	
Parapets								
Masonry: Brick	90%	Now	\$27,000	LIFE	**	5	\$2,300	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%							
	Location : Interior Face							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Inside Face							
Masonry: Limestone	10%			LIFE	**	5	\$300	
Roof								
Built-Up (BUR)	10%			2026	\$18,300	10	\$4,000	
	Gravel/Slag Surface, Extent : Moderate, Area Affected : 20%							
	Location : Flat Section							
Metal Panel	87%			2039	**	10	\$63,700	
Roll Roofing	3%			2022	\$4,900	5	\$2,000	
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$26,100	LIFE	**	5	\$55,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : Shop Area							
Ceramic Tile	5%			2029	**	5	\$1,400	
Vinyl Tile	5%			2026	\$11,900	3	\$500	

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

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

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

Interior

Interior Walls

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

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

Location : Upper Level

Ceilings

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

Location : Throughout

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

Under 600 Volts

Service Equipment

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

Location : Electrical Room

Explanation : One Electrical Service Rated At 400 Amperes

Raceway

Conduit	100%			2026		\$3,700	1		
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Panelboards

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

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

Location : Office Plus Electrical Room

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

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

Grounding Devices

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

Location : Basement

Explanation : Water Main

Lighting

Interior Lighting

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

Location : Throughout The Building

Explanation : T-8 Lamps

HID	70%			2031	**	10			\$400
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

Lighting

Egress Lighting

Exit, Service

50%

2021

\$2,500

1

Exit, Battery

50%

2021

\$8,600

10

\$600

Exterior Lighting

HID

100%

2021

\$78,500

10

\$100

Alarm

Fire/Smoke Detection

No Component

70%

Generic, Analog

30%

2021

\$64,600

1-3

\$3,900

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

Heating

Energy Source

Natural Gas

100%

2036

* *

1

Conversion Equipment

Steam Boiler

100%

2031

* *

1

\$18,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 2 Units, One Is Obsolete*

Distribution

Central Plant Steam

100%

2026

\$295,400

4

\$900

Piping/Pmp

Terminal Devices

Convactor/Radiator

15%

2024

\$14,000

1

\$900

Fan Coil Unit/Heat

85%

2026

\$222,200

1

\$5,100

Air Conditioning

Energy Source

Electricity

100%

2034

* *

1

Conversion Equipment

Window/Wall Unit

10%

2021

\$3,600

1

No Component

90%

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$10,400

Exhaust Fans

Roof

30%

2026

\$8,700

2

\$200

Wall Unit

70%

2026

\$4,300

2

\$400

Plumbing

H/C Water Piping

Brass/Copper

100%

2026

\$130,100

1

Water Heater

Gas Fired

100%

2026

\$10,600

2

\$300

*Recent Installation, Extent : Light, Area Affected : 100%**Location : Basement*

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%	0-2	\$3,000	2036	* *	4	\$400	
	On Extended Life, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2026	\$170,900	1-2	\$5,200	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FLATLANDS AVENUE YARD WAREHOUSE AND WELDING SHOP
Address : 6080 FLATLANDS AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0125.010 / 1036 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 2,788 **Project Type** : HIGHWAYS
Date of Survey : 30-Oct-2014 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 8012 **Lot** : 400 **BIN** : 3325350

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,000		\$6,100	
Interior Architecture	\$7,000	\$100		\$100
Electrical			\$700	
Mechanical	\$3,600	\$200	\$3,100	\$100
Total	\$42,500	\$300	\$9,900	\$200
Importance Code A	\$32,000		\$6,100	
Importance Code B	\$6,100	\$300	\$3,800	\$200
Importance Code C	\$4,400			
Total	\$42,500	\$300	\$9,900	\$200



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

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

Architecture		Current Repair			Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior										
Exterior Walls	Masonry: Brick	85%	Now	\$25,200	LIFE	* *	5	\$2,800	1	
		Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
		Location : Throughout								
		Rusting Masonry Supt, Extent : Severe, Area Affected : 50%								
		Location : At Masonry Openings								
	Metal Coiling Doors	Vertical Cracks, Extent : Moderate, Area Affected : 10%								
		Location : Corners								
		15%			2031	* *	5	\$1,500		
Windows										
Aluminum	100%	Now	\$900	2042	* *	5	\$200			
	Air Infiltration, Extent : Light, Area Affected : 50%									
	Location : Throughout									
	Glazing Broken/Cracked, Extent : Light, Area Affected : 10%									
	Location : Throughout									
Parapets										
Masonry: Brick	Masonry: Brick	95%	Now	\$5,700	LIFE	* *	5	\$300	1	
		Diagonal Cracks, Extent : Severe, Area Affected : 30%								
		Location : At Corners								
		Vertical Cracks, Extent : Severe, Area Affected : 30%								
		Location : Corners								
	Masonry: Limestone	5%	Now	\$100	LIFE	* *	5			
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
		Location : Throughout								
Roof										
Built-Up (BUR)	100%			2031	* *	10	\$5,300			
Interior										
Floors	Cast in Place Concrete	70%	Now	\$1,400	LIFE	* *	5	\$5,700		
		Cracking/Crumbling, Extent : Light, Area Affected : 10%								
		Location : Throughout								
		Ceramic Tile	5%			2035	* *	5	\$200	
			Vinyl Tile	25%	0-2	\$800	2031	* *	3	\$400
	Cracking/Crumbling, Extent : Light, Area Affected : 10%									
	Location : Throughout									
	Interior Walls									
	Gypsum Board	25%			LIFE	* *	5	\$200		
		Masonry: Brick	75%	0-2	\$4,400	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%										
Location : Throughout										
Ceilings										
AcousTileSusp.Lay-In	25%	0-2	\$400	2031	* *	5	\$500			
	Cracking/Crumbling, Extent : Light, Area Affected : 10%									
	Location : Throughout									
	Exposed Concrete	75%			LIFE	* *	5	\$400		

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

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

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2026	\$3,700	1		
	Panelboards								
	Molded Case Bkrs	100%			2034	* *	5	\$100	
	Wiring								
	Thermoplastic	100%			2036	* *	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	85%			2034	* *	10	\$1,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	HID	10%			2026	\$2,000	10		
	Incandescent	5%			2021	\$700	2		
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2036	* *	4	\$200	
	Terminal Devices								
	Convactor/Radiator	100%			2031	* *	1	\$800	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	20%			2021	\$1,000	1		
	No Component	80%							
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2026	\$800	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	0-2	\$3,500	2036	* *	1		
		Corroded, Extent : Moderate, Area Affected : 20%							
		Location : Water Main And Piping							
	Water Heater								
	Electric	100%			2021	\$2,100	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		

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

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GLENDALE YARD BLDG. 7 (GARAGE AND STORAGE)
Address : 69-46 SYBILLA STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0126.020 / 2424 **Yr Built/Renovated** : 1928 / 2012
Area Sq Ft : 5,700 **Project Type** : HIGHWAYS
Date of Survey : 08-Sep-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3886 **Lot** : 558 **BIN** : 4095043

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$87,800	
Total	\$87,800	
Importance Code A	\$87,800	
Total	\$87,800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,000			
Interior Architecture	\$28,000		\$2,000	
Electrical	\$400	\$400	\$400	\$300
Mechanical	\$300	\$300	\$300	\$300
Total	\$66,700	\$700	\$2,700	\$600
Importance Code A	\$38,300	\$300	\$300	\$300
Importance Code B	\$21,300	\$400	\$2,500	\$300
Importance Code C	\$7,100			
Total	\$66,700	\$700	\$2,700	\$600



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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Asset # : 2424

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Alum/Vinyl Siding	10%			2048	**	10	\$400	
	Cast in Place Concrete	15%			LIFE	**	5	\$17,400	
	Masonry: Brick	70%	Now	\$48,900	LIFE	**	5	\$8,100	
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : Mens Locker Room								
	Worn/Eroded, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
	Metal Coiling Doors	5%			2033	**	5	\$1,800	
Windows									
	Aluminum	100%			2044	**	5	\$2,300	
Parapets									
	Masonry: Brick	45%	Now	\$38,900	LIFE	**	5	\$3,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Masonry: Brick	50%			LIFE	**	5-10	\$25,600	
	Metal Panel	5%			2048	**	5	\$1,500	
Roof									
	Built-Up (BUR)	15%	Now	\$3,600	2033	**			
	Debris on Roof, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Above Mens Locker Room And Staff Room								
	Modified Bitumen	85%	Now	\$2,600	2033	**			
	Water Penetration, Extent : Moderate, Area Affected : 2%								
	Location : Roof Penetration Above Storage Room								
Interior									
Floors									
	Cast in Place Concrete	75%	Now	\$10,500	LIFE	**	5	\$22,100	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
	Location : Floor Slab On Apparatus Floor								
	Vinyl Tile	25%			2033	**	3	\$1,300	
Interior Walls									
	Concrete Masonry Unit	5%			LIFE	**	5	\$1,000	
	Gypsum Board	10%	0-2	\$500	LIFE	**	5	\$1,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
	Location : Male Locker Room And Staff Room								
	Masonry: Brick	85%			LIFE	**	10	\$6,100	
Ceilings									
	AcousTileSusp.Lay-In	25%			2041	**	5	\$3,200	
	Exposed Concrete	75%			LIFE	**	5-10	\$11,900	

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
GLENDAL 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	

Site Pavements

Parking/Driveway

Asphalt

100%

2037

**

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%

2054

**

5

\$200

Other Observation, Extent : Moderate, Area Affected : 100%

Location : Outside

Explanation : One 400 Amperes Main Disconnect Switch Located At The Yard

Raceway

Conduit

100%

2054

**

1

Panelboards

Fused Disc Sw

5%

2050

**

5

Molded Case Bkrs

95%

2050

**

5

\$100

Wiring

Thermoplastic

100%

2054

**

1

Motor Controllers

Locally Mounted

100%

2045

**

5

Ground

Grounding Devices

Not Accessible

100%

Lighting

Interior Lighting

Fluorescent

20%

2036

**

10

\$1,000

T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%

Location : Garage

Fluorescent

80%

2036

**

10

\$4,200

T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%

Location : Offices And Storage 1st Floor

Egress Lighting

Emergency, Battery

50%

2036

**

10

\$700

Exit, Service

50%

2036

**

1

Exterior Lighting

HID

100%

2036

**

10

Alarm

Fire/Smoke Detection

Generic, Digital

100%

2036

**

1-3

\$3,500

Other Observation, Extent : Moderate, Area Affected : 100%

Location : 1st Floor Storage Room

Explanation : Fire Alarm System Is For The Gas Station Only And Not For The Building

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Asset # : 2424

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	100%			2028	\$12,600	1	\$2,800	
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : Not In Service Because No Gas Connection. 1st Floor							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : 3 Units							
Air Conditioning									
	Energy Source								
	Electricity	100%			2044	* *	1		
	Conversion Equipment								
	Window/Wall Unit	40%			2026	\$4,400	1		
	No Component	60%							
Ventilation									
	Exhaust Fans								
	Wall Unit	40%			2033	* *	2	\$100	
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2048	* *	1		
	Water Heater								
	Electric	100%			2026	\$4,700	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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$38,400
Total		\$38,400
Importance Code A		\$38,400
Total		\$38,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$3,500	
Interior Architecture			\$700	
Electrical	\$28,700	\$15,800	\$1,500	\$1,100
Mechanical	\$1,400	\$1,400	\$2,500	\$1,600
Total	\$30,100	\$17,300	\$8,200	\$2,600
Importance Code A	\$2,200	\$700	\$4,200	\$700
Importance Code B	\$27,900	\$16,600	\$4,000	\$1,900
Importance Code C				
Total	\$30,100	\$17,300	\$8,200	\$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
HARLEM RIVER BRIDGE SHOP GARAGE 1
Asset # : 549

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

Exterior

Exterior Walls

Masonry: Brick	97%			LIFE		**	5	\$38,400	
Pre-Cast Concrete	3%			LIFE		**	5	\$3,900	

Windows

Aluminum	50%			2041		**	5	\$1,500	
Fiberglass Panel	50%			2041		**	5	\$5,500	

Parapets

Masonry: Brick	95%			LIFE		**	5	\$5,200	
Pre-Cast Concrete	5%			LIFE		**	5	\$1,700	

Roof

Single Ply Membrane	100%			2033		**	10	\$19,900	
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Interior

Floors

Cast in Place Concrete	70%			LIFE		**	5	\$32,500	
Terrazzo	5%			LIFE		**	5	\$800	
Vinyl Tile	25%			2030		**	3	\$2,000	

Interior Walls

Concrete Masonry Unit	90%			LIFE		**	5	\$6,800	
Glass: Single Pane	5%			LIFE		**	5	\$700	
SGFT/Glazed Masonry	5%			LIFE		**			

Ceilings

AcousTileSusp.Lay-In	10%			2038		**	5	\$2,100	
Exposed Struc: Steel	75%			LIFE		**			
Gypsum Board	15%			LIFE		**	5	\$4,000	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%	2-4		\$1,500	2055	**	5		
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Suspect Water Damage, Extent : Severe, Area Affected : 100%

Location : Electrical Room

Other Observation, Extent : Severe, Area Affected : 100%

Location : Basement Electrical Room

Explanation : One 2500 Amperes Main Disconnect Switch, Water Damaged From Sandy Storm

Switchgear / Switchboard

Fused Disc Sw	100%	Now		\$24,400	2055	**	5		
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Suspect Water Damage, Extent : Severe, Area Affected : 100%

Location : Basement Electrical Room

Raceway

Conduit	90%				2051	**	1		
Conduit	10%	Now		\$400	2055	**	1		

Corroded, Extent : Severe, Area Affected : 10%

Location : Basement Electrical Room

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2035	* *	1		
	Conversion Equipment								
	Furnace	85%			2030	* *	1	\$6,000	
		Other Observation, Extent : Light, Area Affected : 85%							
		Location : Roof							
		Explanation : 6 Roof Top Units							
	Hot Water Boiler	15%			2045	* *	1	\$1,100	
		Recent Replace Evident, Extent : Light, Area Affected : 30%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Basement							
		Explanation : 1 Unit							
	Distribution								
	Hot Wtr Piping/Pump	15%			2041	* *	4	\$100	
	No Component	85%							
	Terminal Devices								
	Convactor/Radiator	15%			2038	* *	1	\$700	
	No Component	85%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2030	* *	2	\$900	
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 6 Units							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,900	
	Exhaust Fans								
	Roof	100%			2030	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$8,100	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2030	* *	4	\$300	

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

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

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

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$46,700
Total		\$46,700
Importance Code A		\$46,700
Total		\$46,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$23,200	\$4,500
Interior Architecture			\$3,600	
Electrical	\$1,500	\$1,500	\$1,900	\$1,800
Mechanical	\$2,500	\$1,700	\$3,900	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$7,900	\$7,100	\$36,500	\$11,900
Importance Code A	\$1,000	\$1,000	\$24,200	\$5,500
Importance Code B	\$6,900	\$6,100	\$12,300	\$6,500
Importance Code C				
Total	\$7,900	\$7,100	\$36,500	\$11,900



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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	80%			LIFE	**	5	\$18,500	
	Metal Panel	20%			2051	**	5-10	\$31,800	
	Windows								
	Aluminum	100%			2047	**	5	\$8,900	
	Parapets								
	Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,500	
	Masonry: Brick	90%			LIFE	**	5	\$2,900	
	Roof								
	Single Ply Membrane	100%			2033	**	10	\$46,700	
Interior									
	Floors								
	Traffic Topping	5%			2033	**	5	\$1,900	
	Vinyl Tile	95%			2033	**	3	\$10,700	
	Interior Walls								
	Concrete Masonry Unit	90%			LIFE	**	5	\$10,900	
	Glazed Ceramic Panel	5%			LIFE	**			
	Gypsum Board	5%			LIFE	**	5	\$900	
	Ceilings								
	AcousTileSusp.Lay-In	100%			2038	**	5	\$30,100	
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2051	**	1		
	Panelboards								
	Fused Disc Sw	10%			2047	**	5		
	Molded Case Bkrs	90%			2047	**	5	\$500	
	Wiring								
	Thermoplastic	100%			2051	**	1		
	Motor Controllers								
	Locally Mounted	100%			2042	**	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2033	**	10	\$16,600	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 90% Location : Throughout The Building							
	Fluorescent	10%			2033	**	10	\$1,800	
		T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 10% Location : Shop And Storage							
	Egress Lighting								
	Emergency, Battery	50%			2033	**	10	\$2,400	
	Exit, LED	50%			2060	**	1		

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

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

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

Lighting

Exterior Lighting

HID

100%

2033

* *

10

\$100

Alarm

Security System

No Component

50%

Generic

50%

2033

* *

1

\$3,800

Fire/Smoke Detection

Generic, Digital

100%

2033

* *

1-3

\$12,400

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

Heating

Energy Source

Natural Gas

100%

2051

* *

1

Conversion Equipment

Furnace

80%

2033

* *

1

\$8,000

*Other Observation, Extent : Light, Area Affected : 80%**Location : Roof**Explanation : 3 Package Units*

Hot Water Boiler

20%

2042

* *

1

\$2,000

*Other Observation, Extent : Light, Area Affected : 20%**Location : 3rd Floor Penthouse**Explanation : 1 Unit*

Distribution

Hot Wtr Piping/Pump

20%

2047

* *

4

\$300

No Component

80%

Terminal Devices

Convactor/Radiator

20%

2042

* *

1

\$1,300

No Component

80%

Air Conditioning

Energy Source

Electricity

100%

2047

* *

1

Conversion Equipment

Ext Pkg Unit -

Heating/Cooling

100%

2033

* *

2

\$1,200

*R-134a Refrigerant, Extent : Light, Area Affected : 100%**Location : 3 Units, Roof*

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$11,200

Exhaust Fans

Roof

100%

2033

* *

2

\$600

Plumbing

H/C Water Piping

Brass/Copper

100%

2051

* *

1

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

Estimates are rounded to the nearest hundred dollars.

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
	Water Heater							
	Gas Fired	100%		2024	\$11,500	2	\$300	
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	* *	1		
	Backflow Preventer							
	Generic	100%		2033	* *	1	\$1,200	
	Fixtures							
	Generic	100%						
Vertical Transport								
	Elevators							
	Hydraulic	100%		LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-3							
	Explanation : 1 Unit							
Fire Suppression								
	Sprinkler							
	Generic	100%		2051	* *	1-2	\$5,600	

*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.*

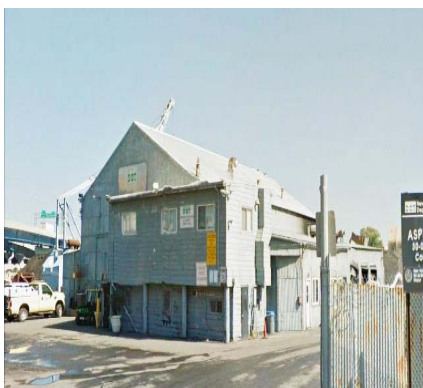
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical	\$113,800	
Mechanical		\$38,700
Total	\$113,800	\$38,700
Importance Code B	\$113,800	\$38,700
Total	\$113,800	\$38,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$18,100		\$2,700	\$14,800
Interior Architecture	\$7,500	\$1,200		
Electrical	\$2,900	\$1,300	\$24,600	\$1,000
Mechanical	\$800	\$1,300	\$1,000	\$1,200
Total	\$29,400	\$3,800	\$28,200	\$17,000
Importance Code A	\$18,600	\$300	\$3,100	\$15,100
Importance Code B	\$10,800	\$3,400	\$25,100	\$1,900
Importance Code C		\$100		
Total	\$29,400	\$3,800	\$28,200	\$17,000



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

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

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

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

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

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

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

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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
HARPER ST. ASPHALT PLANT
Asset # : 14715

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Generators								
	Diesel	100%			2022	\$73,000	1	\$4,200	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Generator Room - Main Office Building						
			Explanation : One 500 Kw, One 800 Kw And One 900 Kw. The Three Generators Are For The Asphalt Plant Only						
Batteries									
	Lead/Acid	100%			2019	\$1,500	5	\$400	
Fuel Storage									
	Day Tank	25%			2025	\$200	5	\$500	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Genrator Room						
			Explanation : One 125 Gallons						
	Main Tank	75%			2029	* *	5	\$200	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Outside						
			Explanation : Three 25,000 Gallon						
Lighting									
	Interior Lighting								
	Fluorescent	90%			2031	* *	10	\$8,000	
			T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%						
			Location : Throughout The Building						
	HID	5%			2021	\$4,000	10		
	Incandescent	5%			2021	\$2,500	2		
Egress Lighting									
	Emergency, Battery	50%			2021	\$6,500	10	\$1,200	
	Exit, Service	50%			2021	\$1,300	1		
Exterior Lighting									
	HID	100%			2021	\$40,700	10		
Alarm									
	Security System								
	No Component	50%							
	Generic	50%			2026	\$16,300	1	\$2,000	

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	60%			2026	\$12,800	1	\$2,900	
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Garage							
		Explanation : 3 Units							
	Radiant Heater	20%			2031	**	2	\$900	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : 1st Floor							
		Explanation : 2 Units							
	No Component	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Office							
		Explanation : Heating Is Provided By A Heat Pump Listed Only Under Air Conditioning Conversion Equipment							
Terminal Devices									
	Air Handler	20%			2026	\$20,400	1	\$1,200	
	Fan Coil Unit/Heat	20%			2026	\$21,700	1	\$600	
	No Component	60%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	**	1		
	Conversion Equipment								
	Heat Pump Air Sourced	20%			2024	\$4,700	2	\$100	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Office							
		Explanation : 1 Unit - Provides Both Heating And Cooling							
	Split Unit	20%			2026	\$38,700			
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Laboratory							
		Explanation : 1 Unit							
	No Component	60%							
Terminal Devices									
	Air Handler/Cool/Ht	20%			2026	\$8,100	1	\$1,200	
	Fan Coil - 4 Pipe	20%			2026	\$17,000	1	\$600	
	No Component	60%							
	Heat Rejection								
	Dry Cooler	40%			2026	\$7,900	2	\$2,700	
	No Component	60%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	20%			LIFE	**	2-5	\$1,100	
	No Component	80%							
Exhaust Fans									
	Interior	20%			2026	\$6,400	2	\$100	
	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
HARPER ST. ASPHALT PLANT
Asset # : 14715

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
	H/C Water Piping Brass/Copper	100%		2036	* *	1		
	Water Heater Electric	100%		2024	\$8,000	4	\$100	
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Fixtures Generic	100%						

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : JEROME - GUN HILL ROAD GARAGE
Address : 3510 JEROME AVENUE @ GUN HILL RD.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0204.000 / 14317 **Yr Built/Renovated** : 1979 /
Area Sq Ft : 78,600 **Project Type** : HIGHWAYS
Date of Survey : 09-Oct-2014 **Landmark Status** : NONE
Areas Surveyed : Floors 1,2,3
Block : 3328 **Lot** : 10 **BIN** : 2017791

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$212,800	\$106,200
Interior Architecture	\$73,100	
Electrical	\$879,800	\$48,800
Total	\$1,165,600	\$155,000
Importance Code A	\$212,800	\$106,200
Importance Code B	\$952,800	\$48,800
Total	\$1,165,600	\$155,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,800			
Interior Architecture				
Electrical	\$2,300	\$1,300	\$28,700	\$300
Mechanical	\$9,900		\$600	
Total	\$52,000	\$1,300	\$29,300	\$300
Importance Code A	\$39,800		\$1,600	
Importance Code B	\$12,300	\$1,300	\$27,600	\$300
Importance Code C				
Total	\$52,000	\$1,300	\$29,300	\$300



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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	80%	Now	\$119,600	LIFE	* *	5	\$106,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Street Facade							
		Worn/Eroded, Extent : Light, Area Affected : 10%							
		Location : Street Facade							
	Metal Sect. OHD	5%	Now	\$8,300	2031	* *	5	\$2,100	
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Street Facade							
		Explanation : Broken Missing Elements							
	Metal: Cage/Fence	15%	Now	\$9,000	2031	* *	5	\$8,700	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
		Location : Street Facade							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Street Facade							
Windows									
	Steel	5%	Now	\$4,200	2051	* *	5	\$500	
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Ticket Office							
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
		Location : Ticket Office							
	No Component	95%							
Parapets									
	Cast in Place Concrete	75%	Now	\$15,200	LIFE	* *	5	\$24,700	
		Spalling, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Vertical Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Metal: Cage/Fence	25%	Now	\$3,200	2031	* *	5	\$2,600	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : East Facade, South Facade							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : East Facade, South Facade							
Roof									
	Cast in Place Concrete	100%	Now	\$93,200	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Top Ramp							
		Ponding, Extent : Moderate, Area Affected : 25%							
		Location : Exterior Ramps Up Top							
		Recent Repair Evident, Extent : Light, Area Affected : 25%							
		Location : Top Ramp - Expansion Joint							

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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
JEROME - GUN HILL ROAD GARAGE
Asset # : 14317

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

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

Alarm

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

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

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

Alarm

Security System

No Component

90%

Generic

10%

2021

\$23,700

1

\$2,900

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

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

Heating

Energy Source

Electricity

100%

2036

* *

1

Conversion Equipment

Radiant Heater

5%

2021

\$600

2

No Component

95%

Air Conditioning

Energy Source

Electricity

100%

2034

* *

1

Conversion Equipment

Window/Wall Unit

5%

2019

\$7,000

1

No Component

95%

Plumbing

H/C Water Piping

Brass/Copper

5%

2036

* *

1

No Component

95%

Water Heater

Electric

5%

2019

\$2,900

4

No Component

95%

Sanitary Piping

Cast Iron

5%

LIFE

* *

1

No Component

95%

Storm Drain Piping

Cast Iron

100%

LIFE

* *

1

Fixtures

Generic

100%

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : JEROME 190TH ST. GARAGE
Address : JEROME AVE. AND 190TH ST.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0120.000 / 175 **Yr Built/Renovated** : 1961 / 2007
Area Sq Ft : 149,514 **Project Type** : HIGHWAYS
Date of Survey : 19-Oct-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3,4,5,6,7
Block : 3189 **Lot** : 9 **BIN** : 2014125

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$71,400	\$132,600
Interior Architecture	\$1,382,800	\$146,900
Electrical		\$250,600
Mechanical	\$102,300	\$706,500
Total	\$1,556,500	\$1,236,700
Importance Code A	\$71,400	\$256,500
Importance Code B	\$1,311,000	\$980,200
Importance Code C	\$174,100	
Total	\$1,556,500	\$1,236,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$101,300			
Interior Architecture	\$116,100			\$800
Electrical	\$16,400	\$14,000	\$16,800	\$15,700
Mechanical	\$7,300	\$2,800	\$6,200	\$5,600
Site Enclosure	\$300			
Elevators/Escalators	\$13,800	\$13,800	\$13,800	\$13,800
Total	\$255,200	\$30,600	\$36,700	\$36,000
Importance Code A	\$102,000		\$700	
Importance Code B	\$96,000	\$30,600	\$36,100	\$36,000
Importance Code C	\$57,200			
Total	\$255,200	\$30,600	\$36,700	\$36,000



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
JEROME 190TH ST. GARAGE
Asset # : 175

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	0-2	\$16,600	LIFE	* *	5	\$29,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout							
	Masonry: Brick	17%	0-2	\$30,200	LIFE	* *	5	\$20,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout							
	Metal Panel	60%	Now	\$25,400	2038	* *	5	\$132,600	
		Corrosion/Rusting, Extent : Severe, Area Affected : 5% Location : 7th Floor Bulkhead - At Base Of Wall							
	Metal Sect. OHD	5%			2033	* *	5	\$18,400	
	Granite Panels	10%			LIFE	* *	5	\$17,700	
	Pre-Cast Concrete	3%			LIFE	* *	5	\$23,000	
Windows									
	Steel	20%	Now	\$71,400	2053	* *	5	\$7,500	
		Deteriorated Finish, Extent : Moderate, Area Affected : 35% Location : Stairs, 1st Floor Spaces And Bulkhead Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Stairs And Throughout Other Observation, Extent : Light, Area Affected : 50% Location : At Grade Explanation : Protective Metal Grilles							
	No Component	80%							
Parapets									
	Cast in Place Concrete	40%	Now	\$5,200	LIFE	* *	5	\$8,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 5% Location : 7th Floor Roof Deck Walls							
	Masonry: Brick	10%			LIFE	* *	5-10	\$1,400	
	Metal Panel	45%			2038	* *	5	\$3,600	
	Metal Rail	5%			2033	* *	5-10	\$1,900	
Roof									
	Asphalt Macadam	95%	0-2	\$2,400	2033	* *	5	\$1,200	
		Cracking/Crumbling, Extent : Light, Area Affected : 20% Location : Throughout Drains Inad/Misposn, Extent : Severe, Area Affected : 10% Location : Parking Spaces 401 And 403 - 7th Floor Deck Water Penetration, Extent : Light, Area Affected : 10% Location : Throughout							
	Metal Panel	5%			2033	* *	10	\$300	

Interior

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

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

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Asphalt Macadam	88%	0-2	\$298,200	2041	**	5	\$73,700	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 10%							
		Location : At Floor Drains And Water Drain Lines - Levels1, 2, 2.5, 3 And Grid Columns C-5, D-3							
		Explanation : Ponding/ Erosion/ Heaving							
	Cast in Place Concrete	10%	0-2	\$34,800	LIFE	**	5	\$73,300	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : 1st Level							
	Vinyl Tile	2%	0-2	\$56,900	2038	**	3	\$2,500	
		Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
Interior Walls									
	Cast in Place Concrete	50%	0-2	\$174,100	LIFE	**			
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%							
		Location : At Main Entrance And Throughout							
	Concrete Masonry Unit	25%	0-2	\$30,600	LIFE	**	5	\$11,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout Stairwell							
	Masonry: Brick	15%			LIFE	**	10	\$5,000	
	SGFT/Glazed Masonry	10%	0-2	\$21,300	LIFE	**			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout First Floor Offices							
Ceilings									
	Exposed Concrete	95%	Now	\$853,600	LIFE	**	5	\$33,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Level 1							
		Diagonal Cracks, Extent : Severe, Area Affected : 3%							
		Location : Grid D-3 Beam							
		Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
		Location : Various Locations Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 5%							
		Location : Level 6.5 At Spots 335-337 And Level 6 Spots 330, 313							
	Gypsum Board	5%			LIFE	**	5-10	\$38,500	
Site Enclosure									
	Fence/Gates								
	Chain link	100%			2038	**			
Free Standing Walls									
	Cast in Place Concrete	50%	Now	\$300	2048	**			
		Cracking/Crumbling, Extent : Severe, Area Affected : 15%							
		Location : West Wall - Rear Yard							
	Masonry: Fieldstone	50%			2028	\$18,600			

*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	

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%		2041	**
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Parking/Driveway

Cast in Place Concrete	100%		2033	**
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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%		2028	\$4,800	5	\$600
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Next To Main Office**Explanation : Main Service Disconnect Switch Rated @ 600 Amperes.*

Switchgear / Switchboard

Molded Case Bkrs	100%		2028	\$73,200	5	\$3,900
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Raceway

Conduit	90%		2028	\$13,500	1	
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Conduit	10%		2048	**	1	
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Panelboards

Molded Case Bkrs	10%		2044	**	5	\$400
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Molded Case Bkrs	90%		2027	\$40,300	5	\$3,500
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Wiring

Thermoplastic	90%		2028	\$29,400	1	
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Thermoplastic	10%		2048	**	1	
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Ground

Grounding Devices

Generic	100%		LIFE	**	5	\$4,400
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Mens Toilet Room**Explanation : Connected To Metal Water Pipe.*

Lighting

Interior Lighting

Fluorescent	4%		2033	**	10	\$5,500
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*T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%**Location : Offices*

Fluorescent	96%		2033	**	10	\$131,600
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*Compact Fluorescent Light, Extent : Light, Area Affected : 100%**Location : Garage*

Egress Lighting

Exit, Service	100%		2033	**	1	
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Exterior Lighting

HID	100%		2033	**	10	\$500
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Outside**Explanation : 17 HID Light Fixtures Controlled By Timer Switch*

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

Alarm

Security System
Generic

100% 2033 * * 1 \$55,800

Other Observation, Extent : Light, Area Affected : 100%

Location : 1st Floor

Explanation : 7 CCTV Surveillance Cameras

Fire/Smoke Detection
Generic, Digital

100% 2033 * * 1-3 \$92,100

Other Observation, Extent : Light, Area Affected : 100%

Location : Throughout The Building

Explanation : Smoke Detector, Strobe Lights, Alarm Bells, Manual Pull Station

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

Heating

Energy Source
Electricity

100% 2038 * * 1

Conversion Equipment
Radiant Heater

5% 2023 \$123,900 2 \$3,500

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

Location : Office And Restrooms

Explanation : 6 Units

No Component

95%

Air Conditioning

Energy Source
Electricity

100% 2036 * * 1

Conversion Equipment
Window/Wall Unit

5% 2023 \$14,600 1

No Component

95%

Ventilation

Distribution

Ductwork/Diffusers

2% LIFE * * 2-5 \$2,600

No Component

98%

Exhaust Fans

Interior

3% 2028 \$14,900 2 \$100

No Component

97%

Plumbing

H/C Water Piping

Brass/Copper

5% 2038 * * 1

No Component

95%

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
Water Heater	Electric	3%			2026	\$3,700	4		
		Other Observation, Extent : Light, Area Affected : 3% Location : Staff Restroom Explanation : 1 Unit							
	Electric	2%			2021	\$2,500	4		
		Other Observation, Extent : Light, Area Affected : 2% Location : Public Mens Room Explanation : 1 Unit							
	No Component	95%							
Sanitary Piping									
Cast Iron		100%	Now	\$102,300	LIFE	* *	1		
		Other Observation, Extent : Severe, Area Affected : 10% Location : D3 On Level 1, Level 2 1/2, Level 3 1/2, C5 On Level 2 Explanation : Corroded, Cracked And Clogged							
Storm Drain Piping									
Cast Iron		100%			LIFE	* *	1		
Fixtures									
Generic		100%							
Vertical Transport									
Elevators									
Geared Traction		100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100% Location : 1-6, Roof Explanation : 2 Units							
Fire Suppression									
Standpipe									
Generic		100%			2028	\$582,700	1-5	\$78,200	

*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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$276,700	
Electrical		\$100,500
Total	\$276,700	\$100,500
Importance Code A	\$276,700	
Importance Code B		\$100,500
Total	\$276,700	\$100,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$35,800			
Interior Architecture	\$700	\$500		\$500
Electrical	\$900	\$900	\$800	\$700
Mechanical	\$1,800	\$1,200	\$17,500	\$1,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$43,200	\$6,600	\$22,200	\$6,600
Importance Code A	\$36,600	\$500	\$800	\$500
Importance Code B	\$6,600	\$6,000	\$21,400	\$6,100
Importance Code C				
Total	\$43,200	\$6,600	\$22,200	\$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.

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

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

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	20%			2046	* *	1		
	Natural Gas	80%			2046	* *	1		
Conversion Equipment									
	Hot Water Boiler	80%			2039	* *	1	\$5,500	
		Boiler Used For Hot Water, Extent : Light, Area Affected : 80% Location : Boiler Room							
	Radiant Heater	20%			2031	* *	2	\$1,300	
Distribution									
	Hot Wtr Piping/Pump	80%			2042	* *	4	\$500	
	No Component	20%							
Terminal Devices									
	Convactor/Radiator	10%			2039	* *	1	\$500	
	Unit Heater - Steam	70%			2031	* *	4	\$1,300	
	No Component	20%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	60%			2021	\$16,200	1		
	No Component	40%							
Ventilation									
	Exhaust Fans								
	Wall Unit	40%			2031	* *	2	\$200	
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Electric	20%			2024	\$2,300	4		
	No Component	80%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location :								
	Explanation : Not Energy Efficient								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2031	* *	4	\$400	
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$900	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-3								
	Explanation : 1 Unit								
Fire Suppression									
	Sprinkler								
	Generic	100%			2046	* *	1-2	\$3,900	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : MASPETH CENTRAL SHOPS
Address : 58-50 57TH ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0096.000 / 169 **Yr Built/Renovated** : 1949 / 1999
Area Sq Ft : 111,850 **Project Type** : HIGHWAYS
Date of Survey : 11-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2675 **Lot** : 15 **BIN** : 4059838

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,129,300	\$1,132,700
Interior Architecture	\$556,200	\$246,300
Electrical	\$515,600	\$194,400
Mechanical	\$576,000	\$3,249,600
Total	\$2,777,100	\$4,823,000
Importance Code A	\$1,177,900	\$1,176,800
Importance Code B	\$1,531,600	\$3,646,200
Importance Code C	\$67,600	
Total	\$2,777,100	\$4,823,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,700			\$27,500
Interior Architecture			\$3,800	\$11,300
Electrical	\$10,800	\$1,700	\$2,500	\$27,500
Mechanical	\$41,100	\$14,700	\$25,100	\$57,100
Total	\$55,600	\$16,400	\$31,400	\$123,300
Importance Code A	\$4,700	\$8,900	\$8,900	\$36,600
Importance Code B	\$50,900	\$7,400	\$22,400	\$86,700
Importance Code C				
Total	\$55,600	\$16,400	\$31,400	\$123,300



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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%			LIFE	**	5	\$43,900	
	Concrete Masonry Unit	60%			LIFE	**	5	\$65,900	
	Masonry: Brick	25%	Now	\$264,600	LIFE	**	5	\$43,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Vegetation Growth, Extent : Moderate, Area Affected : 25%									
Location : North Facade									
	Metal Coiling Doors	10%			2032	**	5	\$54,900	
Windows									
	Steel	100%	Now	\$615,300	2035	**	5	\$147,500	
Corrosion/Rusting, Extent : Light, Area Affected : 50%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : Clerstory Windows Above South Bay And Stock Room									
Parapets									
	Metal: Cage/Fence	10%	Now	\$3,700	2032	**	5	\$3,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
	No Component	90%							
Roof									
	Modified Bitumen	100%	Now	\$249,400	2027	\$831,500			
Blisters, Extent : Moderate, Area Affected : 20%									
Location : South Side And Throughout									
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Ponding, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Above Shops And At Curbs Of Clerstory Windows									

Interior

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$233,800	LIFE	**	5	\$246,300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Shops							
Ceramic Tile	5%			2036	**	5	\$7,500	
Vinyl Tile	20%	Now	\$254,800	2037	**	3	\$11,300	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
	Location : Second Floor Corridor And Offices							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
	Location : Second Floor Corridor And Offices							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Second Floor Corridor And Offices							
	Explanation : 9x9 Tiles							
Interior Walls								
Concrete Masonry Unit	75%			LIFE	**	5	\$18,300	
Concrete Masonry Unit	5%	Now	\$67,600	LIFE	**	5	\$1,200	
	Broken/Missing Elements, Extent : Severe, Area Affected : 30%							
	Location : Wall Adjacent To Ramp At 58th Place Entrance							
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%							
	Location : Wall Adjacent To Ramp At 58th Place Entrance							
Glass: Single Pane	5%			LIFE	**	5	\$2,300	
Gypsum Board	5%			LIFE	**	5	\$1,800	
Masonry: Brick	10%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%			2032	**	5	\$15,000	
Exposed Concrete	60%			LIFE	**	5	\$14,100	
Exposed Struc: Steel	10%			LIFE	**			
Plaster	20%			LIFE	**	5	\$18,800	

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

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

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

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

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

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

Heating

*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
MASPETH CENTRAL SHOPS
Asset # : 169

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	20%			2037	**	1		
	Interruptible Gas/Dual Fuel	80%			2037	**	1		
Conversion Equipment									
	Furnace	20%			2027	\$44,200	1	\$9,900	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Roof							
		Explanation : 2 Roof Top Package Units							
	Steam Boiler	80%	Now	\$48,600	2032	**	1	\$71,500	
		Malfunctioning, Extent : Severe, Area Affected : 10%							
		Location : Control Panel							
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : 1st Floor Boiler Room							
		Explanation : 2 Units							
Distribution									
	Central Plant Steam Piping/Pmp	80%			2027	\$1,269,700	4	\$5,900	
	No Component	20%							
Terminal Devices									
	Air Handler	40%	Now	\$527,400	2037	**	1	\$22,300	
		Not in Service, Extent : Severe, Area Affected : 30%							
		Location : Roof							
		Other Observation, Extent : Severe, Area Affected : 40%							
		Location : Roof							
		Explanation : 12 Damaged And Corroded Old Units							
	Convactor/Radiator	10%			2032	**	1	\$3,200	
	Fan Coil Unit/Heat	30%			2027	\$421,300	1	\$9,700	
	No Component	20%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	**	1		
Conversion Equipment									
	Ext Pkg Unit - Heating/Cooling	20%			2027	\$234,800	2	\$1,200	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Roof							
		Explanation : 2 Roof Top Package Units							
	Window/Wall Unit	10%			2022	\$19,500	1		
	No Component	70%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%	Now	\$17,300	LIFE	**	2-5	\$55,900	
		Damaged, Extent : Moderate, Area Affected : 5%							
		Location : Auto Repair Shop							
		Needs Cleaning, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Roof	100%	Now	\$15,600	2027	\$155,700	2	\$2,500	
		Not in Service, Extent : Severe, Area Affected : 15%							
		Location : Roof							
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2037	* *	1		
	Galvanized Steel	50%			2025	\$205,700	1		
	Water Heater								
	Electric	5%			2025	\$4,100	4		
	Gas Fired	40%			2022	\$22,900	2	\$600	
	No Component	55%							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2027	\$918,300	1-2	\$28,100	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : QUEENS FAMILY COURT GARAGE
Address : 150-07 ARCHER AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0207.000 / 14320 **Yr Built/Renovated** : 1990 /
Area Sq Ft : 74,000 **Project Type** : HIGHWAYS
Date of Survey : 03-Dec-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3,4,5
Block : 10092 **Lot** : 6 **BIN** : 4215603

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$156,900	\$165,300
Total	\$156,900	\$165,300
Importance Code B	\$156,900	\$165,300
Total	\$156,900	\$165,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$27,800	\$7,300		
Interior Architecture	\$300			\$300
Electrical	\$1,600	\$20,300	\$2,600	\$1,600
Mechanical	\$500	\$6,100	\$500	
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$35,100	\$38,700	\$8,100	\$6,800
Importance Code A	\$27,800	\$8,100		
Importance Code B	\$7,300	\$30,600	\$8,100	\$6,800
Importance Code C				
Total	\$35,100	\$38,700	\$8,100	\$6,800



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

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

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

Exterior

Exterior Walls

Cast in Place Concrete	20%			LIFE	**	5	\$27,800
Concrete Masonry Unit	20%			LIFE	**	5	\$3,500
Exposed Struc: Steel	8%			LIFE	**	5	\$6,900
Masonry: Brick	15%			LIFE	**	5	\$4,200
Metal Panel	5%			2045	**	5-10	\$9,600
Metal Sect. OHD	2%			2038	**	5	\$1,700
Metal: Cage/Fence	25%			2038	**	5	\$30,400
Window Wall	5%			2045	**	5	\$5,200

Parapets

Cast in Place Concrete	20%			LIFE	**	5	\$4,100
Masonry: Brick	10%			LIFE	**	5	\$200
Metal: Cage/Fence	70%			2038	**	5-10	\$10,800

Roof

Cast in Place Concrete	95%	Now	\$27,800	LIFE	**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>							
<i>Location : Throughout</i>							

Single Ply Membrane	5%			2030	**	10	\$2,100
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Interior

Floors

Asphalt Macadam	23%			2038	**	5	\$11,600
Cast in Place Concrete	75%	Now	\$156,900	LIFE	**	5	\$165,300
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>							
<i>Location : Throughout</i>							

Vinyl Tile	2%			2025		3	\$1,000
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Interior Walls

Cast in Place Concrete	25%			LIFE	**		
Concrete Masonry Unit	75%			LIFE	**	5	\$2,900

Ceilings

Exposed Struc: Steel	100%			LIFE	**		
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2045	**	5	\$300
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Electrical Room</i>							
<i>Explanation : Main Service Switch Rated @ 800 Amperes</i>							

Switchgear / Switchboard

Molded Case Bkrs	100%			2045	**	5	\$1,900
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Raceway

Conduit	100%			2045	**	1	
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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	10%			2041	**	5	\$200	
	Molded Case Bkrs	90%			2041	**	5	\$1,800	
Wiring									
	Thermoplastic	100%			2045	**	1		
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	5%			2030	**	10	\$3,100	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Office								
	HID	95%			2030	**	10	\$2,100	
Egress Lighting									
	Emergency, Battery	75%			2030	**	10	\$12,200	
	Exit, Service	25%			2030	**	1		
Exterior Lighting									
	HID	100%			2030	**	10	\$200	
Alarm									
Security System									
	No Component	50%							
	Generic	50%			2030	**	1	\$13,800	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Inside And Outside								
	Explanation : 16 CCTV Surveillance Cameras								
Fire/Smoke Detection									
	No Component	95%							
	Generic, Analog	5%			2030	**	1-3	\$2,300	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room Only								
	Explanation : Smoke Detector								

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2035	* *	1		
	Conversion Equipment								
	Radiant Heater	5%			2020	\$600	2		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Pay Booths							
		Explanation : 2 Units							
	No Component	95%							

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Ductwork/Diffusers	3%			LIFE	**	2-5		
	No Component	97%							
	Terminal Devices								
	Fan Coil Unit/Heat	3%			2025		1		
	No Component	97%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	**	1		
	Conversion Equipment								
	Heat Pump Air Sourced	3%			2023	\$18,700	2	\$100	
			R-22 Refrigerant, Extent : Light, Area Affected : 3%						
			Location : Office						
			Other Observation, Extent : Light, Area Affected : 3%						
			Location : Office						
			Explanation : 1 Unit - Providing Both Heating and Cooling For Office Only						
	Window/Wall Unit	2%			2020	\$2,600	1		
	No Component	95%							
	Heat Rejection								
	Air Cooled Condenser Unit	5%			2025	\$300	2	\$2,300	
	No Component	95%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	3%			2035	**	1		
	No Component	97%							
	Water Heater								
	Electric	5%			2020	\$2,800	4		
	No Component	95%							
	Sanitary Piping								
	Cast Iron	5%			LIFE	**	1		
	No Component	95%							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Backflow Preventer								
	Not Accessible	100%							
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : G-6						
			Explanation : 1 Unit						
Fire Suppression									
	Standpipe								
	Generic	100%			2035	**	1-5	\$300	

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : STATEN ISLAND COURTHOUSE GARAGE
Address : 54 CENTRAL AVE.
Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOT0210.000 / 14557 Yr Built/Renovated : 2010 /
Area Sq Ft : 223,760 Project Type : HIGHWAYS
Date of Survey : 10-Sep-2015 Landmark Status : NONE
Areas Surveyed : Roof, Floors 1,3,5,6
Block : 6 Lot : 21 BIN : 5151736

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$453,700
Interior Architecture		\$748,300
Mechanical		\$1,008,100
Total		\$2,210,000
Importance Code A		\$549,000
Importance Code B		\$1,661,000
Total		\$2,210,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$25,800		\$22,100
Interior Architecture		\$8,400	\$4,500	
Electrical	\$7,800	\$5,000	\$4,200	\$4,200
Mechanical	\$11,300	\$48,400	\$28,700	\$44,300
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$29,000	\$97,500	\$47,200	\$80,400
Importance Code A		\$43,800		\$40,100
Importance Code B	\$29,000	\$53,700	\$46,100	\$40,300
Importance Code C			\$1,100	
Total	\$29,000	\$97,500	\$47,200	\$80,400



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

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

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

Exterior

Exterior Walls

Cast in Place Concrete	7%			LIFE	**	5		\$41,200	
Cast in Place Concrete	70%			LIFE	**	5		\$412,500	
Masonry: Limestone	3%			LIFE	**	5		\$2,700	
Metal: Cage/Fence	10%			2040	**	5		\$51,600	
Window Wall	10%			2047	**	5		\$44,200	

Windows

Aluminum	100%			2043	**	5			
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Parapets

Cast in Place Concrete	100%			LIFE	**	5		\$21,300	
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Roof

Cast in Place Concrete	100%			LIFE	**				
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Interior

Floors

Cast in Place Concrete	96%			LIFE	**	5		\$703,300	
Ceramic Tile	2%			2036	**	5		\$6,700	
Vinyl Tile	2%			2032	**	3		\$2,500	

Interior Walls

Cast in Place Concrete	80%			LIFE	**				
Ceramic Tile	2%			2036	**	5		\$2,200	
Concrete Masonry Unit	10%			LIFE	**	5		\$4,400	
Gypsum Board	2%			LIFE	**	5		\$1,300	
Metal: Cage/Fence	6%			LIFE	**				

Ceilings

AcousTileSusp.Lay-In	5%			2040	**	5		\$15,100	
Exposed Concrete	95%			LIFE	**	5		\$45,000	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2053	**	5		\$1,000	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 1200 Amperes Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw	100%			2053	**	5		\$1,000	
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Raceway

Conduit	100%			2053	**	1			
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Panelboards

Fused Disc Sw	10%			2049	**	5		\$500	
Molded Case Bkrs	90%			2049	**	5		\$5,300	

Wiring

Thermoplastic	100%			2053	**	1			
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2044	* *	5	\$1,500	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$3,300	
Lighting									
	Interior Lighting								
	Fluorescent	10%			2035	* *	10	\$20,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Office, Staircase, Mechanical Room And Electrical Room							
		Explanation : T-8 Lamps							
	HID	90%			2035	* *	10	\$6,500	
Egress Lighting									
	Emergency, Battery	50%			2035	* *	10	\$27,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Emergency Battery Power Supplies - Lighting And Elevators							
	Exit, Service	50%			2035	* *	1		
Exterior Lighting									
	HID	100%			2035	* *	10	\$700	
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2035	* *	1	\$16,700	
Fire/Smoke Detection									
	No Component	80%							
	Generic, Digital	20%			2035	* *	1-3	\$27,600	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2053	* *	1		
Conversion Equipment									
	Heat Pump Air Sourced	40%			2028	\$95,300	2	\$27,700	
	Radiant Heater	60%			2032	* *	2	\$62,300	
	Other Observation, Extent : Light, Area Affected : 60%								
	Location : Garage Office And Restrooms								
	Explanation : Electric Base Board And Unit Heaters								
Terminal Devices									
	Fan Coil Unit/Heat	40%			2032	* *	1	\$28,900	
	No Component	60%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2049	* *	1		

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Heat Pump Air Sourced	40%			2028	\$828,000	2	\$5,500	
	No Component	60%							
Terminal Devices									
	Fan Coil - 4 Pipe	40%			2032	* *	1	\$28,900	
	No Component	60%							
Heat Rejection									
	Dry Cooler	40%			2032	* *	2	\$62,300	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Garage Office And Elevator Equipment Room							
		Explanation : Split Unit Condensers							
	No Component	60%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$124,800	
Exhaust Fans									
	Interior	100%			2032	* *	2	\$6,900	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2053	* *	1		
Water Heater									
	Not Accessible	100%							
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Backflow Preventer									
	Generic	100%			2035	* *	1	\$13,700	
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Northeast Corner Of Garage							
		Explanation : 2 Units							
Fire Suppression									
	Standpipe								
	Generic	100%			2053	* *	1-5	\$112,800	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$38,600	
Interior Architecture	\$106,600	\$35,700
Electrical	\$48,300	
Total	\$193,500	\$35,700
Importance Code A	\$38,600	
Importance Code B	\$154,800	\$35,700
Total	\$193,500	\$35,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,200	\$1,000		
Interior Architecture	\$41,800	\$100		\$100
Electrical	\$200	\$28,200	\$200	\$200
Mechanical	\$900	\$1,000	\$2,100	\$1,200
Total	\$49,200	\$30,300	\$2,300	\$1,500
Importance Code A	\$6,800	\$1,700	\$600	\$600
Importance Code B	\$35,100	\$28,600	\$1,800	\$900
Importance Code C	\$7,400			
Total	\$49,200	\$30,300	\$2,300	\$1,500



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

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

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

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

Under 600 Volts

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

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

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

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

Heating

*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
STATEN ISLAND SIGN SHOP
Asset # : 14717

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
	Energy Source							
	Natural Gas	100%		2051	* *	1		
	Conversion Equipment							
	Furnace	100%		2030	* *	1	\$5,700	
	Distribution							
	Central Plant Steam	100%		2045	* *	4	\$600	
	Piping/Pmp							
	Terminal Devices							
	Convactor/Radiator	100%		2038	* *	1	\$3,700	
Air Conditioning								
	Energy Source							
	Electricity	100%		2041	* *	1		
	Conversion Equipment							
	Window/Wall Unit	5%		2023	\$1,100	1		
	No Component	95%						
Ventilation								
	Distribution							
	Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,400	
	Exhaust Fans							
	Interior	100%		2030	* *	2	\$400	
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2045	* *	1		
	Water Heater							
	Gas Fired	100%		2024	\$6,500	2	\$200	
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping							
	Not Accessible	100%						
	Sump Pump(s)							
	Non-Submersible	100%		2030	* *	4	\$300	
	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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : SUNRISE YARD
Address : 88-26 PITKIN AVE.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0208.000 / 14436 **Yr Built/Renovated** : 2009 /
Area Sq Ft : 25,000 **Project Type** : HIGHWAYS
Date of Survey : 15-Jan-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 11368 **Lot** : 20 **BIN** : 4863171

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture		\$44,000
Mechanical		\$89,100
Total		\$133,200
Importance Code B		\$133,200
Total		\$133,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,600			\$41,700
Interior Architecture	\$3,000		\$2,500	\$600
Electrical	\$2,200	\$1,700	\$25,400	\$2,500
Mechanical	\$13,000	\$3,300	\$4,700	\$6,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$50,800	\$8,900	\$36,600	\$55,400
Importance Code A	\$29,800	\$1,100	\$1,200	\$42,800
Importance Code B	\$20,400	\$7,800	\$35,400	\$12,600
Importance Code C	\$700			
Total	\$50,800	\$8,900	\$36,600	\$55,400



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
SUNRISE YARD
Asset # : 14436

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	25%			LIFE	**	5	\$6,100	
	Masonry: Brick Cavity	25%			LIFE	**	5	\$9,800	
	Metal Panel	10%			2052	**	5-10	\$27,000	
	Metal Coiling Doors	5%			2043	**	5	\$6,100	
	Pre-Cast Concrete	5%			LIFE	**	5	\$6,400	
	Window Wall	30%			2052	**	5	\$44,200	
Windows									
	Aluminum	95%			2048	**	5	\$5,000	
	Metal Louvers	5%			2039	**	10	\$1,600	
Roof									
	Metal Panel	75%	Now	\$27,000	2043	**			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%									
Location : Over Office At West Side									
	Not Accessible	25%							
Interior									
Floors									
	Carpet	15%			2027	\$64,100	3	\$7,500	
	Cast in Place Concrete	60%			LIFE	**	5	\$44,000	
	Ceramic Tile	10%			2039	**	5	\$3,400	
	Vinyl Tile	15%			2034	**	3	\$2,500	
Interior Walls									
	Ceramic Tile	10%			2039	**	5	\$1,400	
	Concrete Masonry Unit	55%			LIFE	**	5	\$3,000	
	Glass: Single Pane	15%			LIFE	**	5	\$1,500	
	Gypsum Board	10%			LIFE	**	5	\$800	
	Masonry: Brick	5%			LIFE	**			
	SGFT/Glazed Masonry	5%			LIFE	**			
Ceilings									
	AcousTileSusp.Lay-In	20%			2043	**	5	\$6,700	
	Exposed Struc: Steel	40%			LIFE	**			
	Metal Panel	40%			LIFE	**	5	\$16,800	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Office At West Side									

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

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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
SUNRISE YARD
Asset # : 14436

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2046	**	1		
	Panelboards								
	Fused Disc Sw	5%			2042	**	5		
	Molded Case Bkrs	95%			2042	**	5	\$600	
	Wiring								
	Thermoplastic	100%			2046	**	1		
	Motor Controllers								
	Locally Mounted	70%			2039	**	5	\$100	
	Variable Frequency Drive	30%			2039	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Connected With Main Water Pipe							
Lighting									
	Interior Lighting								
	Fluorescent	90%			2031	**	10	\$18,500	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	10%			2031	**	10	\$2,100	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
	Egress Lighting								
	Emergency, Battery	50%			2031	**	10	\$2,700	
	Exit, LED	50%			2054	**	1		
	Exterior Lighting								
	HID	100%			2031	**	10	\$100	
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2031	**	1	\$2,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside And Garage							
		Explanation : C C T V Surveillance Cameras							
	Fire/Smoke Detection								
	Generic, Digital	100%			2031	**	1-3	\$15,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells And Manual Pull Stations							

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

DEPARTMENT OF TRANSPORTATION - 841
SUNRISE YARD
Asset # : 14436

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2052	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2039	**	1	\$11,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor Boiler Room							
		Explanation : 2 Units							
	Distribution								
	Hot Wtr Piping/Pump	100%	Now	\$1,600	2048	**	4	\$1,100	
		Malfunctioning, Extent : Severe, Area Affected : 20%							
		Location : Bms System							
	Terminal Devices								
	Air Handler	60%	Now	\$8,800	2031	**	1	\$7,500	
		Not in Service, Extent : Severe, Area Affected : 5%							
		Location : 1st Floor Lunch Area							
	Not Accessible	40%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Hot Water Heating Tubes Are Under Ground In The Shop							
Air Conditioning									
	Energy Source								
	Electricity	100%			2048	**	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	20%			2027	\$89,100	2	\$300	
		R-134a Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Office Area							
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,500	
	Exhaust Fans								
	Interior	100%			2031	**	2	\$700	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	**	1		
	Water Heater								
	Gas Fired	100%			2024	\$12,800	2	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									

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

DEPARTMENT OF TRANSPORTATION - 841
SUNRISE YARD
Asset # : 14436

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1-2									
Explanation : 1 Unit									
Fire Suppression									
Standpipe									
	Generic	100%			2052		* *	1-5	\$11,700
Sprinkler									
	Generic	100%			2046		* *	1-2	\$6,300

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WEBSTER AVENUE FLEET SERVICES MAINTENANCE AND REPAIR SHOP
Address : 2144 WEBSTER AVENUE @E. 181 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0097.000 / 2847 **Yr Built/Renovated** : 2002 /
Area Sq Ft : 46,400 **Project Type** : HIGHWAYS
Date of Survey : 14-Sep-2016 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3030 **Lot** : 6 **BIN** : 2011133

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$253,900	\$102,900
Interior Architecture	\$4,586,000	\$127,500
Electrical		\$831,900
Total	\$4,839,900	\$1,062,300
Importance Code A	\$253,900	\$102,900
Importance Code B	\$4,168,800	\$959,400
Importance Code C	\$417,300	
Total	\$4,839,900	\$1,062,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$115,700			
Interior Architecture	\$43,500			\$1,000
Electrical	\$5,900	\$4,300	\$4,900	\$5,200
Mechanical	\$23,200	\$4,200	\$9,200	\$4,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$192,300	\$12,500	\$18,100	\$14,400
Importance Code A	\$119,400	\$1,100	\$2,200	\$1,100
Importance Code B	\$64,800	\$11,300	\$15,900	\$13,200
Importance Code C	\$8,100			
Total	\$192,300	\$12,500	\$18,100	\$14,400



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 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF TRANSPORTATION - 841
WEBSTER AVENUE FLEET SERVICES MAINTENANCE AND REPAIR SHOP
Asset # : 2847

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Concrete Masonry Unit	65%			LIFE	**	5	\$54,900		
Glass Block	5%	Now	\$8,400	LIFE	**	5	\$2,100		
	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : Throughout								
Metal Panel	15%	Now	\$14,500	2048	**	5	\$19,000		
	Deformed/Dented, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
Metal Coiling Doors	10%	Now	\$38,300	2041	**	5	\$10,600		
	Broken/Missing Elements, Extent : Light, Area Affected : 20%								
	Location : Throughout								
Pre-Cast Concrete	5%			LIFE	**	5	\$21,900		
Windows									
Fiberglass Panel	90%	Now	\$13,200	2044	**	5	\$9,500		
	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : Over Main Shop								
Metal Louvers	10%			2037	**	10	\$3,500		
Parapets									
Concrete Masonry Unit	20%			LIFE	**	5-10	\$11,600		
Masonry: Brick	25%	Now	\$15,300	LIFE	**	5	\$2,700		
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Along Flashing								
Metal Security Bars	30%			2056	**				
Pre-Cast Concrete	25%			LIFE	**	5	\$33,400		
Roof									
Built-Up (BUR)	35%	Now	\$41,200	2028	\$102,900				
	Alligatoring, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Metal Panel	55%	Now	\$79,600	2041			**		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
	Location : Fascia At North Side								
	Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Skylight, Metal/Glass	10%	Now	\$94,800	2048			**		
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								

Interior

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
WEBSTER AVENUE FLEET SERVICES MAINTENANCE AND REPAIR SHOP
Asset # : 2847

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	85%	Now	\$60,500	LIFE	* *	5	\$127,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Ceramic Tile	3%	2-4	\$4,000	2037	* *	5	\$1,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Vinyl Tile	12%	Now	\$27,900	2033	* *	3	\$3,100	
		Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
Interior Walls									
	Concrete Masonry Unit	70%	Now	\$351,600	LIFE	* *	5	\$31,700	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Glass: Single Pane	5%	Now	\$3,400	LIFE	* *	5	\$4,200	
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%							
		Location : Conference Room							
	Gypsum Board	10%	Now	\$4,700	LIFE	* *	5	\$6,800	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	SGFT/Glazed Masonry	15%	Now	\$65,700	LIFE	* *			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Ceilings									
	Exposed Struc: Steel	95%	Now	\$4,108,200	LIFE	* *			
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Gypsum Board	5%	Now	\$3,500	LIFE	* *	5	\$4,300	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							

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

Under 600 Volts

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2038	**	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 2500 Amperes.							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2038	**	5	\$1,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 2- Sections Of Main Distribution Board							
	Raceway								
	Conduit	100%			2038	**	1		
	Panelboards								
	Fused Disc Sw	5%			2036	**	5	\$100	
	Molded Case Bkrs	95%			2036	**	5	\$1,200	
	Wiring								
	Thermoplastic	100%			2038	**	1		
	Motor Controllers								
	Locally Mounted	100%			2033	**	5	\$300	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$1,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Meter Room							
		Explanation : Connected To Main Water Pipe.							
Lighting									
	Interior Lighting								
	Fluorescent	15%			2028	\$18,900	10	\$6,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Offices, Mechanical, Electrical Rooms							
		Explanation : Surface Mounted Fluorescent Light Fixtures With T-8 Lamps							
	Fluorescent	5%			2028	\$6,300	10	\$2,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Conference Room And Stair Case							
		Explanation : Recessed Mounted Compact Fluorescent Light Fixtures							
	HID	80%			2028	\$37,000	10	\$1,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Repair Shops							
		Explanation : Pendant Mounted HID Lights							
	Egress Lighting								
	Emergency, Battery	50%			2028	\$31,200	10	\$5,600	
	Exit, Service	50%			2028	\$2,600	1		
	Exterior Lighting								
	HID	100%			2028	\$174,900	10	\$100	
Alarm									

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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 FLEET SERVICES MAINTENANCE AND REPAIR SHOP
Asset # : 2847

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

Alarm

Security System
Generic

100% 2028 \$140,100 1 \$17,300
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Shops And Outside
Explanation : CCTV Surveillance Camera Systems

Fire/Smoke Detection
Generic, Digital

100% 2028 \$479,800 1-3 \$29,500
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout The Building
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Horns

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

Heating

Energy Source

Electricity

25%

2048

**

1

Natural Gas

75%

2048

**

1

Conversion Equipment

Furnace

50%

0-2

\$2,600

2033

**

1

\$10,300

Malfunctioning, Extent : Severe, Area Affected : 10%
Location : Compressor Not Working Of Unit #5, On The Roof.
Other Observation, Extent : Light, Area Affected : 100%
Location : Roof
Explanation : 5 Units - Included In AC System

Radiant Heater

25%

2033

**

2

\$5,400

Other Observation, Extent : Light, Area Affected : 100%
Location : Offices, 1st Floor
Explanation : 15 Units

No Component

25%

Air Conditioning

Energy Source

Electricity

100%

2044

**

1

Conversion Equipment

Ext Pkg Unit -

Heating/Cooling

100%

2033

**

2

\$2,800

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

Terminal Devices

Air Handler/Cool/Ht

5%

Now

\$1,200

2028

\$24,300

1

\$1,300

Malfunctioning, Extent : Moderate, Area Affected : 10%
Location : Control System. Penthouse

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
WEBSTER AVENUE FLEET SERVICES MAINTENANCE AND REPAIR SHOP
Asset # : 2847

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Heat Rejection								
	Air Cooled Condenser Unit	5%			2033	**	2	\$1,600	
	No Component	95%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$41,000	
	Exhaust Fans								
	Interior	90%			2033	**	2	\$1,300	
	Roof	10%			2033	**	2	\$100	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2045	**	1		
	Water Heater								
	Electric	30%			2026	\$11,500	4	\$100	
	Gas Fired	70%			2023	\$18,500	2	\$500	
	Other Observation, Extent : Light, Area Affected : 100% Location : Mechanical Room, 2nd Floor Explanation : One Unit								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Backflow Preventer								
	Generic	100%			2036	**	1	\$2,800	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100% Location : 1-2 Explanation : One Unit								
Fire Suppression									
	Sprinkler								
	Generic	100%			2048	**	1-2	\$13,000	
	Fire Pump								
	Generic	100%			2037	**	1	\$8,700	

*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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WEBSTER AVENUE YARD STAGING GARAGE AND SIGN SHOP
Address : 4409 PARK AVENUE @E. 181 STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0097.010 / 13606 **Yr Built/Renovated** : 2002 /
Area Sq Ft : 36,850 **Project Type** : HIGHWAYS
Date of Survey : 16-Sep-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3030 **Lot** : 6 **BIN** : 2100288

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$182,300	
Interior Architecture	\$188,100	\$135,000
Electrical		\$799,800
Mechanical		\$8,100
Total	\$370,400	\$942,900
Importance Code A	\$182,300	\$8,100
Importance Code B	\$116,500	\$934,800
Importance Code C	\$71,600	
Total	\$370,400	\$942,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$84,000			\$8,900
Interior Architecture	\$45,100		\$2,300	\$2,700
Electrical	\$4,700	\$3,400	\$3,900	\$4,100
Mechanical	\$32,900	\$3,200	\$6,700	\$3,200
Total	\$166,600	\$6,700	\$13,000	\$19,000
Importance Code A	\$89,900	\$1,600	\$2,000	\$10,500
Importance Code B	\$45,900	\$5,000	\$11,000	\$6,800
Importance Code C	\$30,900			\$1,700
Total	\$166,600	\$6,700	\$13,000	\$19,000



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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	60%			LIFE	**	5	\$50,600	
		Water Penetration, Extent : Light, Area Affected : 5%							
		Location : Front Main Office Entrance							
	Fiberglass Panel	7%			2037	**	5	\$17,700	
	Glass Block	5%			LIFE	**	5	\$4,200	
	Glazed Ceramic Panel	3%			LIFE	**	5	\$19,000	
	Metal Panel	10%			2048	**	5-10	\$46,400	
	Metal Coiling Doors	10%	Now	\$19,100	2041	**	5	\$10,600	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Pre-Cast Concrete	5%	Now	\$5,600	LIFE	**	5	\$11,000	
		Expansion Jnt Failure, Extent : Light, Area Affected : 5%							
		Location : Throughout							
Parapets									
	Cast in Place Concrete	30%	Now	\$4,000	LIFE	**	5	\$32,900	
		Expansion Jnt Failure, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Masonry: Brick	60%	Now	\$18,400	LIFE	**	5	\$6,400	
		Efflorescence, Extent : Moderate, Area Affected : 10%							
		Location : Interior Face							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Miss/Damaged Flashings, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Metal Security Bars	10%			2056	**			
Roof									
	Built-Up (BUR)	35%	Now	\$41,200	2033	**			
		Vegetation Growth, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Metal Panel	65%	Now	\$141,200	2041	**			
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Interior									
Floors									
	Cast in Place Concrete	90%	Now	\$12,800	LIFE	**	5	\$135,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Ceramic Tile	3%			2037	**	5	\$2,100	
	Vinyl Tile	7%			2033	**	3	\$1,800	

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

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

Interior**Interior Walls**

Ceramic Tile	3%				2037	**	5	\$3,400	
Concrete Masonry Unit	57%	0-2	\$71,600		LIFE	**	5	\$25,800	

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

Glass: Single Pane	5%				LIFE	**	5	\$8,500	
Gypsum Board	10%				LIFE	**	5-10	\$19,300	
SGFT/Glazed Masonry	25%				LIFE	**	10	\$14,200	

Ceilings

AcousTileSusp.Lay-In	5%				2041	**	5	\$3,400	
Exposed Struc: Steel	85%				LIFE	**	10	\$116,500	
Gypsum Board	10%	0-2	\$1,400		LIFE	**	5	\$8,600	

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

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

Under 600 Volts**Service Equipment**

Fused Disc Sw	100%				2038	**	5	\$200	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 2- Main Service Switches Rated @ 400 Amperes And 600 Amperes.***Switchgear / Switchboard**

Molded Case Bkrs	100%				2038	**	5	\$1,000	
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Raceway

Conduit	100%				2038	**	1		
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Panelboards

Fused Disc Sw	5%				2036	**	5		
Molded Case Bkrs	95%				2036	**	5	\$900	

Wiring

Thermoplastic	100%				2038	**	1		
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Motor Controllers

Locally Mounted	100%				2033	**	5	\$200	
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Ground**Grounding Devices**

Generic	100%				LIFE	**	5	\$1,100	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Water Meter Room**Explanation : Connected To Metal Water Pipe***Lighting**

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	60%			2028	\$48,300	10	\$20,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
		Explanation : Surface Mounted And Recessed Mounted Fluorescent Light Fixtures With T-8 Lamps							
	HID	40%			2028	\$120,300	10	\$500	
	Egress Lighting								
	Exit, Service	50%			2028	\$5,000	1		
	Exit, Battery	50%			2028	\$16,900	10	\$1,200	
	Exterior Lighting								
	HID	100%			2028	\$138,900	10	\$100	
Alarm									
	Security System								
	Generic	100%			2028	\$111,300	1	\$13,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Inside And Outside							
		Explanation : CCTV Surveillance Camera System							
	Fire/Smoke Detection								
	Generic, Digital	100%			2028	\$381,000	1-3	\$23,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Smoke Detector, Alarm Bells And Manual Pull Stations							
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	30%			2054	* *	1		
	Natural Gas	70%			2054	* *	1		

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	80%			2033	* *	1	\$14,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof - Included In AC System							
		Explanation : 3 Units							
	Furnace	10%	Now	\$4,100	2028	\$8,100	1	\$1,600	
		Not in Service, Extent : Severe, Area Affected : 10%							
		Location : 2 Of 4 Not Working (Burn Out) In The Garage Area							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : In The Garage Area							
		Explanation : 4 Independent Units. 2 Units (Hv-3 And Hv-4) Out Of 4, Burn Out On The Roof.							
	Radiant Heater	10%			2033	* *	2	\$1,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Offices On The First Floor							
		Explanation : 12 Units							
Air Conditioning									
	Energy Source								
	Electricity	100%			2050	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	30%	Now	\$12,900	2033	* *	2	\$500	
		Malfunctioning, Extent : Moderate, Area Affected : 100%							
		Location : Control System							
		R-22 Refrigerant, Extent : Moderate, Area Affected : 100%							
		Location : AC Units On Roof							
	No Component	70%							
	Terminal Devices								
	Air Handler/Cool/Ht	10%	Now	\$600	2033	* *	1	\$2,100	
		Malfunctioning, Extent : Moderate, Area Affected : 10%							
		Location : Control System, Roof							
	No Component	90%							
	Heat Rejection								
	Air Cooled Condenser Unit	10%			2033	* *	2	\$2,600	
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$32,500	
	Exhaust Fans								
	Interior	70%			2033	* *	2	\$800	
	Roof	30%			2033	* *	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2054	* *	1		
	Water Heater								
	Gas Fired	100%			2023	\$21,000	2	\$500	

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

Estimates are rounded to the nearest hundred dollars.

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

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	* *	1		
	Fixtures							
	Generic	100%						
Fire Suppression								
	Sprinkler							
	Generic	100%		2048	* *	1-2	\$10,300	

*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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK
Address : WEST 33 STREET AMTRAK 30 ST.BRANCH
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0066.0C0 / 2934 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 4,620 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501C

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$56,600	\$182,900
Total	\$56,600	\$182,900
Importance Code A		\$91,500
Importance Code B	\$56,600	\$91,500
Total	\$56,600	\$182,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$73,600	\$1,800	\$22,700	\$1,200
Total	\$73,600	\$1,800	\$22,700	\$1,200
Importance Code A	\$36,300		\$9,200	
Importance Code B	\$26,300		\$9,500	
Importance Code C	\$11,000	\$1,800	\$4,100	\$1,200
Total	\$73,600	\$1,800	\$22,700	\$1,200



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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK
Asset # : 2934

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

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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	
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	100%	4+	\$600	LIFE		* *		
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Approaches								
Pavement								
Concrete	90%			2036		* *	4	\$5,400
Concrete	10%	2-4	\$1,600	2036		* *	4	\$3,600
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	50%			LIFE		* *		
Concrete w/ Steel Face	50%			LIFE		* *		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Under Construction</i>					
Embankment								
Generic	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	95%			LIFE		* *		
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Accessibility To 50 Percent Of Component</i>					
Concrete	5%	4+	\$5,900	LIFE		* *		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Pier, Columns								
Steel	100%			LIFE		* *	2-8	\$8,500
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 33 ST/LAND ADJ.TO AMTRAK
Asset # : 2934

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Under Construction								
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	50%	4+	\$1,300	2032		* *	5	\$1,200
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	50%			2032		* *	5	\$2,400
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Wearing Surface								
Concrete	80%			2036		* *	5	\$8,200
Concrete	20%	4+	\$2,200	2036		* *	5	\$4,100
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE		* *	5	\$5,100
Concrete	30%	4+	\$22,900	LIFE		* *	5	\$5,100
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
Primary Member								
Steel	80%			LIFE		* *	2-8	\$85,400
Steel	20%			LIFE		* *	2-8	\$85,400
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Asset # : 2934

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$71,500	
Steel	10%			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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH
Address : WEST 34 STREET AMTRAK 30 ST.BRANCH
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0066.0D0 / 2935 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 11,800 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501D

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$824,400	\$394,900
Total	\$824,400	\$394,900
Importance Code A		\$233,600
Importance Code B	\$520,900	\$161,300
Importance Code C	\$303,400	
Total	\$824,400	\$394,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$93,300	\$4,000	\$60,300	
Total	\$93,300	\$4,000	\$60,300	
Importance Code A	\$39,800	\$900	\$23,400	
Importance Code B	\$17,700		\$16,200	
Importance Code C	\$35,800	\$3,100	\$20,700	
Total	\$93,300	\$4,000	\$60,300	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	95%			LIFE		* *		
Concrete	5%	4+	\$3,800	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Backwall								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$2,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$16,200	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : End Approach On The Sidewalk								
Explanation : Sidewalk Slabs Are Not At The Same Elevations On Either Side Of The Joint.								
Joint Popped Out.								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	80%			LIFE		* *		
Concrete	20%	2-4	\$520,900	LIFE		* *		
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	80%	4+	\$303,400	LIFE		* *		
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	20%			LIFE		* *		
Masonry	95%			LIFE		* *		
Masonry	5%	4+	\$5,900	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	100%	4+	\$1,500	LIFE		* *		
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
Approaches								
Pavement								
Concrete	90%			2036		* *	4	\$9,200
Concrete	10%	4+	\$1,600	2036		* *	4	\$6,200
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	50%			LIFE		* *		
Concrete w/ Steel Face	50%	4+	\$9,900	LIFE		* *		
Rust Stains, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036		* *	4	
Sidewalks								
Concrete	80%			LIFE		* *		
Concrete	20%	4+	\$8,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 8%								
Location : West Approach								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Pier,Columns								
	Steel	90%			LIFE	**	2-8	\$64,100	
	Steel	10%			LIFE	**	2-8	\$64,100	
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete w/ Steel Face	95%			LIFE	**			
	Concrete w/ Steel Face	5%	4+	\$5,100	LIFE	**			
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : Northwest Side								
	Misaligned/Bulging, Extent : Light, Area Affected : 15%								
	Location : North Side								
	Rust Stains, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Railings/Parapets								
	Concrete	100%			2036	**	4	\$2,800	
	Sidewalks								
	Concrete	100%	4+	\$11,500	2032	**	5	\$4,700	
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Wearing Surface								
	Concrete	90%			2036	**	5	\$41,500	
	Concrete	10%	4+	\$6,200	2036	**	5	\$20,700	
	Cracks, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Superstructure									
	Deck,Structural								
	Concrete	95%			LIFE	**	5	\$13,000	
	Concrete	5%	2-4	\$21,000	LIFE	**	5	\$13,000	
	Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Delaminations, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH
Address : WEST 35 STREET AMTRAK 30 ST.BRANCH
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0066.0E0 / 2936 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 6,500 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501E

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$443,400	\$550,700
Total	\$443,400	\$550,700
Importance Code A	\$391,300	\$120,900
Importance Code B	\$52,100	\$285,700
Importance Code C		\$144,100
Total	\$443,400	\$550,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$55,800	\$14,700	\$8,700	
Total	\$55,800	\$14,700	\$8,700	
Importance Code A	\$22,700		\$5,600	
Importance Code B	\$17,900		\$3,200	
Importance Code C	\$15,200	\$14,700		
Total	\$55,800	\$14,700	\$8,700	



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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH
Asset # : 2936

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH
Asset # : 2936

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Accessibility To 50 Percent Of Component								
Pier Protection								
Concrete	100%	4+	\$8,800	LIFE		* *		
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Cracks								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Accessibility To 50 Percent Of Component								
Approaches								
Pavement								
Asphalt	80%			2028	\$115,300	4	\$3,400	
Asphalt	20%	4+	\$5,800	2028	\$28,800	4	\$2,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Raveling								
Concrete	95%			2036		* *	4	\$9,200
Concrete	5%	4+	\$1,600	2036		* *	4	\$6,200
Cracks, Extent : Light, Area Affected : 35%								
Location : Random Locations At West Approach								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Near Joint At West Approach								

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH
Asset # : 2936

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$19,900	LIFE		* *		
		Rust Stains, Extent : Light, Area Affected : 50%						
		Location : Random Locations Throughout						
		Settlement, Extent : Moderate, Area Affected : 50%						
		Location : Near Joints At Both Approaches						
Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : No Accessibility To 50 Percent Of Component						
Embankment								
Generic	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Under Construction	100%							
Piers								
Cap Beam								
Steel	90%			LIFE		* *	2-8	\$64,100
		Other Observation, Extent : Light, Area Affected : 50%						
		Location : West Pier						
		Explanation : Paint System Failure						
Steel	10%			LIFE		* *	2-8	\$64,100
		Rust Stains, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Pier,Columns								
Steel	90%			LIFE		* *	2-8	\$45,600
		Other Observation, Extent : Light, Area Affected : 50%						
		Location : West Pier						
		Explanation : Paint System Failure						
Steel	10%			LIFE		* *	2-8	\$45,600
		Rust Stains, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								

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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH
Asset # : 2936

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

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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH
Asset # : 2936

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH
Address : WEST 36 STREET AMTRAK 30 ST.BRANCH
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0066.0F0 / 2937 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 16,400 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501F

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$176,000	\$439,300
Total	\$176,000	\$439,300
Importance Code A	\$47,200	\$248,400
Importance Code B	\$36,400	\$47,500
Importance Code C	\$92,300	\$143,300
Total	\$176,000	\$439,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$61,000	\$1,200	\$40,300	\$6,700
Total	\$61,000	\$1,200	\$40,300	\$6,700
Importance Code A	\$4,000		\$8,300	
Importance Code B			\$4,800	
Importance Code C	\$57,000	\$1,200	\$27,200	\$6,700
Total	\$61,000	\$1,200	\$40,300	\$6,700



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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH
Asset # : 2937

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Bridge Seat&pedestals Concrete	100%			LIFE		* *			
			Other Observation, Extent : Light, Area Affected : 50%						
			Location : Throughout						
			Explanation : No Accessibility To 50 Percent Of Component						
Backwall									
Not Accessible	100%								
Brngs,Ancr Blts,Pads									
Not Accessible	100%								
Footings									
Not Accessible	100%								
Joint with Deck									
Generic	80%			LIFE		* *			
			Other Observation, Extent : Light, Area Affected : 50%						
			Location : Throughout						
			Explanation : No Accessibility To 50 Percent Of Component						
Generic	20%	0-2	\$36,400	LIFE		* *			
			Misaligned/Bulging, Extent : Moderate, Area Affected : 40%						
			Location : At West Abutment						
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Stem (breastwall)									
Concrete	100%			LIFE		* *			
			Other Observation, Extent : Light, Area Affected : 50%						
			Location : Throughout						
			Explanation : No Accessibility To 50 Percent Of Component						
Not Accessible	100%								
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Piles									
Not Accessible	100%								
Walls									
Concrete	100%	4+	\$92,300	LIFE		* *			
			Cracks, Extent : Moderate, Area Affected : 20%						
			Location : Northeast Corner						
			Other Observation, Extent : Light, Area Affected : 50%						
			Location : Throughout						
			Explanation : No Accessibility To 50 Percent Of Component						
Feature Crossed									
Mat (scour & erosion)									
Generic	100%			LIFE		* *			
Pier Protection									
Concrete	100%			LIFE		* *			

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

DEPARTMENT OF TRANSPORTATION - 841
11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH
Asset # : 2937

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2028	\$143,300	4	\$3,400	
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Concrete	100%			2036	* *	4	\$200	
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,000	LIFE	* *			
	Misaligned/Bulging, Extent : Light, Area Affected : 10%							
	Location : East Approach							
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Random Locations At West Approach							
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Embankment								
Earth	80%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Earth	20%	4+		LIFE	* *			
	Settlement, Extent : Light, Area Affected : 10%							
	Location : At Joint At West Approach							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Chain Link Fence							
Sidewalks								
Concrete	80%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Concrete	20%	2-4	\$16,100	LIFE	* *			
	Cracks, Extent : Moderate, Area Affected : 25%							
	Location : Random Locations Throughout							
	Settlement, Extent : Severe, Area Affected : 50%							
	Location : Random Locations Throughout							
	Spalling, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$192,200	
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Paint Peeling							
Pier,Columns Steel	100%			LIFE	**	2-8	\$136,800	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Explanation : Paint Peeling							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Not Accessible	100%							
Piles Not Accessible	100%							
Deck Elements								
Curbs Concrete w/ Steel Face	100%			LIFE	**			
	Rust Stains, Extent : Light, Area Affected : 25%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Gratings Not Accessible	100%							
Railings/Parapets Concrete	100%			2036	**	4		
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Steel	100%			LIFE	**	2-8		
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Sidewalks Concrete	90%			2032	**	5	\$13,400	
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : No Accessibility To 50 Percent Of Component							
Concrete	10%	4+	\$8,200	2032	**	5	\$6,700	
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout							

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH
Address : WEST 33 STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0066.0B0 / 2933 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 16,500 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 17-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501B

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$124,100	\$985,200
Total	\$124,100	\$985,200
Importance Code A	\$46,100	\$362,900
Importance Code B	\$78,000	\$368,200
Importance Code C		\$254,100
Total	\$124,100	\$985,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$178,400	\$6,300	\$97,100	\$6,700
Total	\$178,400	\$6,300	\$97,100	\$6,700
Importance Code A	\$85,100	\$4,300	\$32,800	
Importance Code B	\$11,400		\$36,900	
Importance Code C	\$81,900	\$2,000	\$27,300	\$6,700
Total	\$178,400	\$6,300	\$97,100	\$6,700



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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
11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH
Asset # : 2933

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Stem (breastwall)								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$78,000	LIFE		**		
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Delaminations, Extent : Severe, Area Affected : 30%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Front Face Of Stem Wall							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$7,800	LIFE		**		
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Explanation : Broken/ Missing Elements							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	15%	4+	\$2,700	LIFE		**		
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Cracks							
Concrete	85%			LIFE		**		
Approaches								
Pavement								
Asphalt	85%			2028	\$216,000	4	\$6,100	
Asphalt	15%	2-4	\$3,800	2028	\$38,100	4	\$4,000	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Concrete	100%	4+	\$7,900	2036		**	4	\$6,200
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Generic	100%			LIFE		**		

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : South Side					
			Explanation : Concrete Wall Is On The South Side Of The Bridge					
Steel	100%			LIFE	**			
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : North Side					
			Explanation : Steel Fence Is On The North Side Of The Bridge					
Sidewalks								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$2,700	LIFE	**			
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Southwest Sidewalk					
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$119,700	
			Rust Stains, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$1,800	
			Corrosion, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2036	**	4	\$12,800	
Sidewalks								
Concrete	95%			2032	**	5	\$13,400	
Concrete	5%	4+	\$4,100	2032	**	5	\$6,700	
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					

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

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

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Concrete	95%			2036	**	5	\$54,600	
	Concrete	5%	4+	\$4,100	2036	**	5	\$27,300	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Recent Repair Evident, Extent : Light, Area Affected : 40%							
		Location : Asphalt Repair At Longitudinal Joints							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Superstructure									
	Deck,Structural								
	Concrete	95%			LIFE	**	5	\$18,200	
		Other Observation, Extent : Light, Area Affected : 33%							
		Location : Center Of Structure							
		Explanation : Covered By Timber Shielding							
	Concrete	5%	4+	\$46,100	LIFE	**	5	\$18,200	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Delaminations, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Exposed Reinforcement, Extent : Light, Area Affected : 2%							
		Location : Adjacent To Joint In Middle Of The Bridge							
		Spalling, Extent : Light, Area Affected : 20%							
		Location : Wood Decking In Middle Bay For 5 Spans							
Joints									
	Generic	80%			LIFE	**			
	Generic	20%	4+	\$18,500	LIFE	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Leakage, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Primary Member									
	Steel	85%			LIFE	**	2-8	\$305,000	
	Steel	15%			LIFE	**	2-8	\$305,000	
		Corrosion, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
Secondary Member									
	Steel	80%			LIFE	**	2-8	\$255,500	
	Steel	20%			LIFE	**	2-8	\$255,500	
		Rust Stains, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 11TH AVENUE VIADUCT LIRR W. SIDE YARD
Address : 30TH-36TH ST, 10TH-11TH AVE. LIRR WEST SIDE YARD
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0066.000 / 2491 **Yr Built/Renovated** : 1934 /
Area Sq Ft : 157,500 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 02-Sep-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2245010

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$421,500	\$811,700
Total	\$421,500	\$811,700
Importance Code B	\$37,600	
Importance Code C	\$384,000	\$811,700
Total	\$421,500	\$811,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$56,800		\$48,800	
Total	\$56,800		\$48,800	
Importance Code A	\$4,200		\$31,000	
Importance Code C	\$52,600		\$17,800	
Total	\$56,800		\$48,800	



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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	75%			LIFE		**		
Generic	25%	4+	\$37,600	LIFE		**		
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Near Sidewalk								
Explanation : Under Construction								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%			2029		**	4	\$2,200
Concrete	80%			2037		**	4	\$33,400
Concrete	20%	2-4	\$19,700	2037		**	4	\$33,400
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2037	* *	4	\$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier During Construction								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	80%			2037	* *	4	\$3,700	
Concrete	20%	4+	\$4,200	2037	* *	4	\$3,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Under Construction								
Sidewalks								
Concrete	75%			LIFE	* *			
Concrete	25%	4+	\$4,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								

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

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

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Curbs									
Concrete w/ Steel Face	70%			LIFE		* *			
	Rust Stains, Extent : Light, Area Affected : 100%								
	Location : Random Locations								
Concrete w/ Steel Face	30%			LIFE		* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Under Construction								
Guide Railing									
Concrete	100%			2041		* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Concrete Barrier Under Construction								
Railings/Parapets									
Concrete	70%			2037		* *	4	\$26,300	
Concrete	30%			2037		* *	4	\$26,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Between 30th And 33rd Streets								
	Explanation : Area Under Construction								
Steel	100%			LIFE		* *	2-8		
Sidewalks									
Concrete	70%			2033		* *	5	\$84,000	
Concrete	30%			2033		* *	5	\$84,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Between 30th And 33rd Streets								
	Explanation : Under Construction								
Wearing Surface									
Concrete	95%			2037		* *	5	\$643,700	
Concrete	5%	2-4	\$28,000	2037		* *	5	\$321,900	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Scupper									
Cast Iron	70%			LIFE		* *			
Cast Iron	30%			LIFE		* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Between 30th And 33rd Streets								
	Explanation : Under Construction								
Superstructure									
Deck,Structural									
Not Accessible	100%								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Joints									
	Generic	70%	4+	\$22,900	LIFE		* *		
<i>Joints Missing, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Scattered Locations Throughout</i>									
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Scattered Locations Throughout</i>									
<i>Other Observation, Extent : Light, Area Affected : 5%</i>									
<i>Location : Scattered Locations Throughout</i>									
<i>Explanation : Joint Filler Material Missing</i>									
	Generic	30%	0-2	\$39,200	LIFE		* *		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : At 34th Street</i>									
<i>Leakage, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : At 34th Street (South Section)</i>									
Primary Member									
	Not Accessible	100%							
Secondary Member									
	Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,021,200	\$5,014,500
Total	\$2,021,200	\$5,014,500
Importance Code A	\$1,153,500	\$1,723,700
Importance Code B	\$512,400	\$2,152,300
Importance Code C	\$355,300	\$1,138,500
Total	\$2,021,200	\$5,014,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$145,500		\$366,400	\$15,400
Total	\$145,500		\$366,400	\$15,400
Importance Code A	\$81,300		\$150,600	
Importance Code B	\$13,300		\$215,900	
Importance Code C	\$50,800			\$15,400
Total	\$145,500		\$366,400	\$15,400



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Granite	100%	4+	\$19,500	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : At Top Of End Abutment								
Explanation : Missing Mortar								
Backwall								
Granite	75%			LIFE		* *		
Granite	25%	4+	\$21,000	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 20%								
Location : End Abutment								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$13,300	LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout At End Abutment								
Explanation : Cracks In Header Concrete								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Granite	92%			LIFE		* *		
Granite	8%	4+	\$252,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 20%								
Location : At End Abutment								
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : At Beginning Abutment								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : At Beginning And End Abutments								
Other Observation, Extent : Light, Area Affected : 2%								
Location : At End Abutment								
Explanation : Rust Staining								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

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

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

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Wingwalls									
Walls									
Granite	90%			LIFE		* *			
Granite	10%	4+	\$35,600	LIFE		* *			
Cracks, Extent : Moderate, Area Affected : 5%									
Location : At End Abutment									
Efflorescence, Extent : Moderate, Area Affected : 25%									
Location : At Beginning And End Abutments									
Vegetation Growth, Extent : Moderate, Area Affected : 50%									
Location : At End Abutment									
Other Observation, Extent : Light, Area Affected : 5%									
Location : At End Abutment									
Explanation : Missing Mortar									
Approaches									
Pavement									
Asphalt	100%	4+	\$10,100	2026	\$505,900	4	\$8,100		
Cracks, Extent : Light, Area Affected : 5%									
Location : At End Abutment									
Concrete	50%			2034		* *	4	\$30,800	
Concrete	50%	Now	\$19,700	2034		* *	4	\$30,800	
Recent Repair Evident, Extent : Light, Area Affected : 10%									
Location : At End Abutment									
Settlement, Extent : Light, Area Affected : 2%									
Location : At End Abutment									
Spalling, Extent : Moderate, Area Affected : 50%									
Location : At End Abutment									
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *			
Rust Stains, Extent : Moderate, Area Affected : 10%									
Location : At End Abutment									
Embankment									
Earth	100%			LIFE		* *			
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Railings/Parapets									
Concrete	100%	4+	\$6,900	2034		* *	4	\$700	
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Granite	90%			LIFE		* *			
Granite	10%	0-2	\$25,800	LIFE		* *			
Vegetation Growth, Extent : Severe, Area Affected : 90%									
Location : Below Capstone Of Beginning And End Approaches									
Other Observation, Extent : Severe, Area Affected : 90%									
Location : End Approach And Begin Approach									
Explanation : Missing And Broken Element And Missing Mortar									

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%	4+	\$48,700	2026	\$243,400	4	\$8,100	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$74,800	
Steel	10%	4+	\$20,400	LIFE	**	2-8	\$74,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Extrados Flanges Of The Bottom Member, And Throughout Latticing								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$1,969,700	
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Stem,Solid Pier								
Granite	90%			LIFE	**			
Granite	10%	4+	\$260,100	LIFE	**			
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Beginning Approach								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Beginning Approach								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Paved Underneath, Brick Pavers At Pier 1								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Rust Stains, Extent : Moderate, Area Affected : 30%								
Location : Throughout								

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

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

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Railings/Parapets									
	Masonry	90%			2034	**	5	\$1,600	
	Masonry	10%	4+	\$7,800	2034	**	5	\$800	
Other Observation, Extent : Light, Area Affected : 20%									
Location : Begin Abutment									
Explanation : Missing Mortar Joint And Cracking									
	Steel	100%			LIFE	**	2-8	\$76,900	
Rust Stains, Extent : Light, Area Affected : 5%									
Location : Throughout									
Sidewalks									
	Concrete	90%			2030	**	5	\$72,300	
	Concrete	10%	4+	\$44,000	2030	**	5	\$36,200	
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Wearing Surface									
	Asphalt	100%			2026		5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Span No. 1									
Explanation : At Span No. 1 Only									
	Concrete	100%	4+	\$190,800	2034	**	5	\$316,900	
Cracks, Extent : Light, Area Affected : 2%									
Location : Throughout									
Scupper									
	Cast Iron	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Total Of 16 Scuppers									
Superstructure									
Deck,Structural									
	Concrete	100%			LIFE	**	5	\$163,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Bottom Side Of Slab Covered By Stay-in-place Forms									
Joints									
	Steel	100%			LIFE	**			
Primary Member									
	Concrete	70%			LIFE	**	5	\$30,500	
	Concrete	30%	0-2	\$1,153,500	LIFE	**	5	\$30,500	
Other Observation, Extent : Moderate, Area Affected : 40%									
Location : Span 1									
Explanation : Hollow Area Of Brick Veneers; Missing Elements And Covered With Steel Mesh									
	Steel	100%			LIFE	**	2-8	\$2,632,600	
Secondary Member									
	Steel	100%			LIFE	**	2-8	\$2,297,200	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$204,600	\$234,000
Total	\$204,600	\$234,000
Importance Code B		\$53,500
Importance Code C	\$204,600	\$180,500
Total	\$204,600	\$234,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$121,500	\$5,500	\$5,800	\$4,200
Total	\$121,500	\$5,500	\$5,800	\$4,200
Importance Code A	\$14,200		\$400	\$4,200
Importance Code B	\$21,800		\$5,400	
Importance Code C	\$85,500	\$5,500		
Total	\$121,500	\$5,500	\$5,800	\$4,200



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE		* *		
Generic	50%	4+	\$21,800	LIFE		* *		
Missing/Damaged Seal, Extent : Light, Area Affected : 10%								
Location : Throughout								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Masonry	50%	4+	\$16,800	LIFE		* *		
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Masonry	50%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Approaches								
Pavement								
Asphalt	100%	4+	\$9,000	2026	\$180,500	4	\$2,900	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : East And West End								
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : East Side								
Concrete	100%	4+	\$25,100	2034		* *	4	\$19,700
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Along Joint Header								

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,500	LIFE		* *		
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Both Approaches								
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Sidewalks								
Concrete	100%			LIFE		* *		
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	100%			LIFE		* *	2-8	\$154,100
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,700	LIFE		* *		
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Throughout								
Railings/Parapets								
Concrete	100%			2034		* *	4	\$8,400
Steel	100%	4+	\$7,000	LIFE		* *	2-8	\$11,500
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sidewalks								
Concrete	100%			2030		* *	5	\$11,100
Wearing Surface								
Concrete	100%			2034		* *	5	\$69,100
Superstructure								
Deck,Structural								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$110,500	\$67,700
Total	\$110,500	\$67,700
Importance Code B	\$110,500	
Importance Code C		\$67,700
Total	\$110,500	\$67,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$11,900	\$2,200		
Total	\$11,900	\$2,200		
Importance Code A				
Importance Code C	\$11,900	\$2,200		
Total	\$11,900	\$2,200		



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Stem (breastwall)								
Concrete	35%	4+	\$36,100	LIFE		**		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 1%							
	Location : Random Locations Throughout							
Concrete	65%			LIFE		**		
Masonry: Granite	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$2,000	LIFE		**		
	Broken/Missing Elements, Extent : Light, Area Affected : 1%							
	Location : Northwest Corner And Efflorescence Random Locations Throughout							
Feature Crossed								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Random Locations Throughout							
	Explanation : Concrete Barrier							
Approaches								
Pavement								
Asphalt	100%	4+	\$1,400	2028	\$67,700	4	\$2,600	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Concrete	100%			2036	**	4	\$6,500	

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Rust Stains, Extent : Light, Area Affected : 75%								
Location : Throughout								
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	
Timber	100%			2028	\$28,600	4		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Railings/Parapets								
Cast Iron	100%			LIFE		**		
Granite	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$74,400	LIFE		**		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Granite	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Rust Stains, Extent : Light, Area Affected : 75%								
Location : Random Locations Throughout								
Guide Railing								
Steel	100%			LIFE		**		
Timber	100%			2047		**		
Railings/Parapets								
Cast Iron	100%			LIFE		**		
Granite	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$3,900	2032		**	5	\$1,700
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 31ST STREET BRIDGE
Address : 31ST STREET OVER BROOKLYN/QUEENS EXPRESSWAY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0175.000 / 13670 **Yr Built/Renovated** :
Area Sq Ft : 9,500 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 02-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2230657

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$492,000	\$403,800
Total	\$492,000	\$403,800
Importance Code A	\$205,300	\$94,000
Importance Code B	\$127,900	\$94,000
Importance Code C	\$158,800	\$215,800
Total	\$492,000	\$403,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$80,500		\$19,000	
Total	\$80,500		\$19,000	
Importance Code A	\$19,800		\$9,600	
Importance Code B	\$50,400		\$9,400	
Importance Code C	\$10,200			
Total	\$80,500		\$19,000	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%	Now	\$27,400	LIFE		* *		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Center Lanes, Both Abutments								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$23,000	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$158,800	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	\$2,300	2028	\$117,300	4	\$2,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete w/ Steel Face	100%	4+	\$1,100	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Railings/Parapets									
	Steel	100%			LIFE	* *	2-8	\$3,900	
Sidewalks									
	Concrete	100%	4+	\$5,800	2032	* *	5	\$3,400	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Wearing Surface									
	Asphalt	100%			2028	\$98,500	5	\$12,400	
Cracks, Extent : Light, Area Affected : 8%									
Location : Random Locations Throughout									
Settlement, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Superstructure									
Deck,Structural									
	Concrete	25%	4+	\$205,300	LIFE	* *	5	\$10,500	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Exposed Reinforcement, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
	Concrete	75%			LIFE	* *	5	\$10,500	
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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 : 18-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2230640

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$135,000	
Total	\$135,000	
Importance Code B	\$56,200	
Importance Code C	\$78,800	
Total	\$135,000	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$48,800		\$300	
Total	\$48,800		\$300	
Importance Code A	\$4,700		\$300	
Importance Code B	\$21,200			
Importance Code C	\$22,900			
Total	\$48,800		\$300	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$13,700	LIFE		* *		
Broken/Missing Elements, Extent : Moderate, Area Affected : 80%								
Location : At Both Abutments								
Mat (scour & erosion) Generic	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%	4+	\$56,200	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$78,800	LIFE		* *		
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

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

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

Asset # : 13710

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$7,700	2029	**	4	\$3,500	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Both Approaches							
	Settlement, Extent : Moderate, Area Affected : 10%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Approaches							
	Explanation : Asphalt 50 Percent; Concrete 50 Percent							
Concrete	100%	4+	\$4,800	2037	**	4	\$13,400	
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Both Approaches							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	Corrosion, Extent : Light, Area Affected : 3%							
	Location : Random Locations Throughout							
Embankment								
Generic	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$3,200	LIFE	**			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Piers								
Stem,Solid Pier								
Concrete	5%	4+	\$7,500	LIFE	**			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Concrete	95%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,100	
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
32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)
Asset # : 13710

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Mono Deck Surface								
Concrete	100%			2048	* *	5	\$35,900	
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$5,800	
Sidewalks								
Concrete	100%	4+	\$7,200	2033	* *	5	\$1,700	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$269,200	\$710,900
Total	\$269,200	\$710,900
Importance Code A		\$170,500
Importance Code B	\$82,800	
Importance Code C	\$186,400	\$540,400
Total	\$269,200	\$710,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$169,000		\$17,700	\$15,800
Total	\$169,000		\$17,700	\$15,800
Importance Code A	\$83,600		\$17,700	
Importance Code B				
Importance Code C	\$85,300			\$15,800
Total	\$169,000		\$17,700	\$15,800



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

DEPARTMENT OF TRANSPORTATION - 841
3RD AVE. BRIDGE
Asset # : 13573

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE		**		
Generic	50%	Now	\$82,800	LIFE		**		
Loose Elements, Extent : Moderate, Area Affected : 50%								
Location : Both Abutments								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$27,000	2026	\$540,400	4	\$7,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete	80%			2034		**	\$31,600	
Concrete	20%	0-2	\$186,400	2040		**	\$31,600	
Broken,Missing Pave, Extent : Severe, Area Affected : 5%								
Location : Begin Approach								
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Both Approaches								
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : South Approach								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Begin Approach								

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

DEPARTMENT OF TRANSPORTATION - 841
3RD AVE. BRIDGE
Asset # : 13573

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Curbs									
	Concrete w/ Steel Face	95%			LIFE	**			
	Concrete w/ Steel Face	5%	Now	\$3,300	LIFE	**			
Broken,Missing Pave, Extent : Light, Area Affected : 20%									
Location : Northwest Corner									
Rust Stains, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Embankment									
	Earth	100%			LIFE	**			
Mat (scour & erosion)									
	Earth	100%			LIFE	**			
Railings/Parapets									
	Concrete	100%			2034	**	4		
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
	Steel	100%			LIFE	**			
Rust Stains, Extent : Light, Area Affected : 2%									
Location : Bottom Rails									
Sidewalks									
	Concrete	90%			LIFE	**			
	Concrete	10%	2-4	\$10,700	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 10%									
Location : Begin Approach									
Piers									
Cap Beam									
	Concrete Encased Steel	100%			LIFE	**	5	\$4,400	
Pier,Columns									
	Concrete Encased Steel	100%			LIFE	**	5	\$900	
Stem,Solid Pier									
	Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads									
	Steel	100%	4+	\$32,700	LIFE	**	2-8	\$4,800	
Corrosion, Extent : Light, Area Affected : 2%									
Location : At Pier 3									
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Earth	100%			LIFE	**			
Pedestals									
	Concrete	100%			LIFE	**			
Piles									
	Not Accessible	100%							
Deck Elements									

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

DEPARTMENT OF TRANSPORTATION - 841
3RD AVE. BRIDGE
Asset # : 13573

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$23,600	LIFE	**			
Rust Stains, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	\$16,800	2034	**	4	\$7,300	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%	4+	\$7,100	LIFE	**	2-8	\$10,100	
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Bottom Bar								
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Top Of Concrete Parapets								
Explanation : Steel Fence								
Sidewalks								
Concrete	100%	4+	\$16,400	2030	**	5	\$5,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wearing Surface								
Concrete	100%	4+	\$22,600	2034	**	5	\$32,400	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	2-4	\$8,600	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : At Middle Of Span								
Spalling, Extent : Moderate, Area Affected : 70%								
Location : Concrete Header								
Primary Member								
Steel	100%			LIFE	**	2-8	\$318,500	
Secondary Member								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,177,900	\$1,984,100
Total	\$1,177,900	\$1,984,100
Importance Code A	\$598,400	\$444,300
Importance Code B	\$426,300	\$348,700
Importance Code C	\$153,200	\$1,191,100
Total	\$1,177,900	\$1,984,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$69,300	\$6,800	\$75,600	\$5,100
Total	\$69,300	\$6,800	\$75,600	\$5,100
Importance Code A	\$6,600		\$40,600	\$5,100
Importance Code B	\$20,200		\$35,000	
Importance Code C	\$42,400	\$6,800		
Total	\$69,300	\$6,800	\$75,600	\$5,100



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

DEPARTMENT OF TRANSPORTATION - 841
49TH AVE. BRIDGE
Asset # : 13575

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$150,200	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Header Concrete								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Mat (scour & erosion) Earth	100%			LIFE		* *		
Stem (breastwall) Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$20,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 50%								
Location : Both Abutments								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	85%			LIFE		* *		
Concrete	15%	4+	\$62,900	LIFE		* *		
Cracks, Extent : Light, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Northwest Wingwall								
Approaches								
Pavement Asphalt	100%	4+	\$22,200	2026	\$1,109,700	4	\$15,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Approximately 25 Feet From Bridge West End								
Curbs Concrete w/ Steel Face	100%			LIFE		* *		

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
49TH AVE. BRIDGE
Asset # : 13575

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Railings/Parapets								
Cast Stone	100%			LIFE		* *		
		Recent Replace Evident, Extent : Light, Area Affected : 2%						
		Location : Begin Brick Wall						
Steel	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$49,600	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random At Isolated Locations						
		Settlement, Extent : Light, Area Affected : 2%						
		Location : Near The Beginning Of The Bridge						
		Spalling, Extent : Light, Area Affected : 5%						
		Location : Throughout						
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	20%	4+	\$91,000	LIFE		* *	2-8	\$214,100
		Corrosion, Extent : Light, Area Affected : 2%						
		Location : Random Localized Area						
Steel	80%			LIFE		* *	2-8	\$214,100
Stem,Solid Pier								
Concrete	80%			LIFE		* *		
Concrete	20%	4+	\$185,000	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 20%						
		Location : Throughout						
		Other Observation, Extent : Severe, Area Affected : 90%						
		Location : Pier 1						
		Explanation : Covered With Wood Planks						
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

Deck Elements

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

DEPARTMENT OF TRANSPORTATION - 841
49TH AVE. BRIDGE
Asset # : 13575

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete w/ Steel Face	90%			LIFE	**			
	Concrete w/ Steel Face	10%	4+	\$6,600	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%									
Location : At East Joint									
Rust Stains, Extent : Severe, Area Affected : 70%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : At East Joint									
Railings/Parapets									
	Concrete	100%			2034	**	4	\$10,300	
	Steel	100%			LIFE	**	2-8	\$14,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Entire Length									
Explanation : Chain Link Fence									
Sidewalks									
	Concrete	80%			2030	**	5	\$13,600	
	Concrete	20%	4+	\$9,500	2030	**	5	\$6,800	
Cracks, Extent : Light, Area Affected : 10%									
Location : East And West Ends									
Wearing Surface									
	Concrete	90%			2034	**	5	\$81,400	
	Concrete	10%	0-2	\$2,800	2034	**	5	\$40,700	
Cracks, Extent : Moderate, Area Affected : 5%									
Location : Joint Header Concrete									
Spalling, Extent : Light, Area Affected : 70%									
Location : Over East Pier									
Other Observation, Extent : Severe, Area Affected : 70%									
Location : Over East Pier									
Explanation : Large Steel Plates At Deck Joint									
Superstructure									
Deck,Structural									
	Concrete	10%	4+	\$132,400	LIFE	**	5	\$22,200	
Spalling, Extent : Moderate, Area Affected : 70%									
Location : Over East Pier									
	Concrete	90%			LIFE	**	5	\$22,200	
Joints									
	Generic	100%	0-2	\$7,800	LIFE	**			
Exposed Reinforcement, Extent : Light, Area Affected : 5%									
Location : Beneath The Sidewalk Along The Joint									
Leakage, Extent : Moderate, Area Affected : 100%									
Location : East Pier									
Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%									
Location : Random Locations									
Rust Stains, Extent : Moderate, Area Affected : 100%									
Location : Pier 3									

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

DEPARTMENT OF TRANSPORTATION - 841
49TH AVE. BRIDGE
Asset # : 13575

Bridge Structure		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure									
Primary Member									
	Steel	80%			LIFE	* *	2-8	\$373,400	
	Steel	20%	4+	\$466,000	LIFE	* *	2-8	\$373,400	
Corrosion, Extent : Moderate, Area Affected : 5%									
Location : On Girder Flanges Near East Pier									
Secondary Member									
	Steel	100%			LIFE	* *	2-8	\$312,800	
Corrosion, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$653,100	\$562,500
Total	\$653,100	\$562,500
Importance Code A	\$653,100	\$289,800
Importance Code C		\$272,700
Total	\$653,100	\$562,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$106,900		\$19,600	\$900
Total	\$106,900		\$19,600	\$900
Importance Code A	\$46,500		\$19,600	
Importance Code C	\$60,400			\$900
Total	\$106,900		\$19,600	\$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
4TH AVE. BRIDGE
Asset # : 13576

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Concrete	100%			LIFE	**			
	Backwall								
	Concrete	100%			LIFE	**			
	Brngs,Ancr Blts,Pads								
	Steel	100%			LIFE	**			
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE	**			
	Pedestals								
	Concrete	100%			LIFE	**			
	Stem (breastwall)								
	Concrete	100%			LIFE	**			
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	100%			LIFE	**			
Approaches									
	Pavement								
	Asphalt	90%			2026	\$105,100	4	\$1,900	
	Asphalt	10%	2-4	\$3,500	2026	\$11,700	4	\$1,900	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Both Approaches								
	Curbs								
	Concrete w/ Steel Face	100%	4+	\$14,300	LIFE	**			
	Settlement, Extent : Moderate, Area Affected : 20%								
	Location : At Northeast Corner								
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Embankment								
	Earth	100%			LIFE	**			
	Mat (scour & erosion)								
	Earth	100%			LIFE	**			
	Railings/Parapets								
	Concrete	100%	4+	\$3,100	2034	**	4	\$1,500	
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Throughout								
	Spalling, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Steel	100%			LIFE	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$14,700	LIFE	**			
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : East Approach								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Throughout								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$3,000	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 5%								
Location : East Exterior Column								
Explanation : Steel Rods Projecting Out Of Pedestal								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,900	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rust Stains, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Railings/Parapets								
Concrete	100%	4+	\$26,200	2034	**	4	\$5,300	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout The West Side								
Steel	100%			LIFE	**	2-8	\$7,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Fence At Top Of Concrete Parapet								

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Sidewalks									
	Concrete	100%	4+	\$34,400	2030	* *	5	\$5,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>									
<i>Location : Throughout</i>									
<i>Spalling, Extent : Light, Area Affected : 5%</i>									
<i>Location : Along Sidewalk Joint Headers</i>									
Wearing Surface									
	Asphalt	100%	4+	\$7,800	2026	\$155,900	5	\$6,900	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Superstructure									
Deck,Structural									
	Concrete	100%			LIFE	* *	5	\$21,400	
Joints									
	Generic	100%			LIFE	* *			
Primary Member									
	Concrete Encased Steel	100%	4+	\$653,100	LIFE	* *	5	\$97,800	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Explanation : Rust Staining Evident</i>									
	Steel	100%			LIFE	* *	2-8	\$358,600	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>									
<i>Location : Bottom Flange Of Exterior Girder</i>									
<i>Explanation : Paint Peeling</i>									
Secondary Member									
	Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$159,700	\$360,300
Total	\$159,700	\$360,300
Importance Code A		\$180,100
Importance Code B		\$180,100
Importance Code C	\$159,700	
Total	\$159,700	\$360,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$66,400		\$36,100	\$2,000
Total	\$66,400		\$36,100	\$2,000
Importance Code A			\$18,100	\$2,000
Importance Code B	\$28,200		\$18,100	
Importance Code C	\$38,200			
Total	\$66,400		\$36,100	\$2,000



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		* *		
Backwall								
Concrete	25%	4+	\$25,200	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Efflorescence, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Concrete	75%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2045		* *		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	45%	4+	\$28,200	LIFE		* *		
	Leakage, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Missing/Damaged Seal, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : At Concrete Headers							
Generic	55%			LIFE		* *		
Stem (breastwall)								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Both Abutments							
	Explanation : Behind Station Platform Wall							
Walls								
Concrete	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 80%							
	Location : Both Abutments							
	Explanation : Backwalls Partially Covered By Station Walls							
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$47,300	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Southeast And Southwest Wingwalls							
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Southeast And Southwest Wingwalls							
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Northeast And Northwest Wingwalls							
	Explanation : Wingwalls Covered By Station Walls							

Approaches

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	100%	4+	\$65,200	2034	**	4	\$44,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Northwest Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%	4+	\$5,400	2045	**	5	\$21,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Near Northeast Abutment								
Railings/Parapets								
Concrete	100%			2034	**	4	\$4,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Both Abutments								
Explanation : Concrete Parapet At South Side Of The Bridge And Subway Station At North Side Of The Bridge								
Sidewalks								
Concrete	100%	4+	\$47,300	2030	**	5	\$6,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Along The North Side Of The Bridge								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$20,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Deck								
Explanation : Underside Covered With Stay - In - Place Forms Except One Bay								
Joints								
Generic	100%	0-2	\$7,600	LIFE	**			
Leakage, Extent : Light, Area Affected : 10%								
Location : Along The Joint Between A Station And Bridge Deck								
Primary Member								
Steel	100%			LIFE	**	2-8	\$336,500	

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$281,900	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$913,600	\$1,197,800
Total	\$913,600	\$1,197,800
Importance Code A	\$303,800	\$559,000
Importance Code B	\$314,000	\$487,000
Importance Code C	\$295,900	\$151,900
Total	\$913,600	\$1,197,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$113,100	\$15,300	\$96,400	\$3,300
Total	\$113,100	\$15,300	\$96,400	\$3,300
Importance Code A	\$34,500		\$47,500	\$2,800
Importance Code B	\$23,500		\$48,800	
Importance Code C	\$55,200	\$15,300		\$500
Total	\$113,100	\$15,300	\$96,400	\$3,300



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	75%			LIFE		* *		
Concrete	25%	4+	\$6,600	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random On Bridge Seat								
Backwall								
Concrete	40%	4+	\$12,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : At Beginning Abutment								
Concrete	60%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$23,500	LIFE		* *		
Loose Elements, Extent : Light, Area Affected : 20%								
Location : At Beginning Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	75%			LIFE		* *		
Concrete	25%	4+	\$153,500	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations At End Abutment								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations At End Abutment								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations At End Abutment								
Other Observation, Extent : Light, Area Affected : 25%								
Location : End Abutment								
Explanation : Observations Are Based On 2012 N. Y. S. D. O. T. Biennial Report								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : River Banks								
Explanation : East Bank Has Riprap, West Bank Is Earth								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	80%			2026	\$56,100	4	\$1,000	
Asphalt	20%	4+	\$8,400	2026	\$14,000	4	\$1,000	
Cracks, Extent : Light, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : At End Approaches								
Explanation : Rutting								
Concrete	100%	4+	\$9,100	2034		* *	4	\$15,400
Cracks, Extent : Light, Area Affected : 5%								
Location : East Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Both Abutments								
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Railings/Parapets								
Concrete	100%			2034		* *	4	
Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Steel Railing On Both Approaches								
Explanation : Steel Wall Panel 230 Ft, And Chain Link Fence With 4-steel Rails On East Approach								
Sidewalks								
Concrete	100%	4+	\$3,600	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Piers								
Cap Beam								
Concrete	100%	4+	\$21,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%	4+	\$142,400	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Loss of Section, Extent : Light, Area Affected : 2%							
	Location : Coping At Top Of Pier 3							
	Spalling, Extent : Moderate, Area Affected : 2%							
	Location : Throughout							
Steel	100%			LIFE	* *	2-8	\$85,500	
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	* *	2-8	\$5,900	
Steel	50%	2-4	\$202,600	LIFE	* *	2-8	\$5,900	
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location :							
	Other Observation, Extent : Severe, Area Affected : 20%							
	Location : Span 5 Pier 5							
	Explanation : Anchor Bolts Exposed							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	75%			LIFE	* *			
Concrete	25%	2-4	\$171,500	LIFE	* *			
	Cracks, Extent : Moderate, Area Affected : 80%							
	Location : Pier 5 And 6, Temporary Shoring At Pier 5							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
	Rust Stains, Extent : Light, Area Affected : 100%							
	Location : Pier 5 And 6							
Guide Railing								
Steel	100%	4+	\$6,800	LIFE	* *			
	Loose Fastenings, Extent : Light, Area Affected : 2%							
	Location : Midspan South Sidewalk							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At Both Sides Of The Truss Bridge							
	Explanation : Corrugated Guide Rail With 3-pipe Railing							
Median								
Concrete	100%			LIFE	* *	5	\$16,800	
Railings/Parapets								
Concrete	100%			2034	* *	4	\$5,600	
Steel	100%			LIFE	* *	2-8	\$32,500	
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Throughout							

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	90%			2030	**	5	\$30,600	
Concrete	10%	4+	\$10,800	2030	**	5	\$15,300	
Cracks, Extent : Light, Area Affected : 25%								
Location : Throughout								
Wearing Surface								
Concrete	100%	4+	\$142,400	2034	**	5	\$81,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Asphalt Patching Throughout								
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Concrete	85%			LIFE	**	5	\$50,800	
Concrete	15%	4+	\$101,100	LIFE	**	5	\$50,800	
Cracks, Extent : Light, Area Affected : 25%								
Location : Throughout, Concentrated At Piers 3 And 5								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 25%								
Location : Throughout, Concentrated At Piers 3 And 5								
Joints								
Generic	80%			LIFE	**			
Generic	20%	4+	\$11,100	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Loose Elements, Extent : Moderate, Area Affected : 0%								
Location : At Beginning Abutment								
Primary Member								
Steel	100%			LIFE	**	2-8	\$854,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Paint Peeling								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$715,500	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : AMTRAK BRIDGE LEGGETT AVE/AMTRAK
Address : LEGGETT AVE,BRUCKNER GARRISON
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0055.000 / 2480 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 28,209 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 17-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241139

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,702,400	\$922,900
Total	\$2,702,400	\$922,900
Importance Code A	\$665,400	\$560,200
Importance Code B	\$1,979,500	\$280,100
Importance Code C	\$57,600	\$82,600
Total	\$2,702,400	\$922,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$52,800	\$21,600	\$84,900	\$14,700
Total	\$52,800	\$21,600	\$84,900	\$14,700
Importance Code A	\$14,600		\$56,900	
Importance Code B			\$28,100	
Importance Code C	\$38,100	\$21,600		\$14,700
Total	\$52,800	\$21,600	\$84,900	\$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.

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%	4+	\$142,700	LIFE		**		
Misaligned/Bulging, Extent : Light, Area Affected : 30%								
Location : Joint Filler At East Abutment								
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	50%			2036		**	4	\$64,800
Concrete	50%	4+	\$31,900	2036		**	4	\$43,200
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At East Abutment Joint								
Curbs								
Concrete	100%			LIFE		**		
Concrete w/ Steel Face	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$3,500	LIFE		**		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	5%	2-4	\$14,600	2040		* *		
	Spalling, Extent : Moderate, Area Affected : 50%							
	Location : Corner Spall With Exposed Rebar At Northwest Corner Of Barrier							
Concrete	95%			2040		* *		
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : South Outer Barrier							
	Explanation : Misaligned Tops							
Median								
Concrete	100%			LIFE		* *	5	\$7,700
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Where End Diagonals Meet Median							
Railings/Parapets								
Steel	100%			LIFE		* *	2-8	\$18,700
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Sidewalks								
Concrete	100%			2032		* *	5	\$29,400
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations On North Side							
Wearing Surface								
Concrete	100%	4+	\$57,600	2036		* *	5	\$82,600
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Explanation : Scaling Of Wearing Surface							
Superstructure								
Deck,Structural								
Not Accessible	100%							

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

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

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

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

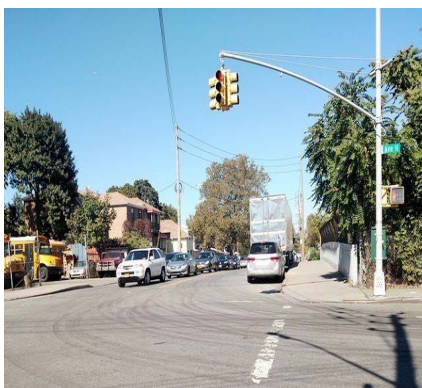
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE
Address : OVER LIRR - BAY RIDGE LINE ALBANY AVE. AND E39TH STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0156.000 / 13519 **Yr Built/Renovated** :
Area Sq Ft : 35,100 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 11-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2243530

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$324,800	\$46,400
Total	\$324,800	\$46,400
Importance Code C	\$324,800	\$46,400
Total	\$324,800	\$46,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$57,300		\$6,900	
Total	\$57,300		\$6,900	
Importance Code A	\$30,700		\$800	
Importance Code B	\$12,000			
Importance Code C	\$14,600		\$6,000	
Total	\$57,300		\$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
AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE
Asset # : 13519

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	5%	4+	\$12,000	LIFE		* *		
	Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%							
	Location : Both Abutments							
Generic	95%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	53%	4+	\$35,800	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Explanation : Peeling Paint							
Concrete	47%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Not Accessible	100%							

Approaches

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

DEPARTMENT OF TRANSPORTATION - 841
AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE

Asset # : 13519

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	15%	2-4	\$68,100	2029	**	4	\$12,100	
	Cracks, Extent : Severe, Area Affected : 40%							
	Location : Both Approaches							
Asphalt	85%			2029	**	4	\$12,100	
Concrete	100%	4+	\$53,600	2037	**	4	\$175,600	
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Approaches							
	Explanation : 50 Percent Concrete And 50 Percent Asphalt							
Curbs								
Concrete w/ Steel Face	100%	4+	\$24,100	LIFE	**			
	Settlement, Extent : Severe, Area Affected : 40%							
	Location : Both Approaches							
	Vegetation Growth, Extent : Moderate, Area Affected : 20%							
	Location : North And South Sides							
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$11,700	LIFE	**			
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%			2037	**	4	\$400	
Steel	99%			LIFE	**	2-8	\$14,900	
Steel	1%	4+	\$800	LIFE	**	2-8	\$9,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : West Side								
Sidewalks								
Concrete	100%	4+	\$2,900	2033	**	5	\$800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	2-4	\$167,300	2037	**	5	\$46,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE
Address : BATTERY PLACE
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0082.000 / 2511 **Yr Built/Renovated** : 1954 /
Area Sq Ft : 69,993 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2232000

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$14,421,300	\$12,356,000
Total	\$14,421,300	\$12,356,000
Importance Code A	\$2,242,800	\$770,400
Importance Code C	\$12,178,400	\$11,585,600
Total	\$14,421,300	\$12,356,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$1,700	\$117,100	\$5,500	
Total	\$1,700	\$117,100	\$5,500	
Importance Code A		\$83,600	\$5,500	
Importance Code C	\$1,700	\$33,600		
Total	\$1,700	\$117,100	\$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
BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE
Asset # : 2511

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Generic	100%			LIFE		* *		
	Walls								
	Concrete	90%			LIFE		* *		
	Concrete	10%	4+	\$1,396,700	LIFE		* *		
	Broken/Missing Elements, Extent : Severe, Area Affected : 85%								
	Location : Random Locations Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Generic	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	75%			LIFE		* *		
	Concrete	25%	4+	\$11,871,500	LIFE		* *		
	Broken/Missing Elements, Extent : Severe, Area Affected : 45%								
	Location : Random Locations Throughout								
	Cracks, Extent : Light, Area Affected : 10%								
	Location : End Of Left Wingwall								
	Delaminations, Extent : Light, Area Affected : 10%								
	Location : End Of Left Wingwall								
	Exposed Reinforcement, Extent : Light, Area Affected : 10%								
	Location : Random Cracking Throughout								
Approaches									
	Pavement								
	Asphalt	90%			2028	\$3,639,500	4	\$100,700	
	Asphalt	10%	4+	\$121,300	2028	\$404,400	4	\$67,100	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Settlement, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Curbs								
	Concrete	100%			LIFE		* *		
	Concrete w/ Steel Face	100%			LIFE		* *		
	Pavement Base								
	Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE
Asset # : 2511

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Sidewalks								
	Concrete	95%			LIFE	**			
	Concrete	5%	4+	\$1,700	LIFE	**			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : End Approach							
		Settlement, Extent : Light, Area Affected : 5%							
		Location : End Approach							
Piers									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Generic	100%			LIFE	**			
Deck Elements									
	Curbs								
	Concrete	100%			2047	**			
	Concrete w/ Steel Face	100%			LIFE	**			
	Granite	100%			LIFE	**			
	Railings/Parapets								
	Concrete	95%			2036	**	4	\$250,700	
	Concrete	5%	2-4	\$159,300	2036	**	4	\$167,100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Collision Impact At North End							
		Damaged Railing, Extent : Light, Area Affected : 5%							
		Location : Collision Impact At North End							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : North End							
		Explanation : Cap Stone Is Separated From The Concrete Parapet Wall							
	Steel	100%	4+	\$90,200	LIFE	**	2-8	\$153,000	
		Damaged Railing, Extent : Light, Area Affected : 2%							
		Location : North End							
	Sidewalks								
	Concrete	100%			2032	**	5	\$108,000	
	Granite Paver	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : North Fascia							
		Explanation : Pavers At North Fascia							
	Wearing Surface								
	Asphalt	90%			2028	\$5,923,200	5	\$604,200	
	Asphalt	10%	4+	\$131,600	2028	\$658,100	5	\$302,100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Settlement, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							

Superstructure

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

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

Asset # : 2511

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

Superstructure

Primary Member

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

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

Location : Random Locations Throughout

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$24,600		
Total		\$24,600		
Importance Code A		\$2,700		
Importance Code C		\$21,900		
Total		\$24,600		



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

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY
Asset # : 14785

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$65,800	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$3,700	
Steel	100%			LIFE	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY
Asset # : 14785

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	\$1,000	
Railings/Parapets								
Concrete	100%			2040	* *	4	\$4,300	
Steel	100%			LIFE	* *	2-8		
Wearing Surface								
Concrete	100%			2040	* *	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8		

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$4,380,500	\$2,066,200
Total	\$4,380,500	\$2,066,200
Importance Code A	\$3,033,900	\$501,300
Importance Code B	\$1,186,000	
Importance Code C	\$160,600	\$1,565,000
Total	\$4,380,500	\$2,066,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$71,100	\$2,400		
Total	\$71,100	\$2,400		
Importance Code B	\$34,700			
Importance Code C	\$36,400	\$2,400		
Total	\$71,100	\$2,400		



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

DEPARTMENT OF TRANSPORTATION - 841
BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY
Asset # : 2489

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Stem (breastwall)								
Concrete	15%	4+	\$103,600	LIFE		* *		
	Efflorescence, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Concrete	85%			LIFE		* *		
Tile	100%	4+	\$34,700	LIFE		* *		
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Rust Stains, Extent : Light, Area Affected : 2%							
	Location : At Vertical Joints							
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Throughout							
	Explanation : Ceramic Tiles Obscure View Of Structural Wall							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$78,100	2026	\$781,200	4	\$12,400	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Beginning Approach							
	Explanation : Rutting, Uneven Pavement							
Concrete	100%	4+	\$47,200	2034	* *	4	\$92,500	
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							

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

DEPARTMENT OF TRANSPORTATION - 841
BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY
Asset # : 2489

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face							
Concrete w/ Steel Face	100%			LIFE		**		
	Rust Stains, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete							
Sidewalks								
Concrete	100%	4+	\$16,900	LIFE		**		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Throughout							
Piers								
Pier,Columns								
Concrete	20%			LIFE		**		
Concrete	80%	0-2	\$173,100	LIFE		**		
	Cracks, Extent : Severe, Area Affected : 15%							
	Location : Random Locations Throughout The Coney Island Bound Side							
	Spalling, Extent : Severe, Area Affected : 15%							
	Location : Random Locations Throughout The Coney Island Bound Side							
Stem,Solid Pier								
Concrete	60%			LIFE		**		
Concrete	40%	2-4	\$909,300	LIFE		**		
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Delaminations, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Efflorescence, Extent : Moderate, Area Affected : 60%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Throughout							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Deck Elements								

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

DEPARTMENT OF TRANSPORTATION - 841
BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY
Asset # : 2489

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete	100%			2045		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Deck Elements Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face									
	Concrete w/ Steel Face	100%			LIFE		* *		
Rust Stains, Extent : Moderate, Area Affected : 70%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Deck Elements Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete									
Gratings									
	Steel	100%			LIFE		* *		
Sidewalks									
	Asphalt	100%	4+	\$7,800	2023	\$78,000	4	\$17,900	
Cracks, Extent : Light, Area Affected : 2%									
Location : Plaza Entrance To Station Building									
	Concrete	60%			2030		* *	\$4,800	
	Concrete	40%	4+	\$11,700	2030		* *	\$2,400	
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Wearing Surface									
	Asphalt	100%	4+	\$35,300	2026	\$705,800	5	\$31,100	
Cracks, Extent : Light, Area Affected : 5%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 20%									
Location : Inside Station Building									
Explanation : Floor Of Station Building Is Tiled									
Superstructure									
	Primary Member								
	Concrete	40%	4+	\$758,500	LIFE		* *	\$250,600	
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Delaminations, Extent : Light, Area Affected : 20%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 20%									
Location : Throughout									
	Concrete	60%	2-4	\$2,275,400	LIFE		* *	\$250,600	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Efflorescence, Extent : Severe, Area Affected : 10%									
Location : Throughout									
Exposed Reinforcement, Extent : Severe, Area Affected : 10%									
Location : Throughout									

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N
Address : OVER BRONX RIVER PARKWAY
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0152.000 / 13515 **Yr Built/Renovated** : 1907 /
Area Sq Ft : 24,591 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 31-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2229560

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$64,500	\$64,500
Total	\$64,500	\$64,500
Importance Code C	\$64,500	\$64,500
Total	\$64,500	\$64,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$128,700		\$8,400	
Total	\$128,700		\$8,400	
Importance Code A	\$32,200		\$900	
Importance Code B	\$14,500			
Importance Code C	\$81,900		\$7,500	
Total	\$128,700		\$8,400	



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

DEPARTMENT OF TRANSPORTATION - 841
BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N
Asset # : 13515

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Backwall								
	Not Accessible	100%							
	Brngs,Ancr Blts,Pads								
	Steel	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Underside Of Bridge					
				Explanation : Not Accessible For Inspection. Requires Railroad Flagman					
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Steel	99%			LIFE		* *		
	Steel	1%	4+	\$900	LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Explanation : Damaged Filler Material					
	Mat (scour & erosion)								
	Earth	100%			LIFE		* *		
	Stem (breastwall)								
	Concrete	10%	4+	\$13,600	LIFE		* *		
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
	Concrete	90%			LIFE		* *		
	Walls								
	Not Accessible	100%							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Not Accessible	100%							
Feature Crossed									
	Mat (scour & erosion)								
	Generic	100%			LIFE		* *		
Approaches									

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

DEPARTMENT OF TRANSPORTATION - 841
BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N
Asset # : 13515

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

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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
BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N
Asset # : 13515

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%	4+	\$1,200	2037	* *	4	\$300	
	Cracks, Extent : Light, Area Affected : 2% Location : Random Locations Throughout Spalling, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
Steel	100%			LIFE	* *			
Sidewalks								
Asphalt	100%	4+	\$9,000	2029	* *	4	\$7,900	
	Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Settlement, Extent : Light, Area Affected : 2% Location : Random Locations Throughout Spalling, Extent : Light, Area Affected : 3% Location : Random Locations Throughout							
Concrete	100%	4+	\$9,900	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 2% Location : Random Locations Throughout Spalling, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
Piers								
Cap Beam								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2048	* *			
	Other Observation, Extent : Light, Area Affected : 100% Location : North Side Curb Explanation : North Side Curb Is Concrete With Steel Face And Concrete Roadway Barrier At South Side.							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N
Asset # : 13515

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$16,800	2041		* *		
	Exposed Reinforcement, Extent : Light, Area Affected : 3%							
	Location : South Face Of Concrete Barrier							
	Spalling, Extent : Light, Area Affected : 15%							
	Location : South Face Of Concrete Barrier							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Along The South Side Of The Bridge							
	Explanation : Concrete Guide Rail With Steel Fencing							
Railings/Parapets								
Concrete	100%			2037		* *	4	\$1,100
Steel	100%			LIFE		* *	2-8	\$15,500
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Exterior Surface							
Sidewalks								
Concrete	100%	4+	\$11,100	2033		* *	5	\$6,000
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Wearing Surface								
Concrete	100%			2037		* *	5	\$129,100
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST
Address : 133RD - 135TH ST
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0077.000 / 2508 **Yr Built/Renovated** : 1938 /
Area Sq Ft : 32,900 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 24-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2266540

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,005,700	\$1,414,400
Total	\$1,005,700	\$1,414,400
Importance Code A	\$797,600	\$238,200
Importance Code B		\$651,300
Importance Code C	\$208,000	\$524,900
Total	\$1,005,700	\$1,414,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$44,600	\$111,200	\$66,000	\$400
Total	\$44,600	\$111,200	\$66,000	\$400
Importance Code A	\$12,100	\$1,100	\$700	
Importance Code B	\$4,900		\$65,300	
Importance Code C	\$27,600	\$110,100		\$400
Total	\$44,600	\$111,200	\$66,000	\$400



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

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

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Backwall								
	Concrete	100%			LIFE		**		
Footings									
	Not Accessible	100%							
Joint with Deck									
	Not Accessible	100%							
Mat (scour & erosion)									
	Generic	100%			LIFE		**		
Stem (breastwall)									
	Brick	100%			LIFE		**		
Wingwalls									
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Generic	100%	4+	\$8,400	LIFE		**		
Spalling, Extent : Light, Area Affected : 10%									
Location : Small Random Potholes Throughout									
Piles									
	Not Accessible	100%							
Walls									
	Brick	95%			LIFE		**		
	Brick	5%	4+	\$2,500	LIFE		**		
Other Observation, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Explanation : Broken/missing Element									
	Concrete	55%	4+	\$208,000	LIFE		**		
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Joint Filler At Southwest Wingwall Joint									
Cracks, Extent : Light, Area Affected : 2%									
Location : Northwest Wingwall									
Spalling, Extent : Light, Area Affected : 2%									
Location : Southwest Wingwall									
Other Observation, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
Explanation : Minor Peeling Paint									
	Concrete	45%			LIFE		**		
Feature Crossed									
	Mat (scour & erosion)								
	Generic	100%			LIFE		**		
Approaches									
Pavement									
	Asphalt	100%			2028	\$183,400	4	\$4,800	
	Concrete	10%	4+	\$9,700	2036	**	4	\$217,000	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
	Concrete	90%			2036	**	4	\$325,600	

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2036	**	4		
Steel	100%			LIFE	**	2-8	\$25,700	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
Steel	100%	4+	\$10,100	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Northern Approach								
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			LIFE	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At Cracks								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete Encased Steel	100%	4+	\$4,900	LIFE	**	5	\$12,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Delamination								
Steel	100%			LIFE	**	2-8	\$937,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Span 1								
Explanation : Impact Damage								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Footings								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2047		**		
			Vegetation Growth, Extent : Light, Area Affected : 10%					
			Location : At Joints					
Gratings								
Steel	100%			LIFE		**		
Guide Railing								
Concrete	100%			2040		**		
			Other Observation, Extent : Light, Area Affected : 30%					
			Location : Random Locations Throughout					
			Explanation : Peeling Paint					
Steel	100%	4+	\$2,000	LIFE		**		
			Broken/Missing Elements, Extent : Light, Area Affected : 5%					
			Location : Broken Support At Southwest Side					
Median								
Concrete	100%			LIFE		**	5	
Railings/Parapets								
Concrete	100%			2036		**	4	\$3,200
			Other Observation, Extent : Light, Area Affected : 20%					
			Location : Random Locations Throughout					
			Explanation : Minor Scaling And Peeling Paint					
Sidewalks								
Concrete	100%			2032		**	5	\$800
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					
Wearing Surface								
Asphalt	100%	4+	\$6,800	2028	\$341,500	5		\$17,100
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Transverse Cracks					
Superstructure								
Deck,Structural								
Concrete	40%			LIFE		**	5	\$36,200
Concrete	60%	2-4	\$245,300	LIFE		**	5	\$36,200
			Cracks, Extent : Light, Area Affected : 20%					
			Location : On Underside Of Deck					
			Spalling, Extent : Light, Area Affected : 20%					
			Location : On Underside Of Deck					

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete Encased Steel	100%	4+	\$552,400	LIFE	* *	5	\$165,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$509,500	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$211,300	\$3,179,100
Total	\$211,300	\$3,179,100
Importance Code A		\$257,900
Importance Code B		\$203,900
Importance Code C	\$211,300	\$2,717,300
Total	\$211,300	\$3,179,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$69,900		\$48,000	\$47,600
Total	\$69,900		\$48,000	\$47,600
Importance Code A	\$8,500		\$27,500	\$26,300
Importance Code B	\$32,400		\$20,400	
Importance Code C	\$29,000			\$21,300
Total	\$69,900		\$48,000	\$47,600



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
CONEY ISLAND AVE. BRIDGE
Asset # : 13577

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		* *		
Backwall								
Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$21,600	LIFE		* *		
Missing/Damaged Seal, Extent : Light, Area Affected : 15%								
Location : North Abutment								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Concrete Headers								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	15%	4+	\$10,800	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Abutments								
Concrete	85%			LIFE		* *		
Masonry	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	5%	4+	\$45,800	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	95%			LIFE		* *		
Masonry: Stone	100%			LIFE		* *		
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841
CONEY ISLAND AVE. BRIDGE
Asset # : 13577

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Pavement								
	Asphalt	70%	4+	\$37,500	2026	\$1,874,100	4	\$42,700	
		Cracks, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Asphalt	30%			2026	\$803,200	4	\$42,700	
Curbs									
	Concrete w/ Steel Face	100%			LIFE	* *			
Embankment									
	Earth	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Southwest Approach							
		Explanation : Earth Embankment							
Guide Railing									
	Concrete	100%			2034	* *	4	\$43,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both East And West Parapets							
		Explanation : Steel Fence On Top Of Concrete Parapet							
	Steel	100%			LIFE	* *	2-8	\$44,200	
Mat (scour & erosion)									
	Earth	100%			LIFE	* *			
Median									
	Concrete	100%	4+	\$8,500	LIFE	* *	5	\$5,100	
		Spalling, Extent : Light, Area Affected : 2%							
		Location : North Approach							
Sidewalks									
	Concrete	100%	4+	\$67,800	LIFE	* *			
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Settlement, Extent : Light, Area Affected : 2%							
		Location : Northwest Approach							
Piers									
	Cap Beam								
	Steel	100%			LIFE	* *	2-8	\$124,800	
Pier,Columns									
	Concrete	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Concrete Pier Columns							
		Explanation : Stone Facing							
Brngs,Ancr Blts,Pads									
	Steel	100%			LIFE	* *	2-8	\$1,400	
		Other Observation, Extent : Light, Area Affected : 33%							
		Location : Piers 1, 2 and 3							
		Explanation : Steel Bearing Assembly (Fixed Brg.) At Pier 2. Elastomeric Bearings (Expansion Bearing) At Piers 1 And 3.							
	Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
CONEY ISLAND AVE. BRIDGE
Asset # : 13577

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete w/ Steel Face	100%			LIFE	**			
	Median								
	Concrete	100%			LIFE	**	5	\$3,400	
		Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout							
	Mono Deck Surface								
	Concrete	100%			2051	**	5		
	Railings/Parapets								
	Concrete	100%			2034	**	4	\$9,200	
		Other Observation, Extent : Light, Area Affected : 100% Location : Both Parapets Explanation : Concrete Parapet With Steel Fence On Top							
	Steel	100%			LIFE	**	2-8	\$12,700	
	Sidewalks								
	Concrete	100%	4+	\$29,000	2030	**	5	\$4,800	
		Cracks, Extent : Moderate, Area Affected : 10% Location : Random Locations Throughout							
	Wearing Surface								
	Concrete	100%	4+	\$60,300	2034	**	5	\$40,000	
		Cracks, Extent : Light, Area Affected : 5% Location : Near Cold Joints At Piers							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	**	5	\$22,700	
		Corrosion, Extent : Light, Area Affected : 10% Location : Random Locations Throughout At Underside Of Stay-In-Place Decks Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Except Underdeck Bay Along Centerline Of Bridge Explanation : Underdeck Steel Deck Form							
	Primary Member								
	Steel	100%			LIFE	**	2-8	\$380,800	
	Secondary Member								
	Steel	100%			LIFE	**	2-8	\$319,000	

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$156,500	\$2,218,500
Total	\$156,500	\$2,218,500
Importance Code A		\$412,200
Importance Code B	\$72,100	\$371,000
Importance Code C	\$84,400	\$1,435,300
Total	\$156,500	\$2,218,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$79,100		\$75,300	
Total	\$79,100		\$75,300	
Importance Code A	\$34,900		\$38,100	
Importance Code B	\$16,900		\$37,200	
Importance Code C	\$27,400			
Total	\$79,100		\$75,300	



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

DEPARTMENT OF TRANSPORTATION - 841
CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS
Asset # : 2661

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$72,100	LIFE		* *		
			Missing/Damaged Seal, Extent : Light, Area Affected : 15%					
			Location : Random Locations Throughout					
Mat (scour & erosion) Earth	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Masonry	100%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Piles Not Accessible	100%							
Walls Masonry	100%			LIFE		* *		
Approaches								
Pavement Asphalt	100%	4+	\$27,400	2026	\$1,367,600	4	\$18,800	
			Cracks, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout					
			Other Observation, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout					
			Explanation : Pavement Patching					
Curbs Concrete w/ Steel Face	100%	4+	\$4,100	LIFE		* *		
			Rust Stains, Extent : Moderate, Area Affected : 50%					
			Location : Throughout					
			Vegetation Growth, Extent : Moderate, Area Affected : 15%					
			Location : Random Locations Throughout					
Sidewalks Concrete	100%			LIFE		* *		
Piers								
Cap Beam Concrete	100%			LIFE		* *		
			Efflorescence, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					

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

DEPARTMENT OF TRANSPORTATION - 841
CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS
Asset # : 2661

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
Pier,	Columns	100%			LIFE		* *		
	Concrete								
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Water Stains							
Stem,	Solid Pier	100%	4+	\$16,900	LIFE		* *		
	Masonry								
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Efflorescence Staining							
Brngs,	Ancr Blts,Pads	100%			LIFE		* *	2-8	\$10,300
	Steel								
Footings	Not Accessible	100%							
Mat (scour & erosion)	Earth	100%			LIFE		* *		
Pedestals	Concrete	100%			LIFE		* *		
Piles	Not Accessible	100%							
Deck Elements									
Curbs	Concrete w/ Steel Face	100%	4+	\$11,100	LIFE		* *		
		Rust Stains, Extent : Moderate, Area Affected : 50%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Railings/Parapets	Concrete	100%	4+	\$19,700	2034		* *	4	\$8,600
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Steel	100%			LIFE		* *	2-8	\$11,700
		Corrosion, Extent : Light, Area Affected : 30%							
		Location : Throughout							
Sidewalks	Concrete	100%	4+	\$37,300	2030		* *	5	\$13,200
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Left Side- Span 1							
Wearing Surface	Asphalt	100%			2026			5	
	Concrete	100%	4+	\$47,100	2034		* *	5	\$67,700
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							

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

DEPARTMENT OF TRANSPORTATION - 841
CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS
Asset # : 2661

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Deck Elements									
	Scupper								
	Cast Iron	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Along The Curbs							
		Explanation : Total Of 8 Scuppers							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE		* *	5	\$41,200
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Stay In Place Forms - Good Condition							
Joints									
	Steel	100%			LIFE		* *		
Primary Member									
	Steel	100%			LIFE		* *	2-8	\$692,900
Secondary Member									
	Steel	100%			LIFE		* *	2-8	\$580,400

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$1,505,200
Total		\$1,505,200
Importance Code A		\$168,300
Importance Code B		\$168,300
Importance Code C		\$1,168,700
Total		\$1,505,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$58,800		\$34,100	\$26,300
Total	\$58,800		\$34,100	\$26,300
Importance Code A	\$35,400		\$17,200	
Importance Code B	\$17,900		\$16,900	
Importance Code C	\$5,500			\$26,300
Total	\$58,800		\$34,100	\$26,300



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$17,900	LIFE	**			
Missing/Damaged Seal, Extent : Light, Area Affected : 5% Location : North Joint								
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Not Accessible	100%							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100% Location : Adjacent To All Wingwalls Explanation : Minor Vegetation Growth								
Piles Not Accessible	100%							
Walls Granite	100%			LIFE	**			
Approaches								
Pavement Asphalt	100%			2026	\$1,168,700	4	\$21,200	
Concrete	100%			2034	**	4	\$31,500	
Curbs Concrete w/ Steel Face	100%			LIFE	**			
Corrosion, Extent : Light, Area Affected : 10% Location : Random Locations Throughout								
Embankment Earth	100%			LIFE	**			
Guide Railing Steel	100%	4+	\$21,900	LIFE	**	2-8	\$5,900	
Other Observation, Extent : Moderate, Area Affected : 25% Location : Northeast And Southeast Explanation : Guide Rail Has Vehicular Impact Damage								
Mat (scour & erosion) Earth	100%			LIFE	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks In Concrete Deck, Sidewalk Propagated Through Fascias Parapets								
Piers								
Cap Beam								
Concrete	100%			LIFE		* *		
Pier,Columns								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Fascia Columns								
Explanation : Fascia Columns Are Concrete With Cut Stone Masonry Facing (Veneer)								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *	2-8	\$4,100
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Median								
Concrete	100%			LIFE		* *	5	\$1,400
Mono Deck Surface								
Concrete	100%			2045		* *	5	
Railings/Parapets								
Concrete	100%	4+	\$13,500	2034		* *	4	\$7,800
Spalling, Extent : Moderate, Area Affected : 1%								
Location : Both Fascias At Northeast And Northwest Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Parapets								
Explanation : Vertical Face Concrete Parapet With Steel Chainlink Protective Screening Mounted On Top Of Parapet								
Sidewalks								
Concrete	100%	4+	\$5,500	2030		* *	5	\$2,600
Cracks, Extent : Light, Area Affected : 15%								
Location : East And West Sidewalks Through Fascias								

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Concrete	100%			2034	* *	5		
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Throughout Entire Deck							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$18,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Entire Deck							
		Explanation : Concrete Deck With Stay - In - Place Metal Forms							
	Primary Member								
	Steel	100%			LIFE	* *	2-8	\$314,300	
	Secondary Member								
	Steel	100%			LIFE	* *	2-8	\$263,300	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY
Address : OVER BELT SHORE PARKWAY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0153.000 / 13516 **Yr Built/Renovated** :
Area Sq Ft : 23,205 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 11-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231559

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$627,600	\$757,200
Total	\$627,600	\$757,200
Importance Code A	\$229,700	\$459,400
Importance Code B	\$312,200	\$229,700
Importance Code C	\$85,700	\$68,200
Total	\$627,600	\$757,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$339,300		\$135,700	
Total	\$339,300		\$135,700	
Importance Code A	\$200,300		\$47,100	
Importance Code B	\$65,800		\$23,000	
Importance Code C	\$73,200		\$65,600	
Total	\$339,300		\$135,700	



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
CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY
Asset # : 13516

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	30%	4+	\$15,400	LIFE		* *		
	Cracks, Extent : Moderate, Area Affected : 5%							
	Location : Random Locations Throughout							
Concrete	70%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	65%	4+	\$20,500	LIFE		* *		
	Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%							
	Location : Both Abutments							
Generic	35%			LIFE		* *		
Mat (scour & erosion) Earth	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 60%							
	Location : Both Abutments							
	Explanation : Earth On Side And Pave Stone On A Slope Underneath Abutment							
Pedestals Concrete	100%	4+	\$3,200	LIFE		* *		
	Cracks, Extent : Moderate, Area Affected : 5%							
	Location : Beginning Of Abutment West Side							
	Exposed Reinforcement, Extent : Moderate, Area Affected : 5%							
	Location : Beginning Of Abutment West Side							
	Spalling, Extent : Moderate, Area Affected : 5%							
	Location : Beginning Of Abutment West Side							
Stem (breastwall) Concrete	59%	4+	\$40,500	LIFE		* *		
	Cracks, Extent : Moderate, Area Affected : 5%							
	Location : Begin Abutment West Side							
	Exposed Reinforcement, Extent : Moderate, Area Affected : 10%							
	Location : End Abutment West Side							
	Explanation : Exposed Rebars							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : End Abutment West Side							
Concrete	41%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Masonry: Stone	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 : New Jersey Barrier</i>								
Approaches								
Pavement								
Asphalt	74%	4+	\$85,700	2029		* *	4	\$131,300
<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 : On Surface</i>								
<i>Explanation : Pavement Area Consists Of 80 Percent Asphalt And 20 Percent Concrete</i>								
Asphalt	26%			2029		* *	4	\$131,300
Concrete	100%	4+	\$12,600	2037		* *	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%			LIFE		* *		
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Median								
Concrete	100%			LIFE		* *	5	
Railings/Parapets								
Steel	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$15,500	LIFE		* *		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Isolated Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Both Approaches</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 BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY
Asset # : 13516

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier, Columns Concrete	100%	4+	\$42,100	LIFE	* *			
	Cracks, Extent : Moderate, Area Affected : 15%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At Pier							
	Explanation : Pier Column Is 65 Percent Concrete And 35 Percent Stone Masonry							
Masonry	100%	4+	\$3,400	LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : At Piers, Scattered Locations Throughout							
	Explanation : Loose Elements And Vegetation Growth							
Brngs, Ancr Blts, Pads Steel	100%			LIFE	* *	2-8	\$27,600	
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At Pier							
	Explanation : Paved Roadway							
Piles Not Accessible	100%							
Deck Elements								
Curbs Concrete w/ Steel Face	100%			LIFE	* *			
Median Concrete	100%	4+	\$32,900	LIFE	* *	5	\$27,900	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Near End Approach							
	Vegetation Growth, Extent : Light, Area Affected : 1%							
	Location : Near End Approach							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Concrete Island Median							
Railings/Parapets Steel	100%			LIFE	* *	2-8	\$12,200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Steel Railing And Fence							
Sidewalks Concrete	100%	4+	\$6,200	2033	* *	5	\$3,600	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Isolated Locations							

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface Concrete	100%	4+	\$28,900	2037	**	5	\$68,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Near Approach								
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$51,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Forms Used Under Deck								
Joints								
Generic	100%	4+	\$10,000	LIFE	**			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 35%								
Location : Random Locations Throughout								
Primary Member								
Steel	2%	4+	\$30,900	LIFE	**	2-8	\$429,000	
Loss of Section, Extent : Severe, Area Affected : 2%								
Location : Near North Center Pier								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Bird Nesting								
Steel	98%			LIFE	**	2-8	\$735,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$630,800	

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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 : 22-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2076640

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,532,700	\$1,316,300
Total	\$1,532,700	\$1,316,300
Importance Code A	\$450,000	\$296,900
Importance Code B	\$836,200	\$597,700
Importance Code C	\$246,500	\$421,700
Total	\$1,532,700	\$1,316,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$286,400		\$100,400	
Total	\$286,400		\$100,400	
Importance Code A	\$143,600		\$38,800	
Importance Code B	\$107,500		\$61,500	
Importance Code C	\$35,200			
Total	\$286,400		\$100,400	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Cast Iron	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : Steel Sheeting Underconstruction								
Concrete	100%			LIFE		**		
Feature Crossed								
Bank Protection								
Riprap	100%	Now	\$123,200	LIFE		**		
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Along West Fascia - Harlem River								
Erosion, Extent : Moderate, Area Affected : 40%								
Location : Along Bank Of Harlem River								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Southern Section								
Explanation : No Component For 50% Of Asset								

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection Steel	100%	0-2	\$431,900	LIFE	**			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Piers Located Along Bank Of Harlem River								
Explanation : Corrosion/ Section Loss On Steel Fender System								
Approaches								
Pavement Asphalt	100%	2-4	\$58,400	2026	\$292,100	4	\$3,900	
Cracks, Extent : Moderate, Area Affected : 40%								
Location : More Severe At South Approach								
Concrete	100%	4+	\$13,600	2037	**	4	\$14,900	
Cracks, Extent : Light, Area Affected : 15%								
Location : Both Approaches								
Curbs								
Concrete	5%	4+	\$4,000	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Random Locations								
Settlement, Extent : Light, Area Affected : 10%								
Location : More Severe At South Approach								
Concrete	95%			LIFE	**			
Granite	100%			LIFE	**			
Embankment								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	80%			LIFE	**			
Earth	20%	Now	\$1,400	LIFE	**			
Erosion, Extent : Moderate, Area Affected : 50%								
Location : South Approach Along Bank Of Harlem River								
Railings/Parapets								
Concrete	100%			2037	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Under Construction	100%							
Piers								
Cap Beam Concrete	100%			LIFE	**			
Pier,Columns Steel	100%			LIFE	**	2-8	\$74,700	
Stem,Solid Pier Concrete	100%	4+	\$105,500	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Spall With Exposed Rebars								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads Steel	100%	4+	\$109,100	LIFE	**	2-8	\$16,000	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Under Leaky Deck Joints								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	2-4	\$44,000	LIFE	**			
Broken,Missing Pave, Extent : Severe, Area Affected : 20%								
Location : Along Harlem River								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%	4+	\$17,600	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Piers 5, 6 And 7								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Piles								
Steel	100%			LIFE	**			
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Railings/Parapets								
Concrete	100%			2037	**	4	\$16,000	
Steel	100%			LIFE	**	2-8	\$15,400	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations, Steel Railing On Top Of Concrete Parapet On Both Sides.								
Also Chain Link Fence On Both Sides In The Spans Over Tracks, Total Length Approximately 125 Feet								
Sidewalks								
Concrete	100%	4+	\$11,700	2033	**	5	\$4,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Wearing Surface								
Concrete	95%			2037	**	5	\$129,600	
Concrete	5%	4+	\$5,600	2037	**	5	\$64,800	
Cracks, Extent : Light, Area Affected : 20%								
Location : Spans 1 To 5								
Spalling, Extent : Light, Area Affected : 3%								
Location : Near South End								

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	* *	5	\$66,500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Spans 5 To 11							
	Explanation : Stay In Place Forms At Underdeck							
Joints								
Generic	100%	4+	\$4,300	LIFE	* *			
	Leakage, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Near South Abutment							
	Explanation : Consists Of 20 Percent Precast Box Beam Girders And 80 Percent Steel Girders							
Steel	100%			LIFE	* *	2-8	\$950,600	
Secondary Member								
Steel	5%	2-4	\$6,400	LIFE	* *	2-8	\$467,600	
	Corrosion, Extent : Light, Area Affected : 20%							
	Location : Adjacent To Deck Joints							
	Loss of Section, Extent : Light, Area Affected : 5%							
	Location : Adjacent To Deck Joints							
Steel	95%			LIFE	* *	2-8	\$820,800	

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$694,800	\$3,770,100
Total	\$694,800	\$3,770,100
Importance Code A	\$120,900	\$170,200
Importance Code B	\$71,200	\$170,200
Importance Code C	\$502,700	\$3,429,600
Total	\$694,800	\$3,770,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$160,200		\$35,700	
Total	\$160,200		\$35,700	
Importance Code A	\$36,000		\$18,700	
Importance Code B	\$47,000		\$17,100	
Importance Code C	\$77,100			
Total	\$160,200		\$35,700	



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

DEPARTMENT OF TRANSPORTATION - 841

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure		Current Repair		Future Replacement		Maintenance			
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		* *		
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : Both Abutments					
	Brngs,Ancr Blts,Pads								
	Steel	100%			LIFE		* *		
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Generic	100%	4+	\$19,500	LIFE		* *		
				Cracks, Extent : Light, Area Affected : 5%					
				Location : At Concrete Headers					
				Missing/Damaged Seal, Extent : Light, Area Affected : 20%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 5%					
				Location : At Concrete Headers					
	Mat (scour & erosion)								
	Earth	100%			LIFE		* *		
	Pedestals								
	Concrete	100%			LIFE		* *		
	Stem (breastwall)								
	Concrete	100%	4+	\$71,200	LIFE		* *		
				Cracks, Extent : Light, Area Affected : 10%					
				Location : Both Abutments					
				Spalling, Extent : Light, Area Affected : 5%					
				Location : At South Abutment					
	Masonry	100%	4+	\$13,300	LIFE		* *		
				Broken/Missing Elements, Extent : Light, Area Affected : 5%					
				Location : At Northeast Corner					
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls									
	Walls								
	Concrete	6%	4+	\$56,700	LIFE		**		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Vertical And Horizontal Cracks At Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Random Locations Throughout							
		Explanation : Paint Peeling							
	Concrete	94%			LIFE		**		
	Masonry: Stone	80%	4+	\$29,500	LIFE		**		
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : All Wingwalls Except Northeast Wingwall							
		Explanation : Efflorescence At Joints							
	Masonry: Stone	20%			LIFE		**		
Approaches									
	Pavement								
	Asphalt	100%	4+	\$343,000	2026	\$3,429,600	4	\$54,600	
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
	Curbs								
	Concrete w/ Steel Face	100%	4+	\$73,500	LIFE		**		
		Corrosion, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
	Embankment								
	Earth	100%			LIFE		**		
	Guide Railing								
	Steel	100%			LIFE		**	2-8	\$43,600
	Mat (scour & erosion)								
	Earth	100%			LIFE		**		
	Median								
	Concrete	100%	4+	\$47,400	LIFE		**	5	\$11,300
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : At Concrete Curbs With Steel Face							
		Explanation : Corrosion							
	Sidewalks								
	Concrete	100%	4+	\$41,300	LIFE		**		
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%	2-4	\$14,300	LIFE		**		
Joints Missing, Extent : Light, Area Affected : 5%								
Location : West Center Pier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Piers								
Explanation : Outer Face Finished With Stone Masonry								
Brngs,Ancr Blts,Pads Steel	100%			LIFE		**	2-8	\$1,400
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs Concrete w/ Steel Face	100%	4+	\$23,200	LIFE		**		
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Median Concrete	100%	4+	\$12,800	LIFE		**	5	\$3,000
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : At Concrete Curbs With Steel Face								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets Steel	100%			LIFE		**	2-8	\$11,400
Sidewalks Concrete	100%	4+	\$13,100	2030		**	5	\$2,200
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface Concrete	100%			2034		**	5	\$69,100
Superstructure								
Deck,Structural Concrete	100%			LIFE		**	5	\$18,900

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	80%	4+	\$49,300	LIFE	* *			
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : At Joint Rubber Seal</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Concrete Headers</i>							
Generic	20%	0-2	\$12,300	LIFE	* *			
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Joint Rubber Seal</i>							
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Rubber Seal</i>							
Primary Member								
Steel	100%			LIFE	* *	2-8	\$318,000	
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling With Minor Surface Corrosion</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$266,400	
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling With Minor Surface Corrosion</i>							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$562,400	\$3,130,400
Total	\$562,400	\$3,130,400
Importance Code A	\$40,700	
Importance Code C	\$521,600	\$3,130,400
Total	\$562,400	\$3,130,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$24,600		\$500	\$4,800
Total	\$24,600		\$500	\$4,800
Importance Code A	\$3,600		\$500	\$4,800
Importance Code C	\$21,000			
Total	\$24,600		\$500	\$4,800



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$98,900	LIFE		* *		
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : End Abutment Wingwall								
Masonry: Stone	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	0-2	\$285,600	2026	\$2,856,300	4	\$45,500	
Cracks, Extent : Moderate, Area Affected : 35%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	100%			2034		* *	4	
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
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
E. 165TH ST. BRIDGE / METRO-NORTH RR
Asset # : 13574

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$14,700	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Throughout								
Median								
Concrete	100%	4+	\$3,600	LIFE	**	5	\$2,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2034	**	4	\$9,700	
Steel	100%	4+	\$40,700	LIFE	**	2-8	\$13,300	
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Sidewalks								
Concrete	100%	4+	\$6,300	2030	**	5	\$2,600	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	2-4	\$137,100	2026	\$274,100	5	\$12,100	
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

Superstructure

Secondary Member

Not Accessible

100%

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR
Address : EAST 144TH STREET
Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0184.000 / 13718 Yr Built/Renovated : 1920 /
Area Sq Ft : 8,290 Project Type : HIGHWAY BRIDGES
Date of Survey : 31-Aug-2016 Landmark Status : NONE
Areas Surveyed :
Block : Lot : BIN : 2241550

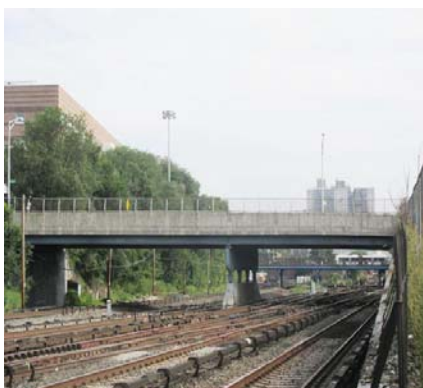
CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$38,100			
Total	\$38,100			
Importance Code B	\$12,200			
Importance Code C	\$25,900			
Total	\$38,100			



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$12,200	LIFE		* *		
Loose Elements, Extent : Moderate, Area Affected : 20%								
Location : East Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 50 Percent Of The Wall Is Not Accessible								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$4,300	LIFE		* *		
Missing Bricks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : West Side South Wingwall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Masonry Stone - 25 Percent Concrete Cribbing								
Masonry: Stone	100%	4+	\$2,800	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 15%								
Location : Both Sides West Wingwalls And North Side East Wingwall								
Explanation : Loose/ Eroded Joints								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	2-4	\$9,000	2029	**	4	\$800	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Both Approaches							
	Settlement, Extent : Light, Area Affected : 10%							
	Location : East Approach							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Approaches							
	Explanation : 50 Percent Asphalt And 50 Percent Concrete							
Concrete	100%	4+	\$4,700	2037	**	4	\$3,100	
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : East Approach							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Embankment								
Earth	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Beginning at Right Side							
	Explanation : Begin Right Wingwall Is Earth And Concrete Cribbing							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**			
	Corrosion, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
Sidewalks								
Concrete	100%			LIFE	**			
	Cracks, Extent : Light, Area Affected : 3%							
	Location : Random Locations Throughout							
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EAST 149TH STREET BRIDGE
Address : EAST 149TH STREET / AMTRAK RAILS
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0179.000 / 13713 **Yr Built/Renovated** : 1907 / 1981
Area Sq Ft : 12,575 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 23-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241129

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$288,400	\$373,400
Total	\$288,400	\$373,400
Importance Code A	\$163,900	\$248,900
Importance Code B	\$124,500	\$124,500
Total	\$288,400	\$373,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$140,700		\$39,100	
Total	\$140,700		\$39,100	
Importance Code A	\$52,600		\$26,600	
Importance Code B	\$31,600		\$12,500	
Importance Code C	\$56,500			
Total	\$140,700		\$39,100	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$8,900	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Loose Elements								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$7,200	2029		* *	4	\$1,500
Cracks, Extent : Light, Area Affected : 15%								
Location : Both Abutments								
Settlement, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout And Most Severe At North Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Abutments								
Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%	2-4	\$11,100	2037		* *	4	\$5,800
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Joints At West Abutment And Random Locations At South Abutment								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		Corrosion, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Concrete	80%	4+	\$1,500	2037		**	4	\$2,600
		Cracks, Extent : Light, Area Affected : 4%						
		Location : Random Locations Throughout						
		Spalling, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 3%						
		Location : Random Locations Throughout						
Concrete	20%			2037		**	4	\$2,600
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	75%	4+	\$6,800	LIFE		**		
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Concrete	10%	4+	\$5,500	LIFE		**		
		Settlement, Extent : Moderate, Area Affected : 30%						
		Location : Random Locations Throughout						
Concrete	15%	0-2	\$8,200	LIFE		**		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%						
		Location : More Severe At North Approach West Side						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : East And West Sides						
		Explanation : Steel Fascia With Corrugated Steel Siding For Railroad Protection						
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%	4+	\$3,300	LIFE	**	5	\$2,600	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	100%	4+	\$5,600	2048	**	5	\$33,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$16,100	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Steel Fascia With Steel Railing And Cladding On Top								
Sidewalks								
Concrete	90%	4+	\$9,500	2033	**	5	\$5,800	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Adjacent To Concrete Barrier Wall								
Explanation : Water Ponding								
Concrete	10%	4+	\$2,600	2033	**	5	\$5,800	
Cracks, Extent : Light, Area Affected : 80%								
Location : Both Sides								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Steel	98%			LIFE	**	2-8	\$398,500	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	2%	4+	\$39,400	LIFE	**	2-8	\$232,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Impact Damage								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$341,900	

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$1,432,700
Total		\$1,432,700
Importance Code C		\$1,432,700
Total		\$1,432,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$79,000	\$4,500		\$13,500
Total	\$79,000	\$4,500		\$13,500
Importance Code A	\$15,100			\$2,100
Importance Code C	\$64,000	\$4,500		\$11,400
Total	\$79,000	\$4,500		\$13,500



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

DEPARTMENT OF TRANSPORTATION - 841
EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS
Asset # : 2479

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	50%			2026	\$716,300	4	\$22,800	
Asphalt	50%	4+	\$14,300	2026	\$716,300	4	\$22,800	
Broken,Missing Pave, Extent : Light, Area Affected : 2%								
Location : At East Approach								
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Uneven Asphalt Surface								
Curbs								
Concrete w/ Steel Face	100%	4+	\$11,900	LIFE		* *		
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS
Asset # : 2479

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$23,900	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Joint Freezing, Extent : Light, Area Affected : 10%								
Location : Along North Sidewalk Joints								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,200	LIFE		* *		
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2034		* *	4	\$4,200
Other Observation, Extent : Light, Area Affected : 40%								
Location : North Side Of Deck								
Explanation : Concrete Parapet								
Sidewalks								
Concrete	100%			2030		* *	5	\$9,000
Wearing Surface								
Concrete	100%	4+	\$25,700	2034		* *	5	\$17,100
Cracks, Extent : Light, Area Affected : 10%								
Location : Along Both Sides Of Approach Joints								
Delaminations, Extent : Light, Area Affected : 5%								
Location : Along Both Sides Of Approach Joints								
Spalling, Extent : Light, Area Affected : 2%								
Location : Along Both Sides of Approach Joints								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST
Address : GRAND CONCOURSE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0063.000 / 2488 **Yr Built/Renovated** : 1923 /
Area Sq Ft : 35,917 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2242300

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$907,000	\$2,133,000
Total	\$907,000	\$2,133,000
Importance Code A	\$131,800	\$220,500
Importance Code B	\$775,300	\$682,300
Importance Code C		\$1,230,200
Total	\$907,000	\$2,133,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$53,200	\$8,200	\$68,500	\$3,600
Total	\$53,200	\$8,200	\$68,500	\$3,600
Importance Code A			\$100	
Importance Code B	\$3,200		\$68,400	
Importance Code C	\$50,000	\$8,200		\$3,600
Total	\$53,200	\$8,200	\$68,500	\$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 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST
Asset # : 2488

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	100%			LIFE		* *		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	\$3,200	LIFE		* *		
Spalling, Extent : Light, Area Affected : 5%								
Location : Pothole At Eastern Exit Of Tunnel								
Stem (breastwall)								
Concrete	100%	4+	\$140,000	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Spalling At Interface With Pedestals, Water Infiltration At One Spall In South Abutment								
Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rust Stains								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 75%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	70%			2028	\$630,400	4	\$24,500	
Asphalt	30%	4+	\$27,000	2028	\$270,200	4	\$16,300	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	20%	4+	\$15,800	LIFE		**		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	80%			LIFE		**		
Piers								
Pier,Columns								
Steel	80%			LIFE		**	2-8	\$982,300
Steel	20%	4+	\$635,200	LIFE		**	2-8	\$982,300
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Pitting Throughout								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Wall Between Columns At Bottom								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Gratings								
Steel	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	\$16,900
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$2,100
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence And Box Beam Railing								
Sidewalks								
Concrete	80%			2032		**	5	\$7,200
Concrete	20%	4+	\$3,900	2032		**	5	\$3,600
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout, Large Crack At Sidewalk Over Eastern End Of Tunnel								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	90%			2028	\$296,700	5	\$33,000	
Asphalt	10%	4+	\$3,300	2028	\$33,000	5	\$16,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Side								
Explanation : Plants And Garden								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$131,800	LIFE	* *	5	\$39,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Cracks With Efflorescence At Deck Supporting Subway								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Underside Of Deck								
Explanation : Peeling Paint								
Primary Member								
Concrete Encased Steel	100%			LIFE	* *	5	\$181,000	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK
Address : OVER AMTRAK AT EAST TREMONT AVE / E. 180TH ST.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0155.000 / 13518 **Yr Built/Renovated** : 1907 /
Area Sq Ft : 22,300 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 31-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241270

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$423,900	\$449,500
Total	\$423,900	\$449,500
Importance Code A	\$220,700	\$264,200
Importance Code B	\$130,200	\$39,300
Importance Code C	\$73,000	\$146,000
Total	\$423,900	\$449,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$240,500		\$30,100	
Total	\$240,500		\$30,100	
Importance Code A	\$119,600		\$22,600	
Importance Code B	\$55,200		\$3,900	
Importance Code C	\$65,600		\$3,600	
Total	\$240,500		\$30,100	



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

DEPARTMENT OF TRANSPORTATION - 841
EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK
Asset # : 13518

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$22,200	LIFE		**		
Missing/Damaged Seal, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	12%	4+	\$90,900	LIFE		**		
Cracks, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Concrete	88%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$12,600	LIFE		**		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Masonry	80%	4+	\$8,300	LIFE		**		
Joint Motar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Abutment North Wingwall								
Explanation : One Wingwall Is Masonry And Lies Adjacent To Buildings; The Other Three Wingwalls Are Concrete.								
Masonry	20%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK
Asset # : 13518

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Pavement									
Asphalt		85%	4+	\$11,600	2029	**	4	\$7,300	
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout All Approaches									
Settlement, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 20%									
Location : Begin And End Approaches									
Explanation : Approach Pavement Is 15 Percent Concrete And 85 Percent Asphalt									
Asphalt		15%			2029	**	4	\$7,300	
Concrete		100%	4+	\$8,500	2037	**	4	\$11,100	
Cracks, Extent : Light, Area Affected : 30%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Both Joint Headers									
Curbs									
Concrete w/ Steel Face		100%			LIFE	**			
Corrosion, Extent : Light, Area Affected : 20%									
Location : Throughout									
Embankment									
Earth		100%			LIFE	**			
Mat (scour & erosion)									
Earth		100%			LIFE	**			
Median									
Concrete		80%	4+	\$10,400	LIFE	**	5	\$2,600	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Concrete		20%			LIFE	**	5	\$5,200	
Sidewalks									
Concrete		60%	4+	\$5,100	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Concrete		40%			LIFE	**			
Piers									
Pier,Columns									
Steel		100%			LIFE	**	2-8	\$185,600	
Brngs,Ancr Blts,Pads									
Not Accessible		100%							
Footings									
Not Accessible		100%							
Mat (scour & erosion)									
Earth		100%			LIFE	**			
Piles									
Not Accessible		100%							

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

DEPARTMENT OF TRANSPORTATION - 841
EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK
Asset # : 13518

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Median								
Concrete	85%			LIFE		**	5	\$43,400
Concrete	15%	4+	\$8,200	LIFE		**	5	\$21,700
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037		**	4	\$500
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Concrete Parapet								
Steel	100%			LIFE		**	2-8	\$7,900
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Steel Railing								
Sidewalks								
Concrete	100%	4+	\$7,700	2033		**	5	\$5,300
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	18%	4+	\$11,800	2037		**	5	\$73,000
Spalling, Extent : Light, Area Affected : 2%								
Location : Along Armored Joint Along East And West Abutments								
Concrete	82%			2037		**	5	\$146,000
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$706,600
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$336,100	\$3,287,900
Total	\$336,100	\$3,287,900
Importance Code A	\$285,300	\$1,538,600
Importance Code B	\$50,800	\$1,169,900
Importance Code C		\$579,500
Total	\$336,100	\$3,287,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$13,400	\$3,700	\$268,000	
Total	\$13,400	\$3,700	\$268,000	
Importance Code A		\$2,500	\$150,700	
Importance Code B			\$117,300	
Importance Code C	\$13,400	\$1,200		
Total	\$13,400	\$3,700	\$268,000	



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
FDR NB RAMP/SOUTH ST
Asset # : 4323

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%	Other Observation, Extent : Light, Area Affected : 0%						
		Location : End Abutment Is Within Contractor Staging Area						
		Explanation : Under Construction,						
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : End Abutment						
		Explanation : Under Construction						
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%	Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : Under Construction						
Walls								
Not Accessible	100%	Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : Under Construction						
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
		Explanation : Under Construction						
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841
FDR NB RAMP/SOUTH ST
Asset # : 4323

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%			2028	\$100,500	4	\$3,600	
Asphalt	40%	2-4	\$13,400	2028	\$67,000	4	\$2,400	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Minor Spalls With Deteriorated Surface (End Approach)								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : At Surface Of End Approach								
Explanation : Rutting								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Piers								
Cap Beam								
Concrete	75%			LIFE	**			
Concrete	25%	4+	\$285,300	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	100%			LIFE	**	2-8	\$1,135,000	
Pier,Columns								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$50,800	LIFE	**			
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Cracks And Spalling Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Mesh								
Steel	100%			LIFE	**	2-8	\$455,900	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Brngs,Ancr Blts,Pads								
Under Construction	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
FDR NB RAMP/SOUTH ST
Asset # : 4323

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Under Construction	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**	4	\$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Wearing Surface								
Asphalt	100%			2028	\$412,000	5	\$32,900	
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$36,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Form Is Observed Under Deck								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,889,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,582,700	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FDR SB RAMP/SOUTH ST
Address : DOVER AND SOUTH STREETS
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0027.0B0 / 4324 **Yr Built/Renovated** : 1954 /
Area Sq Ft : 44,600 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 26-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 223201B

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$877,200	\$2,852,700
Total	\$877,200	\$2,852,700
Importance Code A	\$751,500	\$1,802,600
Importance Code B	\$125,700	\$679,000
Importance Code C		\$371,100
Total	\$877,200	\$2,852,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$68,700	\$1,200	\$240,800	
Total	\$68,700	\$1,200	\$240,800	
Importance Code A	\$14,200		\$172,700	
Importance Code B	\$31,300		\$68,100	
Importance Code C	\$23,200	\$1,200		
Total	\$68,700	\$1,200	\$240,800	



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 RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$3,800	LIFE		* *		
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$9,800	LIFE		* *		
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Abutment Is Within Contractor Staging Area								
Explanation : Under Construction								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$4,000	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Granite	100%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		

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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement									
Asphalt	90%			2028	\$136,500	4	\$3,600		
Asphalt	10%	2-4	\$6,100	2028	\$15,200	4	\$2,400		
Cracks, Extent : Severe, Area Affected : 50%									
Location : Random Locations Throughout									
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	100%			2036	**	4			
Granite	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 30%									
Location : End Approach									
Explanation : Covered By Construction Fence									
Piers									
Cap Beam									
Steel	90%			LIFE	**	2-8	\$961,100		
Steel	10%	4+	\$65,700	LIFE	**	2-8	\$961,100		
Loss of Section, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Rust Stains, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Explanation : Paint Peeling									
Pier,Columns									
Steel	90%			LIFE	**	2-8	\$342,000		
Steel	10%	4+	\$125,700	LIFE	**	2-8	\$342,000		
Corrosion, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Stem,Solid Pier									
Concrete	100%	4+	\$17,900	LIFE	**				
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Efflorescence, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	**	2-8	\$5,000		
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Earth	100%			LIFE	**				
Pedestals									
Steel	100%			LIFE	**				
Piles									
Not Accessible	100%								

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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	* *	4		
Granite	100%			LIFE	* *			
Steel	100%	4+	\$10,400	LIFE	* *	2-8	\$17,000	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	80%			2028	\$175,500	5	\$19,300	
Asphalt	20%	2-4	\$13,200	2028	\$43,900	5	\$9,700	
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	* *	5	\$22,600	
Concrete	40%	2-4	\$304,800	LIFE	* *	5	\$22,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
Joints								
Generic	100%			LIFE	* *			

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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	70%			LIFE	* *	5	\$21,600	
Concrete	30%	0-2	\$287,800	LIFE	* *	5	\$21,600	
Cracks, Extent : Severe, Area Affected : 75%								
Location : Random Locations At Spans 9-10								
Efflorescence, Extent : Severe, Area Affected : 75%								
Location : Random Locations At Spans 9-10								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations At Spans 9-10								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations At Spans 9-10								
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Random Locations At Spans 9-10								
Explanation : Stalactite, Map Cracks With Wet Stains And Scaling								
Steel	95%			LIFE	* *	2-8	\$824,500	
Steel	5%	4+	\$93,300	LIFE	* *	2-8	\$824,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling And Temporary Support Near Pier 6								
Secondary Member								
Steel	100%	4+	\$3,600	LIFE	* *	2-8	\$690,700	
Corrosion, Extent : Severe, Area Affected : 1%								
Location : Span 6, End Diaphragm Of Bays 1 And 3 At Pier 6								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET
Address : 62ND ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0033.080 / 4208 **Yr Built/Renovated** : 1941 / 2006
Area Sq Ft : 70,113 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 28-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2233038

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$888,400	\$2,318,700
Total	\$888,400	\$2,318,700
Importance Code A	\$888,400	\$1,387,900
Importance Code B		\$694,000
Importance Code C		\$236,800
Total	\$888,400	\$2,318,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$23,700		\$238,200	
Total	\$23,700		\$238,200	
Importance Code A			\$139,200	
Importance Code B			\$69,600	
Importance Code C	\$23,700		\$29,400	
Total	\$23,700		\$238,200	



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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET
Asset # : 4208

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The Condition Of The Component Is Recorded Per NYS Inspection Report.								
Backwall Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Brngs,Ancr Blts,Pads Elastomeric	100%			2047		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET
Asset # : 4208

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement									
Asphalt	100%	4+	\$23,700	2028	\$236,800	4	\$4,300		
	Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Concrete	100%			2036	**	4			
Embankment									
Not Accessible	100%								
Mat (scour & erosion)									
Earth	100%			LIFE	**				
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	100%			2036	**	4			
Piers									
Cap Beam									
Concrete	100%			LIFE	**				
Steel	100%			LIFE	**	2-8			
Pier,Columns									
Concrete	100%			LIFE	**				
Concrete Encased Steel	100%			LIFE	**	5			
Stem,Solid Pier									
Concrete	100%			LIFE	**				
	Cracks, Extent : Light, Area Affected : 5%								
	Location : At East Face Of Pier 33								
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Generic	100%			LIFE	**				
Piles									
Not Accessible	100%								
Deck Elements									
Railings/Parapets									
Concrete	100%	4+	\$42,600	2036	**	4	\$9,700		
	Cracks, Extent : Light, Area Affected : 2%								
	Location : At Joints Along Fascia								
Wearing Surface									
Concrete	100%			2036	**	5	\$58,900		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Stay In Place Form Is Observed Underneath The Deck								
Scupper									
Cast Iron	100%			LIFE	**				
Superstructure									

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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
FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET
Asset # : 4208

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Form Is Observed								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	10%	4+	\$845,800	LIFE	**	2-8	\$1,296,200	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Impact Marks With Rust Stains To Bottom Flange Of Girders In Span 34								
Steel	90%			LIFE	**	2-8	\$1,296,200	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,085,800	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL
Address : 42ND ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0084.000 / 2513 **Yr Built/Renovated** : 1950 /
Area Sq Ft : 92,200 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 02-Sep-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2246570

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$652,200	\$759,800
Total	\$652,200	\$759,800
Importance Code A	\$575,800	\$677,200
Importance Code C	\$76,400	\$82,600
Total	\$652,200	\$759,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$92,900		\$36,000	
Total	\$92,900		\$36,000	
Importance Code A	\$60,900		\$11,900	
Importance Code B	\$15,100			
Importance Code C	\$16,900		\$24,200	
Total	\$92,900		\$36,000	



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
FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL
Asset # : 2513

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Stem (breastwall)								
	Concrete	100%			LIFE	**			
	Tile	100%	4+	\$15,100	LIFE	**			
		Leakage, Extent : Light, Area Affected : 5%							
		Location : Span 1 West Face							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Generic	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	100%			LIFE	**			
	Granite	100%			LIFE	**			
Feature Crossed									
	Mat (scour & erosion)								
	Generic	100%			LIFE	**			
Approaches									
	Pavement								
	Asphalt	95%			2029	**	4	\$48,300	
	Asphalt	5%	4+	\$76,400	2029	**	4	\$48,300	
		Cracks, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Settlement, Extent : Light, Area Affected : 50%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 50%							
		Location : Random Locations Throughout							
	Curbs								
	Concrete w/ Steel Face	100%			LIFE	**			
	Granite	85%			LIFE	**			
	Granite	15%	2-4	\$1,800	LIFE	**			
		Settlement, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Embankment								
	Not Accessible	100%							
	Guide Railing								
	Steel	100%			LIFE	**	2-8	\$9,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughoout							
		Explanation : Stainless Steel Bollard							
	Median								
	Concrete	100%			LIFE	**	5		
	Railings/Parapets								
	Steel	100%			LIFE	**			

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

DEPARTMENT OF TRANSPORTATION - 841
FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL
Asset # : 2513

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Cobblestone	100%			LIFE		**		
Recent Replace Evident, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Approach								
Explanation : Consists Of 50 Percent Concrete, 20 Percent Cobblestone And 30 Percent Concrete Pavers								
Masonry	100%			LIFE		**		
Broken,Missing Pave, Extent : Light, Area Affected : 5%								
Location : Random Locations Along East Approach								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Tile	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Granite	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**		
Median								
Concrete	20%	4+	\$5,000	LIFE		**	5	\$15,600
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	80%			LIFE		**	5	\$31,100
Railings/Parapets								
Concrete	100%			2037		**	4	\$21,300
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE		**	2-8	\$47,600
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			2033		**	5	\$82,600
Wearing Surface								
Asphalt	100%	4+	\$16,900	2029		**	5	\$30,500
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								

Superstructure

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

DEPARTMENT OF TRANSPORTATION - 841
FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL

Asset # : 2513

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	5%	4+	\$16,700	LIFE	* *	5	\$101,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Tiles Are Observed</i>								
Concrete	95%			LIFE	* *	5	\$202,900	
Primary Member								
Concrete	100%			LIFE	* *	5	\$948,600	
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FLATBUSH AVE. BRIDGE
Address : FLATBUSH AVE OVER BELT - SHORE PARKWAY
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0174.000 / 13669 **Yr Built/Renovated** : 1941 / 1996
Area Sq Ft : 14,058 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 09-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231460

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$173,600	\$465,200
Total	\$173,600	\$465,200
Importance Code A		\$139,100
Importance Code B	\$136,900	\$139,100
Importance Code C	\$36,600	\$187,000
Total	\$173,600	\$465,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$30,600	\$14,300	\$28,600	\$2,800
Total	\$30,600	\$14,300	\$28,600	\$2,800
Importance Code A	\$16,800	\$4,300	\$14,700	
Importance Code B			\$14,000	
Importance Code C	\$13,800	\$10,000		\$2,800
Total	\$30,600	\$14,300	\$28,600	\$2,800



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

DEPARTMENT OF TRANSPORTATION - 841
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
		Other Observation, Extent : Light, Area Affected : 2% Location : Northeast Corner Explanation : Vegetation Growth						
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Elastomeric	100%			2047		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$136,900	LIFE		**		
		Cracks, Extent : Severe, Area Affected : 75% Location : Random Locations Throughout Spalling, Extent : Severe, Area Affected : 75% Location : Random Locations Throughout						
Mat (scour & erosion) Earth	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
Granite	100%			LIFE		**		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
		Vegetation Growth, Extent : Light, Area Affected : 5% Location : Random Locations Throughout						
Granite	100%			LIFE		**		
		Vegetation Growth, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Other Observation, Extent : Light, Area Affected : 100% Location : All Wingwalls Explanation : Stone Facing On Concrete Wingwalls						
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pier Protection Concrete	100%			LIFE		**		

Approaches

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2028	\$120,300	4	\$5,100	
Asphalt	20%	4+	\$3,000	2028	\$30,100	4	\$3,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Northeast Side Of The Approach Around Con Edison Manhole								
Concrete	100%			2036	**	4	\$24,900	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Rust Stains, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	80%			LIFE	**	2-8	\$5,800	
Steel	20%	4+	\$8,600	LIFE	**	2-8	\$5,800	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Northeast And Southwest								
Explanation : Collision Damage, Fire Hydrant And Fenders Are Tilted. Corrugated Steel Railings Are Bent.								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : All Approach Sidewalks								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Masonry	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Ends Of Pier Wall								
Explanation : Stone Veneer Full Height Of Pier								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piles								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete w/ Steel Face	100%			LIFE	**			
Rust Stains, Extent : Light, Area Affected : 80%									
Location : Throughout									
Median									
	Concrete	100%			LIFE	**	5	\$1,600	
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Mono Deck Surface									
	Concrete	100%			2047	**	5	\$73,300	
Cracks, Extent : Light, Area Affected : 2%									
Location : Crack In Deck Over The Pier									
Railings/Parapets									
	Concrete	95%			2036	**	4	\$12,800	
	Concrete	5%	4+	\$3,000	2036	**	4	\$8,500	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
	Steel	100%			LIFE	**	2-8	\$11,700	
Other Observation, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Explanation : Vegetation Growth									
Sidewalks									
	Concrete	55%			2032	**	5	\$5,600	
	Concrete	45%	4+	\$10,800	2032	**	5	\$2,800	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Superstructure									
Deck,Structural									
	Concrete	95%			LIFE	**	5	\$15,500	
Rust Stains, Extent : Light, Area Affected : 2%									
Location : On Sip Forms									
	Concrete	5%	4+	\$5,200	LIFE	**	5	\$15,500	
Cracks, Extent : Light, Area Affected : 2%									
Location : Corrosion To Sip Forms In Southeast Bay									
Primary Member									
	Steel	100%			LIFE	**	2-8	\$259,900	
Rust Stains, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Secondary Member									
	Steel	100%			LIFE	**	2-8	\$217,700	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND
Address : NORTHERN BLVD. X-ING FLUSH. RIV.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0001.0A0 / 2561 **Yr Built/Renovated** :
Area Sq Ft : 9,600 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 18-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 205580A

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$62,600		\$1,600	
Total	\$62,600		\$1,600	
Importance Code A	\$16,300		\$300	
Importance Code B	\$7,100			
Importance Code C	\$39,100		\$1,300	
Total	\$62,600		\$1,600	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$7,100	LIFE		* *		
Missing/Damaged Seal, Extent : Light, Area Affected : 20%								
Location : Both Abutments								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Stem Wall Is Located Behind Enclosure Wall With Locked Door At West Side Abutment								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	95%			LIFE		* *		
Concrete	5%	4+	\$10,700	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : North Side								
Cracks, Extent : Light, Area Affected : 5%								
Location : North Side								
Vegetation Growth, Extent : Moderate, Area Affected : 80%								
Location : North Side								
Approaches								
Pavement								
Asphalt	100%			2029		* *	4	\$2,700
Concrete	100%	4+	\$4,600	2037		* *	4	\$10,300
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$4,600	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2037	**	4		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : West Side							
	Explanation : Concrete Barrier							
Steel	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : East Side							
	Explanation : Steel Fence							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8		
Footings								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2048	**			
Guide Railing								
Concrete	100%			2041	**			
Mono Deck Surface								
Concrete	100%	4+	\$10,200	2048	**	5	\$21,100	
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Scattered Throughout							
	Spalling, Extent : Light, Area Affected : 40%							
	Location : Scattered Throughout							
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$10,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Steel Fence							
Sidewalks								
Concrete	100%			2033	**	5	\$3,800	

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Deck Elements									
	Scupper								
	Ductile Iron	100%			LIFE		* *		
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE		* *	5	\$21,100
Joints									
	Generic	100%	4+	\$13,600	LIFE		* *		
		Missing/Damaged Seal, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Broken/ Missing Steel Plates							
Primary Member									
	Not Accessible	100%							
Secondary Member									
	Not Accessible	100%							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FORDHAM PLAZA METRO NORTH RAILROAD
Address : E189TH ST, PARK AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0057.000 / 2482 **Yr Built/Renovated** : 1889 /
Area Sq Ft : 40,080 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 22-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241839

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$511,000	\$581,200
Total	\$511,000	\$581,200
Importance Code A	\$440,800	\$440,800
Importance Code C	\$70,200	\$140,400
Total	\$511,000	\$581,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$144,100		\$72,500	
Total	\$144,100		\$72,500	
Importance Code A	\$138,000		\$39,900	
Importance Code C	\$6,100		\$32,600	
Total	\$144,100		\$72,500	



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
FORDHAM PLAZA METRO NORTH RAILROAD
Asset # : 2482

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	2%	4+	\$2,300	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 1%							
	Location : Throughout							
Concrete	98%			LIFE	* *			
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Random Locations Throughout							
	Explanation : Not Accessible For Inspection. Requires Railroad Flagman.							
Walls								
Granite	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : Stone Facing Not Accessible For Inspection. Requires Railroad Flagman.							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2037	* *	4	\$65,300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Random Locations Throughout							
	Explanation : Consists Of 10 Percent Concrete And 90 Percent Concrete Pavers							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
FORDHAM PLAZA METRO NORTH RAILROAD
Asset # : 2482

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Approaches									
	Median								
	Concrete	100%			LIFE	* *	5		
	Railings/Parapets								
	Schist/Gneiss	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : South Side							
		Explanation : Only One Side Of Bridge Has Railing							
	Sidewalks								
	Concrete	100%			LIFE	* *			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Deck Elements									
	Curbs								
	Concrete w/ Steel Face	100%			LIFE	* *			
	Granite	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Random Locations Throughout							
		Explanation : Specifically, Stone							
	Median								
	Concrete	100%			LIFE	* *	5	\$3,600	
	Railings/Parapets								
	Concrete	100%			2037	* *	4		
	Schist/Gneiss	100%			LIFE	* *			
	Steel	100%			LIFE	* *	2-8	\$4,200	
	Sidewalks								
	Concrete	65%	4+	\$3,100	2033	* *	5	\$2,000	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Concrete	35%			2033	* *	5	\$3,900	
	Wearing Surface								
	Concrete	93%			2041	* *	5	\$140,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Underneath Of Median Plaza Area							
		Explanation : Not Accessible							
	Concrete	7%	4+	\$3,000	2037	* *	5	\$70,200	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$88,200	
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : Random Locations On Stay In Place Forms							
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Random Locations Throughout							
		Explanation : Not Accessible And Covered With Stay In Place Forms For Inspection.							
		Requires Railroad Flagman.							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
FORDHAM PLAZA METRO NORTH RAILROAD
Asset # : 2482

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Joints									
	Generic	100%			LIFE		* *		
Primary Member									
	Steel	100%			LIFE		* *	2-8	\$1,270,000
Other Observation, Extent : Light, Area Affected : 50%									
Location : South Side Of Bridge									
Explanation : Not Accessible For Inspection. Requires Railroad Flagman.									
Secondary Member									
	Steel	100%			LIFE		* *	2-8	
Other Observation, Extent : Light, Area Affected : 50%									
Location : South Side Of Bridge									
Explanation : Not Accessible For Inspection. Requires Railroad Flagman.									

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$125,100	\$184,700
Total	\$125,100	\$184,700
Importance Code A	\$90,000	\$75,100
Importance Code B	\$35,100	
Importance Code C		\$109,700
Total	\$125,100	\$184,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$96,900			\$11,700
Total	\$96,900			\$11,700
Importance Code A				\$5,300
Importance Code B	\$18,300			
Importance Code C	\$78,600			\$6,400
Total	\$96,900			\$11,700



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
FORT HAMILTON BRIDGE
Asset # : 13570

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Elastomeric	100%			2051		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	25%	2-4	\$18,300	LIFE		* *		
	Broken/Missing Elements, Extent : Light, Area Affected : 10% Location : Random Locations Throughout							
Generic	75%			LIFE		* *		
Mat (scour & erosion) Earth	100%			LIFE		* *		
Stem (breastwall) Concrete	35%	4+	\$35,100	LIFE		* *		
	Efflorescence, Extent : Light, Area Affected : 2% Location : At Top Of Wall Leakage, Extent : Light, Area Affected : 2% Location : At Top Of Wall Rust Stains, Extent : Light, Area Affected : 2% Location : Throughout Below Box Beam 12 Through 17 Spalling, Extent : Light, Area Affected : 2% Location : At Top Of Wall Below Box Beam 12 Through 17 Other Observation, Extent : Moderate, Area Affected : 25% Location : Throughout Explanation : Graffiti On Wall Surface							
Concrete	65%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		* *		
	Vegetation Growth, Extent : Light, Area Affected : 5% Location : Random Locations Throughout							

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

DEPARTMENT OF TRANSPORTATION - 841
FORT HAMILTON BRIDGE
Asset # : 13570

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$21,900	2026	\$109,700	4	\$1,500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Pavement Is 60 Percent Asphalt And 40 Percent Concrete							
Concrete	100%			2034	**	4	\$12,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Pavement Is 40 Percent Concrete And 60 Percent Asphalt							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	Rust Stains, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Railings/Parapets								
Concrete	100%			2034	**	4		
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : North Side							
	Explanation : Component Exists On One Side Only							
Sidewalks								
Concrete	100%	4+	\$20,400	LIFE	**			
	Settlement, Extent : Moderate, Area Affected : 20%							
	Location : Northwest Corner							
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	Rust Stains, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							

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

DEPARTMENT OF TRANSPORTATION - 841
FORT HAMILTON BRIDGE
Asset # : 13570

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Mono Deck Surface								
Concrete	100%	4+	\$5,300	2045	**	5	\$21,000	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2034	**	4	\$10,500	
Sidewalks								
Concrete	100%	4+	\$20,100	2033	**	5	\$7,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Adjacent To Joint Header								
Superstructure								
Joints								
Generic	100%	2-4	\$10,800	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : All Joints								
Other Observation, Extent : Light, Area Affected : 33%								
Location : South Side								
Explanation : Joints On Pier South Side Only								
Primary Member								
Concrete	15%	4+	\$90,000	LIFE	**	5	\$37,500	
Spalling, Extent : Light, Area Affected : 2%								
Location : Box Beam 1 Near Begin Abutment								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Span 1, Box Beam 13								
Explanation : Prestressed Concrete. Underside Exhibits Moderate Scaling								
Concrete	85%			LIFE	**	5	\$37,500	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$98,600	
Total	\$98,600	
Importance Code A	\$38,600	
Importance Code C	\$60,000	
Total	\$98,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$87,100		\$200	\$23,800
Total	\$87,100		\$200	\$23,800
Importance Code A	\$2,700		\$200	
Importance Code B	\$34,800			
Importance Code C	\$49,600			\$23,800
Total	\$87,100		\$200	\$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.

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE BRIDGE
Asset # : 13566

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	55%	2-4	\$34,800	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Concrete Joint Headers (1 Foot High By 1 Foot Wide)								
Loose Joint Plates, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Missing/Damaged Seal, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Generic	45%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	80%	4+	\$22,500	2034		* *	4	\$47,600
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	20%			2034		* *	4	\$47,600

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
GRAND CONCOURSE BRIDGE
Asset # : 13566

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$38,600	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 18 Inch Long Broken Piece Of Curb At Southwest Side								
Spalling, Extent : Light, Area Affected : 1%								
Location : Southeast Approach								
Embankment								
Earth	100%			LIFE		* *		
Railings/Parapets								
Steel	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$16,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Northeast Approach Sidewalk								
Explanation : Con Ed Excavated 4 Feet x 4 Feet Opening On The Sidewalk To Repair A Gas Leak.								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Median								
Concrete	100%	4+	\$2,700	LIFE		* *	5	\$1,400
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE		* *	2-8	\$5,300
Sidewalks								
Concrete	100%	4+	\$10,600	2030		* *	5	\$3,800
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	\$60,000	2034		* *	5	\$34,400
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST
Address : 167TH ST
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0062.000 / 2501 **Yr Built/Renovated** : 1923 /
Area Sq Ft : 38,100 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2242280

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,295,900	\$3,238,200
Total	\$1,295,900	\$3,238,200
Importance Code A	\$404,200	\$467,800
Importance Code B	\$785,700	\$981,800
Importance Code C	\$105,900	\$1,788,500
Total	\$1,295,900	\$3,238,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$76,400	\$11,900	\$98,500	\$3,100
Total	\$76,400	\$11,900	\$98,500	\$3,100
Importance Code A	\$6,600		\$100	
Importance Code B	\$18,300		\$98,500	
Importance Code C	\$51,500	\$11,900		\$3,100
Total	\$76,400	\$11,900	\$98,500	\$3,100



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

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST
Asset # : 2501

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
Backwall									
	Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads									
	Not Accessible	100%							
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Generic	100%			LIFE		* *		
Stem (breastwall)									
	Concrete	35%	4+	\$458,900	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
	Concrete	65%			LIFE		* *		
	Concrete Encased Steel	70%	4+	\$157,500	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 30%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Spalling At Interface With Pedestals									
	Concrete Encased Steel	30%			LIFE		* *		
Wingwalls									
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Generic	100%			LIFE		* *		
Piles									
	Not Accessible	100%							
Walls									
	Concrete	65%			LIFE		* *		
	Concrete	35%	4+	\$53,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Feature Crossed									
	Mat (scour & erosion)								
	Generic	100%			LIFE		* *		
Approaches									
	Pavement								
	Asphalt	60%			2028	\$790,900	4	\$35,600	
	Asphalt	40%	2-4	\$52,700	2028	\$527,200	4	\$23,800	
Cracks, Extent : Light, Area Affected : 25%									
Location : Random Locations Along Wingwalls									
Settlement, Extent : Moderate, Area Affected : 40%									
Location : Random Locations Along Wingwall Curbs									

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST
Asset # : 2501

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			
Concrete w/ Steel Face	20%	4+	\$3,900	LIFE	**			
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$13,400	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Piers								
Pier,Columns								
Steel	98%			LIFE	**	2-8	\$1,413,400	
Steel	2%	4+	\$18,300	LIFE	**	2-8	\$1,413,400	
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Stem,Solid Pier								
Concrete	75%			LIFE	**			
Concrete	25%	4+	\$169,400	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			
Concrete w/ Steel Face	10%	Now	\$1,300	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : West And East Sidewalk								
Gratings								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST
Asset # : 2501

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Concrete	100%	4+	\$1,400	2036	* *	4	\$800	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Steel	100%			LIFE	* *	2-8	\$1,900	
Sidewalks									
	Concrete	70%			2032	* *	5	\$6,200	
	Concrete	30%	2-4	\$9,900	2032	* *	5	\$3,100	
		Spalling, Extent : Light, Area Affected : 20%							
		Location : West Sidewalk							
Wearing Surface									
	Asphalt	70%			2028	\$329,300	5	\$47,100	
	Asphalt	30%	4+	\$28,200	2028	\$141,100	5	\$23,600	
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Settlement, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Near Curbs							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : West Side							
		Explanation : Construction Zone							
Superstructure									
	Deck,Structural								
	Concrete	80%			LIFE	* *	5	\$41,900	
	Concrete	20%	4+	\$285,200	LIFE	* *	5	\$41,900	
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Delaminations, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 40%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
Primary Member									
	Concrete Encased Steel	80%			LIFE	* *	5	\$192,000	
	Concrete Encased Steel	20%	4+	\$119,000	LIFE	* *	5	\$192,000	
		Efflorescence, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.
Address : GRAND CONCOURSE AND E.161 ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0135.000 / 4215 **Yr Built/Renovated** : 1931 / 2008
Area Sq Ft : 24,075 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2242259

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$606,300	\$1,883,300
Total	\$606,300	\$1,883,300
Importance Code A		\$253,900
Importance Code B	\$538,100	\$253,900
Importance Code C	\$68,100	\$1,375,600
Total	\$606,300	\$1,883,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$24,200	\$55,000	\$51,700	\$8,100
Total	\$24,200	\$55,000	\$51,700	\$8,100
Importance Code A	\$3,800	\$8,400	\$26,300	
Importance Code B			\$25,500	
Importance Code C	\$20,400	\$46,700		\$8,100
Total	\$24,200	\$55,000	\$51,700	\$8,100



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

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.
Asset # : 4215

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Concrete	100%			LIFE	**			
	Backwall								
	Concrete	100%			LIFE	**			
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Generic	100%			LIFE	**			
	Mat (scour & erosion)								
	Generic	100%			LIFE	**			
	Pedestals								
	Concrete	100%			LIFE	**			
	Stem (breastwall)								
	Concrete	7%	4+	\$538,100	LIFE	**			
		Cracks, Extent : Severe, Area Affected : 30%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
	Concrete	93%			LIFE	**			
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Generic	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	100%			LIFE	**			
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Northwest Wingwall							
		Explanation : Water Stains							
Feature Crossed									
	Mat (scour & erosion)								
	Generic	100%			LIFE	**			
Approaches									
	Pavement								
	Asphalt	100%			2028	\$1,307,400	4	\$3,900	
	Concrete	90%			2036	**	4	\$136,100	
	Concrete	10%	4+	\$20,400	2036	**	4	\$90,700	
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.
Asset # : 4215

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Curbs									
	Concrete w/ Steel Face	100%			LIFE	**			
Pavement Base									
	Not Accessible	100%							
Sidewalks									
	Concrete	100%			LIFE	**			
Deck Elements									
Curbs									
	Granite	100%			LIFE	**			
Gratings									
	Steel	100%			LIFE	**			
Median									
	Concrete	100%			LIFE	**	5		
	Granite	100%	4+	\$3,800	LIFE	**			
Broken,Missing Pave, Extent : Light, Area Affected : 2%									
Location : Near East End Of Plaza									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Lou Gehrig Plaza									
Explanation : Pavers And Planter Boxes Throughout Plaza									
Mono Deck Surface									
	Concrete	100%			2047	**	5	\$136,300	
Railings/Parapets									
	Concrete	100%			2036	**	4	\$25,100	
	Steel	100%			LIFE	**	2-8	\$22,900	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Stainless Steel									
Sidewalks									
	Concrete	100%			2032	**	5	\$16,200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Sidewalks At Fasciae									
Explanation : Concrete Sidewalks At Each Fascia									
Superstructure									
Deck,Structural									
	Concrete	100%			LIFE	**	5	\$28,200	
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Construction Joints									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Precast Concrete Deck									
Joints									
	Generic	100%			LIFE	**			
Primary Member									
	Steel	100%			LIFE	**	2-8	\$474,200	
Secondary Member									
	Steel	100%			LIFE	**	2-8	\$397,200	

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GUY R. BREWER BLVD BRIDGE
Address : GUY R. BREWER BOULEVARD OVER BELT - SOUTHERN PARKWAY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0173.000 / 13668 **Yr Built/Renovated** :
Area Sq Ft : 7,300 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 19-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231610

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$432,400
Total		\$432,400
Importance Code A		\$144,500
Importance Code B		\$121,000
Importance Code C		\$166,800
Total		\$432,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$35,500	\$8,900	\$26,900	\$9,700
Total	\$35,500	\$8,900	\$26,900	\$9,700
Importance Code A	\$5,000	\$2,900	\$14,800	
Importance Code B			\$12,100	
Importance Code C	\$30,400	\$6,000		\$9,700
Total	\$35,500	\$8,900	\$26,900	\$9,700



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

DEPARTMENT OF TRANSPORTATION - 841
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		* *		
Backwall								
Concrete	80%			LIFE		* *		
Concrete	20%			LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 3%								
Location : Both Sides								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Both Sides								
Other Observation, Extent : Light, Area Affected : 4%								
Location : Throughout								
Explanation : Vegetation Growth								
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE		* *		
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Granite Rock Pavers								
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Concrete	100%	4+	\$20,900	LIFE		* *		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	100%			LIFE		* *		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
Approaches								
Pavement								
Asphalt	100%			2028	\$166,800	4	\$5,700	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Concrete	100%			2036		* *	\$12,300	
			<i>Cracks, Extent : Light, Area Affected : 6%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036		* *	4	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Steel	100%	4+	\$5,000	LIFE		* *		
			<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

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

DEPARTMENT OF TRANSPORTATION - 841
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$3,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Pier,Columns								
Steel	100%			LIFE		* *	2-8	\$140,500
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bottom Of Steel Column								
Explanation : The Condition Of Base Plate Is Recorded With The Column								
Stem,Solid Pier								
Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE		* *		
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Mono Deck Surface								
Concrete	100%			2047		* *	5	\$19,400
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random								
Railings/Parapets								
Concrete	100%			2036		* *	4	\$8,700
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE		* *	2-8	\$8,000
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								

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

DEPARTMENT OF TRANSPORTATION - 841
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Sidewalks								
	Concrete	100%	4+	\$6,400	2032	* *	5	\$3,800	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$8,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Bottom Of The Deck							
		Explanation : Stay In Place Is In Good Condition							
Joints									
	Steel	100%			LIFE	* *			
Primary Member									
	Steel	10%			LIFE	* *	2-8	\$135,000	
		Rust Stains, Extent : Light, Area Affected : 2%							
		Location : Random							
	Steel	90%			LIFE	* *	2-8	\$135,000	
Secondary Member									
	Steel	100%			LIFE	* *	2-8	\$113,000	
		Rust Stains, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$4,391,400	\$2,622,900
Total	\$4,391,400	\$2,622,900
Importance Code A	\$3,611,800	\$886,000
Importance Code B	\$337,100	\$506,000
Importance Code C	\$442,500	\$1,230,900
Total	\$4,391,400	\$2,622,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$87,400	\$2,400	\$162,800	\$4,400
Total	\$87,400	\$2,400	\$162,800	\$4,400
Importance Code A	\$61,200		\$80,700	
Importance Code B	\$10,700		\$52,400	
Importance Code C	\$15,500	\$2,400	\$29,700	\$4,400
Total	\$87,400	\$2,400	\$162,800	\$4,400



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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.
Asset # : 2473

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	25%			LIFE		* *		
Generic	75%	0-2	\$149,000	LIFE		* *		
Leakage, Extent : Moderate, Area Affected : 50%								
Location : At Asphalt Paved Over Joints On Both Abutments								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Both Abutments								
Explanation : Cracks At Asphalt Paved Over The Joint								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	100%	Now	\$9,900	LIFE		* *		
Other Observation, Extent : Severe, Area Affected : 60%								
Location : North Abutment West Side, South Abutment East And West Side								
Explanation : Broken/ Missing Elements								
Concrete	100%	2-4	\$98,900	LIFE		* *		
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	90%			2026	\$501,700	4	\$8,900	
Asphalt	10%	2-4	\$5,600	2026	\$55,700	4	\$8,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.
Asset # : 2473

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	20%	0-2	\$3,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Random Locations Throughout								
Corrosion, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Concrete Spalled And Broken At Southeast And Southwest Curbs								
Concrete w/ Steel Face	80%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Steel	100%			LIFE	* *			
Railings/Parapets								
Steel	20%	4+	\$9,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Corrugated Steel Panel Is Missing On East Side								
Corrosion, Extent : Light, Area Affected : 20%								
Location : Throughout								
Steel	80%			LIFE	* *			
Piers								
Cap Beam								
Steel	20%	4+	\$52,500	LIFE	* *	2-8	\$192,200	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Midspan Bottom Flange And Web								
Steel	80%			LIFE	* *	2-8	\$192,200	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$47,900	
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Piers 2 And 9 Observed And Piers 1 And 10 Not Accessible								
Explanation : Brick Veneer Facing								
Brngs,Ancr Blts,Pads								
Steel	10%	4+	\$14,000	LIFE	* *	2-8	\$23,800	
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : At Pier 2 And Pier 9								
Steel	90%			LIFE	* *	2-8	\$23,800	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Earth And Paved								

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.
Asset # : 2473

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Steel	10%	4+	\$10,700	LIFE	**			
	Corrosion, Extent : Moderate, Area Affected : 100%							
	Location : Throughout Pier 2 And Pier 9							
Steel	90%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	20%	4+	\$34,900	LIFE	**			
	Broken/Missing Elements, Extent : Light, Area Affected : 50%							
	Location : Random Locations Throughout							
	Corrosion, Extent : Moderate, Area Affected : 40%							
	Location : Random Locations Throughout							
	Recent Repair Evident, Extent : Light, Area Affected : 10%							
	Location : Northeast Of Bridge Deck, At Span 10							
Concrete w/ Steel Face	80%			LIFE	**			
Median								
Concrete	20%	Now	\$356,900	LIFE	**	5	\$13,400	
	Broken/Missing Elements, Extent : Severe, Area Affected : 60%							
	Location : Near North And South Abutments							
	Exposed Reinforcement, Extent : Moderate, Area Affected : 40%							
	Location : Near North And South Abutments							
	Spalling, Extent : Moderate, Area Affected : 40%							
	Location : Random Locations Throughout							
Concrete	80%			LIFE	**	5	\$13,400	
Railings/Parapets								
Steel	100%	4+	\$43,700	LIFE	**	2-8	\$28,500	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : Corrugated Steel Panel Is Missing At East Side							
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : East Side							
	Explanation : Corrugated Steel Panel							
Sidewalks								
Concrete	30%	0-2	\$44,000	2030	**	5	\$2,400	
	Spalling, Extent : Severe, Area Affected : 50%							
	Location : Spans 1 To 4 And 9 To 11							
Concrete	70%			2030	**	5	\$4,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Along The East Side Of The Bridge							
	Explanation : Narrow (2 Feet) Concrete Sidewalk							

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.
Asset # : 2473

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Asphalt	75%	2-4	\$252,600	2026	\$505,100	5	\$29,700	
		Cracks, Extent : Moderate, Area Affected : 50%							
		Location : At Piers 1, 4 And 8							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Explanation : Patches And Bulges							
	Asphalt	25%			2026	\$168,400	5	\$59,400	
Superstructure									
	Deck,Structural								
	Concrete	40%	Now	\$1,523,900	LIFE	* *	5	\$56,300	
		Cracks, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Exposed Reinforcement, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Wood Planks Or Steel Wire Mesh Under Deck							
	Concrete	60%			LIFE	* *	5	\$56,300	
Joints									
	Generic	100%	0-2	\$47,000	LIFE	* *			
		Leakage, Extent : Severe, Area Affected : 50%							
		Location : At Pier 1, Pier 4 And Pier 8							
		Spalling, Extent : Severe, Area Affected : 50%							
		Location : All Joints							
Primary Member									
	Steel	10%	2-4	\$1,634,800	LIFE	* *	2-8	\$567,000	
		Corrosion, Extent : Severe, Area Affected : 20%							
		Location : Random Locations Throughout							
		Recent Repair Evident, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Steel	90%			LIFE	* *	2-8	\$567,000	
Secondary Member									
	Steel	100%	4+	\$188,000	LIFE	* *	2-8	\$791,700	
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout And Next To Pier 7 On West Side							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Address : 172ND ST, AMSTERDAM AVE
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0079.000 / 2509 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 112,860 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2267240

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$23,893,800	\$5,953,000
Total	\$23,893,800	\$5,953,000
Importance Code A	\$16,772,200	\$1,692,500
Importance Code B	\$5,864,800	\$2,092,100
Importance Code C	\$1,256,800	\$2,168,300
Total	\$23,893,800	\$5,953,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$79,800	\$29,500	\$44,800	
Total	\$79,800	\$29,500	\$44,800	
Importance Code A	\$37,200	\$26,100	\$44,800	
Importance Code B	\$26,300			
Importance Code C	\$16,300	\$3,400		
Total	\$79,800	\$29,500	\$44,800	



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
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	40%			LIFE		* *		
Generic	60%	Now	\$64,000	LIFE		* *		
Corrosion, Extent : Severe, Area Affected : 60%								
Location : Beginning Abutment								
Leakage, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Joint Is Paved Over For Entire Length.								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	50%			LIFE		* *		
Concrete	50%	2-4	\$215,400	LIFE		* *		
Cracks, Extent : Severe, Area Affected : 55%								
Location : Random Locations Per Biennial Inspection Report								
Efflorescence, Extent : Severe, Area Affected : 40%								
Location : Light Scaling, Water Stains On Stem Wall Surface Per Biennial Inspection								
Exposed Reinforcement, Extent : Severe, Area Affected : 50%								
Location : Random Locations Per Biennial Inspection								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Random Locations Per Biennial Inspection								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Concrete	100%	4+	\$183,600	LIFE			* *	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 9 And 10 Left Curtain Wall Per Biennial Inspection Report</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Fascia</i>								
Approaches								
Pavement								
Asphalt	80%			2028	\$326,100	4	\$10,200	
Asphalt	20%	4+	\$16,300	2028	\$81,500	4	\$6,800	
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	15%	4+	\$700	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Near The Joint At 49th Pier</i>								
Concrete	85%			LIFE			* *	
Concrete w/ Steel Face	75%			LIFE			* *	
Concrete w/ Steel Face	25%	4+	\$2,100	LIFE			* *	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Concrete	40%			2036		* *	4	\$7,700
Concrete	60%	0-2	\$34,400	2036		* *	4	\$5,200
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Heavily Spalled</i>								
Pavement Base								
Not Accessible	100%							
Piers								

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	35%	2-4	\$2,674,600	LIFE		* *		
	Cracks, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
	Spalling, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
Concrete	25%	Now	\$1,910,400	LIFE		* *		
	Delaminations, Extent : Severe, Area Affected : 40%							
	Location : Spans 1 To 11							
	Spalling, Extent : Severe, Area Affected : 40%							
	Location : Spans 1 To 11							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Explanation : Vegetation Growth							
Concrete	40%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	80%			LIFE		* *		
Earth	20%	2-4	\$54,400	LIFE		* *		
	Erosion, Extent : Moderate, Area Affected : 25%							
	Location : Exposed Footing Area And Water Ponding Along Wall							
Pedestals								
Concrete	80%			LIFE		* *		
Concrete	20%	4+	\$26,300	LIFE		* *		
	Spalling, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$164,100	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations On West Side							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations On West Side							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	Location : Random Locations On West Side							
Median								
Concrete	80%			LIFE		* *	5	\$22,600
Concrete	20%	4+	\$186,100	LIFE		* *	5	\$22,600
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Steel	100%			LIFE		* *	4-8	\$119,000

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	80%			2036	**	4	\$70,600	
Concrete	20%	0-2	\$269,100	2036	**	4	\$47,100	
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	70%			2032	**	5	\$80,400	
Concrete	30%	2-4	\$422,700	2032	**	5	\$40,200	
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	70%			2028	\$1,033,800	5	\$135,600	
Asphalt	30%	4+	\$88,600	2028	\$443,100	5	\$67,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Rutting								
Scupper								
Cast Iron	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 24 Scuppers								
Superstructure								
Deck,Structural								
Concrete	25%			LIFE	**	5	\$124,200	
Concrete	75%	2-4	\$4,493,500	LIFE	**	5	\$124,200	
Broken,Missing Pave, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 60%								
Location : Random Locations Throughout								

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

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	25%			LIFE		* *		
Generic	75%	Now	\$521,700	LIFE		* *		
Leakage, Extent : Severe, Area Affected : 60%								
Location : Most Of The Joints, Throughout								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Most Of The Joints, Throughout								
Explanation : Paved Over								
Primary Member								
Concrete	60%			LIFE		* *	5	\$464,500
Concrete	40%	2-4	\$10,161,500	LIFE		* *	5	\$464,500
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Various, Throughout Arches								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Various, Throughout Arches								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Steel	75%			LIFE		* *	2-8	\$417,300
Steel	25%	4+	\$1,443,400	LIFE		* *	2-8	\$417,300
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Per Biennial Inspection Report								
Loss of Section, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Secondary Member								
Concrete	80%			LIFE		* *	5	\$1,046,100
Concrete	20%	4+	\$1,000,500	LIFE		* *	5	\$1,046,100
Spalling, Extent : Severe, Area Affected : 25%								
Location : Random Locations Throughout								
Concrete Encased Steel	100%			2055		* *		

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST
Address : W. 72ST TO W. 79ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0009.000 / 2444 **Yr Built/Renovated** : 1937 /
Area Sq Ft : 232,394 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 28-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2229289

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$252,700	\$2,507,700
Total	\$252,700	\$2,507,700
Importance Code A	\$210,200	\$102,700
Importance Code C	\$42,500	\$2,405,000
Total	\$252,700	\$2,507,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$42,200	\$400	
Total		\$42,200	\$400	
Importance Code A		\$42,200	\$400	
Total		\$42,200	\$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
HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST
Asset # : 2444

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Abutment						
		Explanation : Spans Over Railroad Tracks Were Not Accessible						
Backwall								
Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Abutment						
		Explanation : Spans Over Railroad Tracks Were Not Accessible						
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Piers								
Cap Beam								
Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Throughout						
		Explanation : Spans Over Railroad Tracks Were Not Accessible						
Pier,Columns								
Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Throughout						
		Explanation : Spans Over Railroad Tracks Were Not Accessible						
Stem,Solid Pier								
Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Throughout						
		Explanation : Spans Over Railroad Tracks Were Not Accessible						

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

DEPARTMENT OF TRANSPORTATION - 841
HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST
Asset # : 2444

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Piles								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Deck Elements								
Median								
Concrete	90%			LIFE	* *	5	\$51,300	
Concrete	10%	4+	\$42,700	LIFE	* *	5	\$51,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	80%			2036	* *	4	\$126,500	
Concrete	20%	4+	\$167,600	2036	* *	4	\$84,400	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	\$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Wearing Surface								
Asphalt	90%			2028	\$1,911,800	5	\$187,200	
Asphalt	10%	4+	\$42,500	2028	\$212,400	5	\$93,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								

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

DEPARTMENT OF TRANSPORTATION - 841
HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST
Asset # : 2444

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Joints									
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Throughout						
			Explanation : Spans Over Railroad Tracks Were Not Accessible						
Primary Member									
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Throughout						
			Explanation : Spans Over Railroad Tracks Were Not Accessible						
Secondary Member									
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Throughout						
			Explanation : Spans Over Railroad Tracks Were Not Accessible						

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST
Address : HENRY HUDSON PKWY AT W. 158TH ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0011.090 / 2820 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 140,000 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 30-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2229349

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$4,781,900	\$4,283,500
Total	\$4,781,900	\$4,283,500
Importance Code A	\$3,623,200	\$2,271,800
Importance Code B	\$882,800	\$1,685,000
Importance Code C	\$275,900	\$326,700
Total	\$4,781,900	\$4,283,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$1,119,700		\$406,400	
Total	\$1,119,700		\$406,400	
Importance Code A	\$850,500		\$224,700	
Importance Code B	\$251,200		\$169,000	
Importance Code C	\$18,000		\$12,700	
Total	\$1,119,700		\$406,400	



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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST
Asset # : 2820

Bridge Structure		Current Repair		Future Replacement		Maintenance		
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+	\$10,000	LIFE		* *		
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Signs Of Water Leakage Through Joints								
Backwall								
Concrete	100%	4+	\$18,000	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : South Abutment								
Leakage, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Accessible								
Explanation : Begin And End Abutment Not Accessible								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$80,000	LIFE		* *		
Loose Joint Plates, Extent : Moderate, Area Affected : 90%								
Location : South End								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : South End And North Abutments								
Explanation : Uneven Surface Of Expansion Joint Cover Observed At South End. Also, North Abutment Not Accessible								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	59%	4+	\$50,600	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Both Abutments								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Water Seepage								
Concrete	41%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST
Asset # : 2820

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$52,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Wingwalls At Both Abutments								
Spalling, Extent : Light, Area Affected : 2%								
Location : South Wingwall West Face								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout All Wingwalls								
Explanation : Missing Mortar Between And Underneath Granite Coping Stones								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%			2029		* *	4	\$9,800
Concrete	100%			2037		* *	4	\$15,700
Embankment								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Median								
Concrete	100%			LIFE		* *	5	
Railings/Parapets								
Concrete	100%			2037		* *	4	
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Approach								
Explanation : Concrete Barrier								
Steel	100%			LIFE		* *		
Piers								
Cap Beam								
Steel	100%			LIFE		* *	2-8	\$2,235,700
Corrosion, Extent : Light, Area Affected : 1%								
Location : Ends Of Cap Beam Cantilevers								
Pier,Columns								
Steel	100%			LIFE		* *	2-8	\$1,412,200
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *	2-8	\$14,500
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST
Asset # : 2820

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Median									
Concrete	100%			LIFE	* *	5	\$64,000		
Railings/Parapets									
Concrete	20%	4+	\$19,100	2037	* *	4	\$54,800		
	Loss of Section, Extent : Light, Area Affected : 2%								
	Location : East And West Fascia At Bottom Of Lightpole								
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Explanation : Rust Stains								
Concrete	80%			2037	* *	4	\$54,800		
Steel	100%			LIFE	* *	2-8			
	Rust Stains, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Wearing Surface									
Concrete	100%	4+	\$173,100	2037	* *	5	\$326,700		
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
Scupper									
Cast Iron	100%			LIFE	* *				
	Broken/Missing Elements, Extent : Light, Area Affected : 1%								
	Location : South Abutment West Side								
Superstructure									
Deck,Structural									
Concrete	65%	4+	\$1,505,500	LIFE	* *	5	\$154,100		
	Cracks, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Exposed Rebar With Light Corrosion								
Concrete	35%			LIFE	* *	5	\$308,200		
Joints									
Generic	100%	4+	\$50,600	LIFE	* *				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Leakage, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
Primary Member									
Steel	100%			LIFE	* *	2-8	\$4,436,100		

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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST
Asset # : 2820

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

Superstructure

Secondary Member

Steel

100%	4+	\$452,900	LIFE	* *	2-8	\$2,168,100
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*Corrosion, Extent : Light, Area Affected : 5%**Location : Random Locations Throughout**Loss of Section, Extent : Light, Area Affected : 5%**Location : Loss Of Sections At End Of Overhang Brackets*

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

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE
Address : AMTRAK, 94TH-98TH ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0080.000 / 2510 **Yr Built/Renovated** : 1936 /
Area Sq Ft : 60,258 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 23-Sep-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2267250

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$455,400	\$156,700
Total	\$455,400	\$156,700
Importance Code A	\$325,900	
Importance Code C	\$129,400	\$156,700
Total	\$455,400	\$156,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$82,800		\$1,300	
Total	\$82,800		\$1,300	
Importance Code A	\$20,600		\$1,300	
Importance Code B	\$20,000			
Importance Code C	\$42,200			
Total	\$82,800		\$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
HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE
Asset # : 2510

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Backwall								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Footings								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Joint with Deck								
Generic	95%	4+	\$20,000	LIFE		* *		
	Broken/Missing Elements, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Generic	5%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Pedestals								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Stem (breastwall)								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE
Asset # : 2510

Bridge Structure		Current Repair		Future Replacement		Maintenance		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%							
Approaches								
Pavement								
Asphalt	100%	4+	\$30,300	2029	* *	4	\$4,800	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Both Approaches</i>								
Concrete	100%	2-4	\$43,300	2037	* *	4	\$33,900	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Guide Railing								
Concrete	65%	4+	\$4,300	2037	* *	4	\$1,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Concrete	35%			2037	* *	4	\$1,700	
Steel	100%			LIFE	* *	2-8	\$9,300	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin Approach</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE
Asset # : 2510

Bridge Structure		Current Repair		Future Replacement		Maintenance		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	5%	4+	\$288,100	2048	**			
	Cracks, Extent : Light, Area Affected : 30%							
	Location : Random Locations Throughout							
Concrete	95%			2048	**			
Gratings								
Steel	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Spans 1 And 3							
	Explanation : Rusted Areas; The Gratings Cover The Air Vents. Vents In Span 3 Are Good							
Guide Railing								
Concrete	100%	4+	\$37,800	2041	**			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : West Side							
	Spalling, Extent : Moderate, Area Affected : 5%							
	Location : West Side							
Mono Deck Surface								
Concrete	100%	4+	\$86,100	2048	**	5	\$156,700	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$12,500	
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout East Side							
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout East Side							
Stone Rough Work	100%	4+	\$8,000	LIFE	**	5	\$2,100	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : East Side, Spans 1 Through 6							
	Explanation : Missing/ Loose Mortar In Joints/spall							
Sidewalks								
Concrete	100%			2033	**	5	\$2,700	
Scupper								
Ductile Iron	100%			LIFE	**			
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	\$11,900	LIFE	**			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE
Asset # : 2510

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Superstructure									
	Primary Member								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : No Access To Tracks							
Secondary Member									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : No Access To Tracks							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$196,000	\$252,800
Total	\$196,000	\$252,800
Importance Code A	\$145,400	
Importance Code C	\$50,600	\$252,800
Total	\$196,000	\$252,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$49,600			\$500
Total	\$49,600			\$500
Importance Code A				\$500
Importance Code B	\$21,800			
Importance Code C	\$27,900			
Total	\$49,600			\$500



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

DEPARTMENT OF TRANSPORTATION - 841
HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE
Asset # : 13597

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Both Abutments								
Explanation : Abutment Is Behind The Station Platform Wall								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051		* *		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Stem (breastwall)								
Concrete	20%	4+	\$21,800	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Both Abutments								
Leakage, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Spalling, Extent : Light, Area Affected : 1%								
Location : At East Abutment								
Concrete	80%			LIFE		* *		
Walls								
Concrete	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	2-4	\$50,600	2026	\$252,800	4	\$6,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Concrete	100%	4+	\$1,800	2034	* *	4	\$6,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$7,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								

Deck Elements

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

DEPARTMENT OF TRANSPORTATION - 841
HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE
Asset # : 13597

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%	4+	\$5,600	2051	**	5	\$16,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	**	4	\$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Station Building At South Fascia Does Not Have A Parapet								
Steel	100%			LIFE	**	2-8	\$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Steel Screen Wall On Top Of Concrete Parapet								
Sidewalks								
Concrete	100%			2033	**	5	\$6,600	
Superstructure								
Deck,Structural								
Concrete	80%			LIFE	**	5	\$12,400	
Concrete	20%			LIFE	**	5	\$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Main Span From West Side								
Explanation : Composite Deck Type Structure, Full Span								
Joints								
Generic	100%	0-2	\$13,400	LIFE	**			
Leakage, Extent : Moderate, Area Affected : 25%								
Location : At East Abutment South Side And West Abutment South Side								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along The South Side Of The Deck								
Explanation : Expansion Joint Between Subway Station And Bridge Deck								
Primary Member								
Prestressed Concrete Box Beam	100%	4+	\$145,400	LIFE	**			
Other Observation, Extent : Light, Area Affected : 2%								
Location : North Fascia								
Explanation : Cracks On Fascia Beam								

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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 : 23-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241190

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$84,800		\$6,600	
Total	\$84,800		\$6,600	
Importance Code A	\$2,600		\$200	
Importance Code C	\$82,200		\$6,500	
Total	\$84,800		\$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.

DEPARTMENT OF TRANSPORTATION - 841
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	10%	4+	\$22,700	LIFE		* *		
Cracks, Extent : Light, Area Affected : 30%								
Location : More Severe At Southeast Wingwall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Southeast And Southwest Wingwalls								
Explanation : Northeast And Northwest Wingwalls Not Accessible (Buildings)								
Concrete	90%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2029	**	4	\$2,700	
Asphalt	20%	4+	\$6,000	2029	**	4	\$2,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Settlement, Extent : Light, Area Affected : 50%								
Location : Beginning of Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 75 Percent Asphalt And 25 Percent Concrete								
Concrete	80%			2037	**	4	\$10,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Throughout								
Concrete	20%	2-4	\$12,600	2037	**	4	\$10,300	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout And Near Supports								
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Adjacent To Joints								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,000	LIFE	**			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Loose And Broken Elements								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 50%								
Location : South Side Of Bridge								
Explanation : Steel Railing Of One Side Of Bridge Only								
Sidewalks								
Concrete	100%	4+	\$26,700	LIFE	**			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : South Corner								
Explanation : Spalling With Exposed Rebar								

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

DEPARTMENT OF TRANSPORTATION - 841
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
Mono Deck Surface								
Concrete	100%	4+	\$3,700	2048		* *	5	\$28,100
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Railings/Parapets								
Concrete	100%			2037		* *	4	
		Other Observation, Extent : Light, Area Affected : 50%						
		Location : South Side Only						
		Explanation : Concrete With Corrugated Steel Sheeting On South Side. No Parapets Due To Building On North Side.						
Steel	100%	4+	\$1,700	LIFE		* *	2-8	\$4,600
		Damaged Railing, Extent : Light, Area Affected : 1%						
		Location : South Parapet						
Sidewalks								
Concrete	100%	4+	\$10,400	2033		* *	5	\$2,900
		Broken/Missing Elements, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$290,500	\$2,182,800
Total	\$290,500	\$2,182,800
Importance Code A	\$252,200	\$305,700
Importance Code C	\$38,400	\$1,877,000
Total	\$290,500	\$2,182,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$90,000	\$1,300	\$32,200	\$39,400
Total	\$90,000	\$1,300	\$32,200	\$39,400
Importance Code A	\$32,800		\$32,200	\$1,200
Importance Code C	\$57,200	\$1,300		\$38,100
Total	\$90,000	\$1,300	\$32,200	\$39,400



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

DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE
Asset # : 13567

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		* *		
Mat (scour & erosion) Earth	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	4%	4+	\$31,000	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Efflorescence, Extent : Light, Area Affected : 10% Location : Random Locations Throughout Joints Missing, Extent : Light, Area Affected : 10% Location : Random Locations Throughout Vegetation Growth, Extent : Light, Area Affected : 30% Location : North Abutment West Face							
Concrete	96%			LIFE		* *		
Approaches								
Pavement Asphalt	100%			2026	\$1,838,600	4	\$25,300	
Concrete	100%			2034	* *	4	\$51,000	
Curbs Concrete w/ Steel Face	100%			LIFE		* *		
Embankment Earth	100%			LIFE		* *		
Guide Railing Steel	100%	4+	\$12,500	LIFE		* *	2-8	\$51,300
	Other Observation, Extent : Moderate, Area Affected : 20% Location : South Approach East Face Explanation : Impact Damage							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE
Asset # : 13567

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Railings/Parapets								
Masonry	60%	4+	\$8,500	2034		* *		
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Explanation : Missing/ Eroded Joint Mortar And Misaligned Coping Stones							
Masonry	40%			2034		* *		
Sidewalks								
Concrete	30%	4+	\$26,200	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Severe, Area Affected : 60%							
	Location : Random Locations Throughout							
	Explanation : Dirt Accumulation							
Concrete	70%			LIFE		* *		
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At South Side							
	Explanation : Only One Side Of The Bridge Has Curbs							
Guide Railing								
Steel	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At South Side							
	Explanation : Only One Side Of The Bridge Has Guide Railings							
Median								
Concrete	100%			LIFE		* *	5	\$1,800
Railings/Parapets								
Concrete	100%			2034		* *	4	\$2,400
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At North Side							
	Explanation : One Side Of The Bridge Has Concrete Parapets							
Steel	100%	4+	\$11,800	LIFE		* *	2-8	\$6,700
	Corrosion, Extent : Light, Area Affected : 60%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : North Side							
	Explanation : One Side Of The Bridge Has Steel Parapets							

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE
Asset # : 13567

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Deck Elements									
	Sidewalks								
	Concrete	100%			2030	* *	5	\$2,700	
		Other Observation, Extent : Moderate, Area Affected : 60%							
		Location : Random Locations Throughout							
		Explanation : Dirt Accumulation							
Wearing Surface									
	Concrete	100%			2034	* *	5	\$76,800	
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$17,000	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Stay In Place Forms - Good Condition							
Primary Member									
	Steel	90%			LIFE	* *	2-8	\$285,500	
	Steel	10%	4+	\$252,200	LIFE	* *	2-8	\$285,500	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Bottom Flanges							
		Explanation : Corrosion, Flaking							

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Address : LAFAYETTE AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0181.000 / 13715 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 12,000 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 23-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241169

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$237,500	\$356,300
Total	\$237,500	\$356,300
Importance Code A	\$118,800	\$237,500
Importance Code B	\$118,800	\$118,800
Total	\$237,500	\$356,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$119,700		\$35,900	
Total	\$119,700		\$35,900	
Importance Code A	\$57,500		\$24,000	
Importance Code B	\$21,600		\$11,900	
Importance Code C	\$40,600			
Total	\$119,700		\$35,900	



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

DEPARTMENT OF TRANSPORTATION - 841
LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Asset # : 13715

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 100%					
			Location :					
			Explanation : No Access To The Tracks					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$15,900	2029		* *	4	\$6,700
			Cracks, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout					
			Settlement, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Both Approaches					
			Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete					
Concrete	100%	4+	\$9,900	2037		* *	4	\$25,700
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Both Approaches					

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

DEPARTMENT OF TRANSPORTATION - 841
LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Asset # : 13715

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2037	**	4		
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	**			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			LIFE	**			
Deck Elements								
Guide Railing								
Concrete	100%			2041	**			
Median								
Concrete	100%			LIFE	**	5	\$5,700	
Mono Deck Surface								
Concrete	100%	4+	\$5,600	2048	**	5	\$33,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	\$8,100	2037	**	4	\$5,400	
Cracks, Extent : Light, Area Affected : 3%								
Location : North Parapet								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Parapets Are Concrete With Corrugated Metal Sheetings								
Steel	100%			LIFE	**	2-8	\$8,700	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	\$9,300	2033	**	5	\$5,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

Superstructure

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

DEPARTMENT OF TRANSPORTATION - 841
LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Asset # : 13715

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Not Accessible		100%						
Primary Member								
Steel		99%		LIFE		* *	2-8	\$380,200
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Steel		1%	4+	\$3,500	LIFE	* *	2-8	\$221,800
Other Observation, Extent : Light, Area Affected : 2%								
Location : South Truss								
Explanation : Impact Damage								
Secondary Member								
Steel		100%		LIFE		* *	2-8	\$326,200

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Address : ATLANTIC AVE,EASTERN-GEORGIA
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0065.000 / 2490 **Yr Built/Renovated** : 1942 /
Area Sq Ft : 135,162 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 09-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2243569

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,888,200	\$4,513,300
Total	\$1,888,200	\$4,513,300
Importance Code A	\$1,219,300	\$1,635,300
Importance Code B	\$149,800	\$1,425,700
Importance Code C	\$519,200	\$1,452,300
Total	\$1,888,200	\$4,513,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$31,700	\$6,400	\$277,100	
Total	\$31,700	\$6,400	\$277,100	
Importance Code A			\$134,200	
Importance Code B			\$143,000	
Importance Code C	\$31,700	\$6,400		
Total	\$31,700	\$6,400	\$277,100	



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

DEPARTMENT OF TRANSPORTATION - 841
LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$103,300	LIFE		* *		
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : At Both Abutments								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	\$2,600	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Has Brownstone/ Sandstone Facade								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	50%			2028	\$404,600	4	\$19,300	
Asphalt	50%	4+	\$121,400	2028	\$404,600	4	\$12,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Concrete w/ Steel Face	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Pier,Columns								
Concrete	100%			LIFE	**			
Steel	95%			LIFE	**	2-8	\$126,500	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Peeling Paint And Minor Pitting								
Steel	5%	4+	\$46,500	LIFE	**	2-8	\$126,500	
Corrosion, Extent : Moderate, Area Affected : 60%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : At Base Of Columns								
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%	4+	\$474,600	LIFE	**	5	\$18,900	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	\$692,200	2036	**	4	\$69,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	15%	4+	\$29,000	2036	**	5	\$321,500	
Spalling, Extent : Light, Area Affected : 10%								
Location : West End								
Concrete	85%			2036	**	5	\$643,000	
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841
LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	93%			LIFE	* *	5	\$148,800	
Concrete	7%	4+	\$52,400	LIFE	* *	5	\$148,800	
Cracks, Extent : Light, Area Affected : 50%								
Location : Cracks With Efflorescence								
Joints								
Generic	100%	4+	\$76,200	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Bulging And Protruding Joint Filler Throughout								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$2,498,700	
Corrosion, Extent : Light, Area Affected : 2%								
Location : At Joints Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : In Masonry Joints								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Minor Pitting And Peeling Paint								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$2,093,200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Minor Pitting And Peeling Paint								

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

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD
Address : 39TH ST SO, NORTHERN-SKILLMAN
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0074.000 / 2498 **Yr Built/Renovated** : 1911 /
Area Sq Ft : 32,550 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 02-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2247640

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$225,800	\$416,700
Total	\$225,800	\$416,700
Importance Code C	\$225,800	\$416,700
Total	\$225,800	\$416,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$37,200		\$1,100	\$2,400
Total	\$37,200		\$1,100	\$2,400
Importance Code A	\$30,800		\$1,100	
Importance Code C	\$6,400			\$2,400
Total	\$37,200		\$1,100	\$2,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD
Asset # : 2498

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
		Leakage, Extent : Light, Area Affected : 10%						
		Location : Both Abutments						
		Misaligned/Bulging, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$41,700	2028	\$416,700	4	\$9,600	
		Cracks, Extent : Moderate, Area Affected : 20%						
		Location : Random Locations Throughout						
Concrete	100%	4+	\$108,300	2036	* *	4	\$36,700	
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,600	LIFE	* *			
		Corrosion, Extent : Severe, Area Affected : 40%						
		Location : Throughout						
Embankment								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD
Asset # : 2498

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2036	**	4		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 80%							
	Location : Throughout							
	Explanation : Peeling Paint							
Steel	100%			LIFE	**	2-8	\$9,900	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$5,200	LIFE	**			
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$26,200	LIFE	**			
	Corrosion, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
Mono Deck Surface								
Concrete	80%			2047	**	5	\$4,800	
Concrete	20%	4+	\$1,200	2047	**	5	\$2,400	
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Transverse Cracks Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD
Asset # : 2498

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Concrete	100%			2036	* *	4		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 80%							
	Location : Throughout							
	Explanation : Peeling Paint And Graffiti							
Steel	100%			LIFE	* *	2-8	\$22,300	
Sidewalks								
Concrete	100%	4+	\$75,900	2032	* *	5	\$10,800	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : At Interface With Curb							
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	* *			
	Leakage, Extent : Light, Area Affected : 10%							
	Location : Both Abutments							
	Misaligned/Bulging, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS
Address : 39TH ST NO, NORTHERN-SKILLMAN
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0073.000 / 2497 **Yr Built/Renovated** : 1910 /
Area Sq Ft : 45,446 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 02-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2247330

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$861,200	\$1,852,100
Total	\$861,200	\$1,852,100
Importance Code A	\$79,900	\$22,300
Importance Code C	\$781,300	\$1,829,800
Total	\$861,200	\$1,852,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$3,700	\$11,500	\$2,900	
Total	\$3,700	\$11,500	\$2,900	
Importance Code A	\$3,700	\$11,500	\$2,900	
Importance Code C				
Total	\$3,700	\$11,500	\$2,900	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS
Asset # : 2497

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Backwall								
	Not Accessible	100%							
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Generic	100%			LIFE		**		
		Leakage, Extent : Light, Area Affected : 10%							
		Location : Both Abutments							
		Misaligned/Bulging, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Mat (scour & erosion)								
	Earth	100%			LIFE		**		
	Riprap	100%			LIFE		**		
	Pedestals								
	Not Accessible	100%							
	Stem (breastwall)								
	Not Accessible	100%							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	100%			LIFE		**		
	Piles								
	Not Accessible	100%							
	Walls								
	Not Accessible	100%							
Feature Crossed									
	Bank Protection								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pier Protection								
	Not Accessible	100%							
Approaches									
	Pavement								
	Asphalt	100%	4+	\$139,300	2028	\$1,393,000	4	\$19,200	
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : At Joint At South Abutment							
	Concrete	100%	4+	\$91,000	2036	**	4	\$30,800	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS
Asset # : 2497

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,700	LIFE		* *		
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2036		* *	4	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : Peeling Paint								
Steel	100%			LIFE		* *	2-8	\$19,800
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Riprap	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036		* *	4	
Steel	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$74,400	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS
Asset # : 2497

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$79,900	LIFE	**			
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Mono Deck Surface								
Concrete	20%	4+	\$55,500	2047	**	5	\$218,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Transverse Cracks								
Concrete	80%			2047	**	5	\$436,800	
Railings/Parapets								
Concrete	100%			2036	**	4	\$34,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	**	2-8	\$68,000	
Sidewalks								
Concrete	100%	4+	\$202,600	2032	**	5	\$28,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Interface With Curb								
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD
Address : HONEYWELL,NORTHERN-SKILLMAN AV
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0072.000 / 2496 **Yr Built/Renovated** : 1910 / 2006
Area Sq Ft : 104,561 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 13-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2247320

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$89,200	\$1,074,600
Total	\$89,200	\$1,074,600
Importance Code A		\$22,000
Importance Code C	\$89,200	\$1,052,700
Total	\$89,200	\$1,074,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$21,100		\$2,400	
Total	\$21,100		\$2,400	
Importance Code A			\$2,400	
Importance Code C	\$21,100			
Total	\$21,100		\$2,400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD
Asset # : 2496

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$21,100	2026	\$1,052,700	4	\$16,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Sidewalks								
Concrete	100%			LIFE		* *		
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD
Asset # : 2496

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Railings/Parapets								
Steel	100%			LIFE		* *	2-8	\$66,900
Sidewalks								
Concrete	100%	4+	\$89,200	2030		* *	5	\$31,700
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2034		* *	5	
Scupper								
Cast Iron	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 6 Scuppers								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD
Address : QUEENS BLVD, JACKSON-SKILLMAN
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0071.000 / 2495 **Yr Built/Renovated** : 1910 /
Area Sq Ft : 92,432 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 13-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2247310

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$272,200	\$585,100
Total	\$272,200	\$585,100
Importance Code A	\$132,900	
Importance Code C	\$139,300	\$585,100
Total	\$272,200	\$585,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$29,300	\$21,200	\$1,600	
Total	\$29,300	\$21,200	\$1,600	
Importance Code A			\$1,600	
Importance Code C	\$29,300	\$21,200		
Total	\$29,300	\$21,200	\$1,600	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD
Asset # : 2495

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$29,300	2026	\$585,100	4	\$8,100	
Cracks, Extent : Light, Area Affected : 30%								
Location : Throughout								
Concrete	100%			2034	* *	4		
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Timber	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD
Asset # : 2495

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$132,900	2038		* *		
		Spalling, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
Steel	100%			LIFE		* *		
Railings/Parapets								
Steel	100%			LIFE		* *	2-8	\$45,000
Sidewalks								
Concrete	100%			2030		* *	5	\$42,400
		Vegetation Growth, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
Wearing Surface								
Concrete	100%			2034		* *	5	
Scupper								
Cast Iron	100%	2-4	\$139,300	LIFE		* *		
		Drains Clogged, Extent : Moderate, Area Affected : 40%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Throughout						
		Explanation : Total Of 24 Scuppers						
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD
Address : THOMSON AVE, JACKSON-SKILLMAN
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0070.000 / 2494 **Yr Built/Renovated** : 1908 /
Area Sq Ft : 59,840 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 13-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2247300

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$303,400	\$592,100
Total	\$303,400	\$592,100
Importance Code A	\$36,800	
Importance Code C	\$266,600	\$592,100
Total	\$303,400	\$592,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$35,500	\$15,100	\$1,100	\$11,700
Total	\$35,500	\$15,100	\$1,100	\$11,700
Importance Code A	\$8,900		\$1,100	\$11,700
Importance Code C	\$26,600	\$15,100		
Total	\$35,500	\$15,100	\$1,100	\$11,700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD
Asset # : 2494

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$11,800	2026	\$592,100	4	\$63,700	
			Cracks, Extent : Light, Area Affected : 20%					
			Location : Throughout					
			Settlement, Extent : Light, Area Affected : 10%					
			Location : Random Locations					
Concrete	100%	4+	\$143,900	2034	* *	4	\$243,900	
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Random Locations					
Curbs								
Concrete w/ Steel Face	100%	4+	\$36,800	LIFE		* *		
			Rust Stains, Extent : Moderate, Area Affected : 70%					
			Location : Throughout					
Embankment								
Earth	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD
Asset # : 2494

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%	4+	\$8,900	2034	* *	4	\$800	
	Cracks, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	\$122,700	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5% Location : Throughout Spalling, Extent : Light, Area Affected : 5% Location : Throughout Vegetation Growth, Extent : Moderate, Area Affected : 30% Location : Random Locations Throughout							
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
	Rust Stains, Extent : Moderate, Area Affected : 60% Location : Throughout Other Observation, Extent : Light, Area Affected : 100% Location : Explanation : Located On North Side							
Guide Railing								
Concrete	100%			2038	* *			
	Other Observation, Extent : Light, Area Affected : 100% Location : North Side Explanation : Concrete Barrier Acting As Guide Rail							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD
Asset # : 2494

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%			2034	* *	4	\$23,400	
Steel	100%			LIFE	* *	2-8	\$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Solid Vertical Panels On Both Sides								
Sidewalks								
Concrete	100%			2030	* *	5	\$30,300	
Wearing Surface								
Concrete	100%			2034	* *	5	\$29,500	
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD
Address : WOODHAVEN BLVD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0002.000 / 2461 **Yr Built/Renovated** : 1955 / 2006
Area Sq Ft : 25,288 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 11-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2066002

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$526,000	\$567,800
Total	\$526,000	\$567,800
Importance Code A	\$263,800	\$250,300
Importance Code B	\$183,500	\$250,300
Importance Code C	\$78,700	\$67,200
Total	\$526,000	\$567,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$40,100		\$50,200	
Total	\$40,100		\$50,200	
Importance Code A			\$25,100	
Importance Code B	\$12,900		\$25,100	
Importance Code C	\$27,200			
Total	\$40,100		\$50,200	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD
Asset # : 2461

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Bridge Seat&pedestals Concrete	100%			LIFE		* *			
Backwall Concrete	100%	4+	\$5,500	LIFE		* *			
Cracks, Extent : Light, Area Affected : 2%									
Location : Southwest Corner Of Bridge									
Rust Stains, Extent : Light, Area Affected : 5%									
Location : East Abutment									
Spalling, Extent : Light, Area Affected : 10%									
Location : Throughout Begin Abutment									
Brngs,Ancr Blts,Pads Generic	100%			LIFE		* *			
Rust Stains, Extent : Light, Area Affected : 5%									
Location : Throughout									
Footings									
Not Accessible	100%								
Joint with Deck Generic	100%			LIFE		* *			
Pedestals Concrete	100%			LIFE		* *			
Stem (breastwall) Concrete	100%	4+	\$12,900	LIFE		* *			
Cracks, Extent : Light, Area Affected : 2%									
Location : East Abutment									
Other Observation, Extent : Light, Area Affected : 2%									
Location : Northeast Corner									
Explanation : Masonry Facade Exhibiting Minor Mortar Loss And Vegetation Growth									
Wingwalls									
Piles Not Accessible	100%								
Walls Concrete	100%	4+	\$37,900	LIFE		* *			
Cracks, Extent : Light, Area Affected : 5%									
Location : End Abutment									
Other Observation, Extent : Light, Area Affected : 100%									
Location : End Abutment									
Explanation : Concrete Wall									
Approaches									
Pavement Concrete	100%	4+	\$21,700	2034		* *	4	\$38,500	
Cracks, Extent : Light, Area Affected : 5%									
Location : Throughout									
Embankment Earth	100%			LIFE		* *			
Mat (scour & erosion) Earth	100%			LIFE		* *			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD
Asset # : 2461

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2034	**	4		
Piers								
Stem,Solid Pier Concrete	100%	4+	\$183,500	LIFE	**			
			Cracks, Extent : Moderate, Area Affected : 5%					
			Location : Throughout					
			Spalling, Extent : Light, Area Affected : 2%					
			Location : East Face Of Pier					
Brngs,Ancr Blts,Pads Generic	100%			LIFE	**			
			Rust Stains, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface Concrete	100%	4+	\$40,800	2045	**	5	\$67,200	
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Throughout					
Railings/Parapets Concrete	100%			2034	**	4		
			Other Observation, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					
			Explanation : Vegetation Growth					
Superstructure								
Deck,Structural Concrete	100%	4+	\$263,800	LIFE	**	5	\$27,800	
			Cracks, Extent : Light, Area Affected : 10%					
			Location : Fascia Overhangs And Light Blister					
			Rust Stains, Extent : Light, Area Affected : 10%					
			Location : Underside Of Stay-in-place Forms					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : All Bays Except The Center Bay					
			Explanation : Covered By Stay-In-Place Forms, Some Corroded Areas With Efflorescence					
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$467,500	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$391,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : LONGWOOD AVE. BRIDGE
Address : LONGWOOD AVE. / AMTRAK RAILS
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0180.000 / 13714 **Yr Built/Renovated** : 1908 /
Area Sq Ft : 10,625 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 23-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241159

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$35,800	
Total	\$35,800	
Importance Code C	\$35,800	
Total	\$35,800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$98,200		\$200	
Total	\$98,200		\$200	
Importance Code A	\$7,300		\$200	
Importance Code B	\$14,700			
Importance Code C	\$76,200			
Total	\$98,200		\$200	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LONGWOOD AVE. BRIDGE
Asset # : 13714

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Backwall								
	Not Accessible	100%							
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Generic	100%	4+	\$14,700	LIFE		**		
		Loose Elements, Extent : Light, Area Affected : 10%							
		Location : Both Abutments							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Both Abutments							
		Explanation : Deteriorated Joint Membrane							
	Mat (scour & erosion)								
	Earth	100%			LIFE		**		
	Pedestals								
	Not Accessible	100%							
	Stem (breastwall)								
	Not Accessible	100%							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		**		
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	10%	4+	\$21,800	LIFE		**		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Both Abutments							
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Both Abutments							
	Concrete	90%			LIFE		**		
Feature Crossed									
	Mat (scour & erosion)								
	Generic	100%			LIFE		**		
Approaches									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
LONGWOOD AVE. BRIDGE
Asset # : 13714

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$25,800	2029	* *	4	\$10,900	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete								
Concrete	100%	4+	\$16,000	2037	* *	4	\$41,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Abutments								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	\$5,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Northeast Approach								
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
LONGWOOD AVE. BRIDGE
Asset # : 13714

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$4,600	2037		* *	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 : Light, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Parapet Is Concrete With Corrugated Steel</i>								
Steel	100%			LIFE		* *	2-8	\$6,900
Sidewalks								
Concrete	100%	4+	\$7,200	2033		* *	5	\$3,900
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$35,800	2037		* *	5	\$31,500
<i>Cracks, 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>								
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Address : E149TH ST, PARK AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0056.000 / 2481 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 27,900 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 31-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241560

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$591,600	\$601,200
Total	\$591,600	\$601,200
Importance Code A	\$276,100	\$276,100
Importance Code B	\$276,100	\$276,100
Importance Code C	\$39,300	\$48,900
Total	\$591,600	\$601,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$250,900		\$59,800	
Total	\$250,900		\$59,800	
Importance Code A	\$112,600		\$28,100	
Importance Code B	\$66,500		\$27,700	
Importance Code C	\$71,800		\$4,000	
Total	\$250,900		\$59,800	



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
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE		* *		
Generic	50%	4+	\$16,200	LIFE		* *		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Debris At Joint								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	100%			LIFE		* *		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2029	**	4	\$8,100	
Asphalt	20%	4+	\$10,100	2029	**	4	\$8,100	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Deteriorated Area More Severe On East Side								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : East Abutment North Side								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	100%	4+	\$39,300	2037	**	4	\$30,800	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : West Approach North Side								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,800	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : East Side And West Side Of North Approach								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Railings/Parapets								
Steel	75%			LIFE	**			
Steel	25%	2-4	\$2,900	LIFE	**			
Damaged Railing, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	\$4,000	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Southeast Sidewalk								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Median								
Concrete	100%	4+	\$5,300	LIFE		**	5	\$1,100
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$19,300
Sidewalks								
Concrete	25%	4+	\$24,600	2033		**	5	\$16,200
					</			

*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
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$884,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Underside Of Deck</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$758,500	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Underside Of Bridge</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman</i>							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR
Address : E241ST ST,BX RIV RD,CARPENTER
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0058.000 / 2483 **Yr Built/Renovated** : 1913 /
Area Sq Ft : 49,501 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241890

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,239,000	\$2,150,100
Total	\$1,239,000	\$2,150,100
Importance Code A	\$323,100	\$794,800
Importance Code B	\$341,400	\$899,700
Importance Code C	\$574,400	\$455,600
Total	\$1,239,000	\$2,150,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$55,000		\$166,000	
Total	\$55,000		\$166,000	
Importance Code A	\$7,000		\$75,800	
Importance Code B			\$90,200	
Importance Code C	\$47,900			
Total	\$55,000		\$166,000	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR
Asset # : 2483

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$7,000	LIFE		* *		
Spalling, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$41,300	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Damaged Joint Membrane								
Mat (scour & erosion) Generic	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%	4+	\$300,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Spalling, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$381,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Spalling, Extent : Light, Area Affected : 10%								
Location : West Abutment								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR
Asset # : 2483

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Piers								
Explanation : Concrete Crash Wall								
Approaches								
Pavement								
Asphalt	100%	4+	\$17,500	2028	\$350,900	4	\$5,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	100%	4+	\$27,300	2036	* *	4	\$18,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Corrosion, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$3,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE		* *	2-8	\$579,000
Pier,Columns								
Concrete	100%			LIFE		* *		
Steel	100%			LIFE		* *	2-8	\$1,179,800
Stem,Solid Pier								
Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR
Asset # : 2483

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Steel Facing								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$42,300	
Sidewalks								
Concrete	100%	4+	\$84,100	2032	**	5	\$11,900	
Cracks, Extent : Light, Area Affected : 8%								
Location : Light Random Map Cracking								
Wearing Surface								
Concrete	100%	4+	\$72,900	2036	**	5	\$104,700	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$323,100	LIFE	**	5	\$54,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Construction Joint At Center Bay								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Light Random Cracks With Efflorescence								
Joints								
Generic	100%	4+	\$36,000	LIFE	**			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Numerous Joint Fillers Are Bulging And Failed								
Primary Member								
Steel	100%			LIFE	**	2-8	\$915,100	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$766,600	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN
Address : 59TH ST - 72ND ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0076.090 / 4177 **Yr Built/Renovated** : 1931 /
Area Sq Ft : 307,370 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 24-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2257569

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$4,227,000	\$8,705,300
Total	\$4,227,000	\$8,705,300
Importance Code A	\$3,795,400	\$5,671,500
Importance Code B		\$3,033,800
Importance Code C	\$431,600	
Total	\$4,227,000	\$8,705,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$73,700	\$812,800	
Total		\$73,700	\$812,800	
Importance Code A		\$55,400	\$508,600	
Importance Code B			\$304,300	
Importance Code C		\$18,200		
Total		\$73,700	\$812,800	



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
MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN
Asset # : 4177

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2036	**	4	\$54,700	
Piers								
Pier,Columns								
Concrete	100%			LIFE	**			
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random Locations Along Column Faces And Throughout						
		Rust Stains, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Spalling, Extent : Light, Area Affected : 1%						
		Location : Random Locations Throughout						
Steel	100%			LIFE	**	2-8	\$1,487,500	
		Corrosion, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Rust Stains, Extent : Light, Area Affected : 5%						
		Location : Throughout						
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Explanation : Vegetation Growth						
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$85,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$40,500	
Railings/Parapets								
Concrete	100%			2036	**	4	\$166,300	
Wearing Surface								
Concrete	100%			2036	**	5		
Scupper								
Cast Iron	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Deck						
		Explanation : 204 Scuppers						
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN
Asset # : 4177

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	98%			LIFE	* *	5	\$279,900	
Concrete	2%			LIFE	* *	5	\$279,900	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Corrosion To Stay - In - Place Forms In Several Random Bays								
Joints								
Generic	100%	4+	\$431,600	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 50%								
Location : At Inside Face Of Fascia Girders Below Deck Joints								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Over Several Piers								
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : At Inner Faces Of Fascia Girders Below Deck Joints								
Primary Member								
Steel	14%	4+	\$3,795,400	LIFE	* *	2-8	\$4,701,600	
Corrosion, Extent : Moderate, Area Affected : 2%								
Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout Superstructure Steel								
Explanation : Fading Paint Color, Rust Flakes To Light Rusting. Paint System Is Failing								
Steel	86%			LIFE	* *	2-8	\$4,701,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$3,938,500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : NASSAU STREET BRIDGE B.Q.E./NASSAU STREET
Address : 278I
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0018.000 / 2451 **Yr Built/Renovated** : 1956 / 2006
Area Sq Ft : 51,200 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 20-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2230510

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$54,500	\$1,779,800
Total	\$54,500	\$1,779,800
Importance Code A	\$54,500	\$1,273,600
Importance Code B		\$506,300
Total	\$54,500	\$1,779,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$51,900		\$174,200	
Total	\$51,900		\$174,200	
Importance Code A	\$31,200		\$117,500	
Importance Code B	\$12,600		\$52,300	
Importance Code C	\$8,100		\$4,500	
Total	\$51,900		\$174,200	



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
NASSAU STREET BRIDGE B.Q.E./NASSAU STREET
Asset # : 2451

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type									
Abutments									
Bridge Seat&pedestals	Concrete	100%			LIFE		* *		
Backwall	Concrete	95%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Both Fascias							
		Explanation : Brick Facing 5 Feet Wide							
	Concrete	5%	4+	\$8,100	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : At North Abutment							
Brngs,Ancr Blts,Pads	Steel	100%			LIFE		* *		
Footings	Not Accessible	100%							
Joint with Deck	Generic	100%			LIFE		* *		
Mat (scour & erosion)	Generic	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Begin Abutment							
		Explanation : Stone Pavers							
Pedestals	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : At North Abutment Only							
		Explanation : Steel Bolster Bolted To Front Face Abutment							
Stem (breastwall)	Concrete	5%	4+	\$12,600	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 1%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : North And South Abutments							
		Explanation : Brick Facade							
	Concrete	95%			LIFE		* *		
Wingwalls									
Footings	Not Accessible	100%							
Mat (scour & erosion)	Earth	100%			LIFE		* *		
Piles	Not Accessible	100%							
Walls	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At North And South Abutments							
		Explanation : Brick Facade							

Approaches

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
NASSAU STREET BRIDGE B.Q.E./NASSAU STREET
Asset # : 2451

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement									
Asphalt	100%			2029	**	4	\$9,000		
Concrete	100%			2038	**	4			
Embankment									
Earth	100%			LIFE	**				
Mat (scour & erosion)									
Earth	100%			LIFE	**				
Median									
Concrete	100%			LIFE	**	5			
Railings/Parapets									
Concrete	100%			2038	**	4			
Steel	100%			LIFE	**				
Piers									
Cap Beam									
Steel	95%			LIFE	**	2-8	\$171,600		
Steel	5%	4+	\$2,300	LIFE	**	2-8	\$171,600		
Rust Stains, Extent : Light, Area Affected : 5% Location : Pier 5									
Pier,Columns									
Steel	100%			LIFE	**	2-8	\$42,700		
Brngs,Ancr Blts,Pads									
Generic	100%			LIFE	**				
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Generic	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Asphalt, Pavers And Concrete									
Piles									
Not Accessible	100%								
Deck Elements									
Median									
Concrete	100%			LIFE	**	5	\$5,100		
Mono Deck Surface									
Concrete	100%			2051	**	5			
Railings/Parapets									
Concrete	100%			2038	**	4			
Steel	100%			LIFE	**	2-8	\$29,000		
Scupper									
Cast Iron	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Total Of 12 Scuppers									
Superstructure									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
NASSAU STREET BRIDGE B.Q.E./NASSAU STREET
Asset # : 2451

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	90%			LIFE	* *	5	\$56,300	
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : Fascias And Utility Bay							
	Explanation : Metal Deck Forms							
Concrete	10%	4+	\$28,900	LIFE	* *	5	\$56,300	
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Overhangs At Both Fascias And Along Construction Joints							
Joints								
Generic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Armorless Joint							
Primary Member								
Steel	99%			LIFE	* *	2-8	\$945,600	
Steel	1%	4+	\$54,500	LIFE	* *	2-8	\$945,600	
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : At Ends Of Beams At Piers							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$792,100	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : NEREID AVENUE (2241880)
Address : EAST 238TH ST. / OVER BRONX RIVER PARKWAY
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0151.000 / 13514 **Yr Built/Renovated** : 1930 /
Area Sq Ft : 57,750 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 22-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 1067150

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,964,300	\$1,737,900
Total	\$2,964,300	\$1,737,900
Importance Code A	\$1,795,900	\$1,618,800
Importance Code B	\$1,042,400	
Importance Code C	\$126,100	\$119,200
Total	\$2,964,300	\$1,737,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$111,000		\$5,900	
Total	\$111,000		\$5,900	
Importance Code A	\$26,400		\$1,000	
Importance Code B	\$21,500			
Importance Code C	\$63,000		\$4,900	
Total	\$111,000		\$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
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+	\$21,500	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
	Concrete	99%			LIFE		* *		
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	10%	4+	\$19,500	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Concrete	90%			LIFE		* *		
Feature Crossed									
	Bank Protection								
	Generic	100%			LIFE		* *		
	Mat (scour & erosion)								
	Generic	100%			LIFE		* *		
Approaches									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
NEREID AVENUE (2241880)
Asset # : 13514

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%	4+	\$5,200	2029	* *	4	\$9,800	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Settlement, Extent : Moderate, Area Affected : 10%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : West Approach							
	Explanation : Pavement Consists Of 50 Percent Asphalt And 50 Percent Concrete							
Asphalt	40%			2029	* *	4	\$9,800	
Concrete	100%	4+	\$14,000	2037	* *	4	\$39,000	
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : West Approach							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		
Sidewalks								
Concrete	100%	4+	\$4,500	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Piers								
Cap Beam								
Concrete	40%	4+	\$200,700	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Concrete	60%			LIFE	* *			
Pier,Columns								
Concrete	40%	4+	\$204,000	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Concrete	60%			LIFE	* *			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
NEREID AVENUE (2241880)
Asset # : 13514

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Concrete	2%	4+	\$838,400	LIFE	**			
	Cracks, Extent : Light, Area Affected : 75%							
	Location : Random Locations Throughout							
	Efflorescence, Extent : Moderate, Area Affected : 100%							
	Location : Random Locations Throughout							
Concrete	98%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$8,300	LIFE	**			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 2%							
	Location : North Side Near Piers 4 And 8							
	Recent Repair Evident, Extent : Light, Area Affected : 100%							
	Location : Random Locations Throughout							
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$47,100	
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Random Locations Throughout							
	Explanation : Steel Railing Without Parapets							
Sidewalks								
Concrete	100%	4+	\$19,800	2033	**	5	\$11,600	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Wearing Surface								
Concrete	100%	4+	\$126,100	2037	**	5	\$119,200	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 1%							
	Location : Random Locations Throughout							
	Explanation : Spalling With Exposed Rebar							
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
NEREID AVENUE (2241880)
Asset # : 13514

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		
Superstructure									
Primary Member									
Concrete									
		10%	4+	\$785,800	LIFE	* *	5	\$809,400	
Cracks, Extent : Moderate, Area Affected : 80%									
Location : Underside Of The Arch Barrels									
Efflorescence, Extent : Light, Area Affected : 100%									
Location : Underside Of The Arch Barrels									
Leakage, Extent : Light, Area Affected : 80%									
Location : Random Locations At The Arch Barrels									
Recent Replace Evident, Extent : Light, Area Affected : 80%									
Location : Throughout									
Other Observation, Extent : Moderate, Area Affected : 80%									
Location : Underside Of The Arch Barrels									
Explanation : Deteriorated Surface With Steel Mesh Installed									
Concrete		90%			LIFE	* *	5	\$1,618,800	

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Address : NORTHERN BLVD. CROSS ISLAND PKWY.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0177.000 / 13711 **Yr Built/Renovated** :
Area Sq Ft : 8,951 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 10-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231870

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$213,400	\$177,200
Total	\$213,400	\$177,200
Importance Code A	\$88,600	\$88,600
Importance Code B	\$88,600	\$88,600
Importance Code C	\$36,200	
Total	\$213,400	\$177,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$92,500		\$20,500	
Total	\$92,500		\$20,500	
Importance Code A	\$41,800		\$9,000	
Importance Code B	\$31,200		\$8,900	
Importance Code C	\$19,500		\$2,600	
Total	\$92,500		\$20,500	



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
NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Asset # : 13711

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Elastomeric	100%			2048		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	22%	4+	\$15,100	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 50%							
	Location : Random Locations Throughout							
Concrete	78%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	11%	4+	\$36,200	LIFE		* *		
	Cracking/Crumbling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Wingwalls Are Concrete With Stone Facing							
Concrete	89%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		* *		
Pier Protection Concrete	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Concrete Barrier							
Approaches								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Asset # : 13711

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$9,500	2029	**	4	\$10,800	
	Cracks, Extent : Light, Area Affected : 7%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Approaches							
	Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete							
Concrete	100%			2037	**	4	\$5,100	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	Rust Stains, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$2,900	LIFE	**			
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Both Approaches							
	Settlement, Extent : Light, Area Affected : 3%							
	Location : Both Approaches							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : All Columns							
	Explanation : The Columns Are Concrete With Stone Veneer							
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Asset # : 13711

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Steel	100%			LIFE	* *	2-8	\$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North And South Sides								
Explanation : Chain Link Fence Behind Steel Bridge Railing								
Sidewalks								
Concrete	100%			2033	* *	5	\$400	
Wearing Surface								
Concrete	100%	4+	\$7,100	2037	* *	5	\$16,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5	\$19,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Deck								
Explanation : Bottom Covered With Stay In Place Forms								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$283,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$243,300	

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL
Address : E34TH ST-39TH ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0083.000 / 2512 **Yr Built/Renovated** : 1919 /
Area Sq Ft : 36,200 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2246540

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$3,980,800	\$2,649,900
Total	\$3,980,800	\$2,649,900
Importance Code A	\$3,058,500	\$227,700
Importance Code C	\$922,300	\$2,422,200
Total	\$3,980,800	\$2,649,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$30,600	\$15,400	\$4,200	\$4,900
Total	\$30,600	\$15,400	\$4,200	\$4,900
Importance Code A	\$17,000		\$4,200	
Importance Code C	\$13,600	\$15,400		\$4,900
Total	\$30,600	\$15,400	\$4,200	\$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.

DEPARTMENT OF TRANSPORTATION - 841
PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL
Asset # : 2512

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$427,400	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Granite	65%	4+	\$494,900	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : South End								
Granite	35%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Top Of Wingwalls								
Explanation : Ornamental Granite Parapet On Wingwalls								
Approaches								
Pavement								
Asphalt	100%			2028	\$1,892,700	4	\$46,300	
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%			LIFE		* *		
Concrete w/ Steel Face	100%			LIFE		* *		
Granite	100%			LIFE		* *		
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Guide Railing								
Steel	100%			LIFE		* *	2-8	\$81,300
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL
Asset # : 2512

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$3,000	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Granite	95%			LIFE	**			
Granite	5%	4+	\$17,000	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Gratings								
Steel	100%			LIFE	**			
Railings/Parapets								
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$59,200	
Sidewalks								
Concrete	100%			2032	**	5	\$9,800	
Granite Paver	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Paver Sidewalk At North Fascia								
Wearing Surface								
Asphalt	90%			2028	\$476,500	5	\$48,600	
Asphalt	10%	4+	\$10,600	2028	\$52,900	5	\$24,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Intersections								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$3,058,500	LIFE	**	5	\$39,800	
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Deck Steel Corrugate Is Used. There Is 5 Percent Corrosion On The Steel Corrugate.								
Primary Member								
Concrete	100%			LIFE	**	5	\$149,000	
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL
Asset # : 2512

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PEDESTRIAN BRIDGE E. 174ST. / 895IX
Address : E. 174ST,BRONX RIVER, I895
Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0005.0A0 / 2918 Yr Built/Renovated : 1909 /
Area Sq Ft : 1,800 Project Type : HIGHWAY BRIDGES
Date of Survey : 04-Nov-2013 Landmark Status : NONE
Areas Surveyed :
Block : Lot : BIN : 206672A

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$102,600	
Total	\$102,600	
Importance Code A	\$59,200	
Importance Code C	\$43,300	
Total	\$102,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$50,900	\$3,700	\$5,000	\$900
Total	\$50,900	\$3,700	\$5,000	\$900
Importance Code A	\$45,000		\$2,800	
Importance Code B			\$2,200	
Importance Code C	\$5,900	\$3,700		\$900
Total	\$50,900	\$3,700	\$5,000	\$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
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2918

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$6,500	LIFE	**			
Corrosion, Extent : Light, Area Affected : 15%								
Location : East Side Bearing								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$4,400	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%								
Location : East Side Pedestal								
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Abutment								
Explanation : With Brick Veneer								
Approaches								
Pavement								
Concrete	100%			2034	**	4	\$1,800	
Curbs								
Granite	100%	4+	\$1,200	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Joint Mortar Between Granite Curbs								
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2918

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%	4+	\$1,300	LIFE	**			
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Parapet Base								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$8,200	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$11,400	
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Solid Pier								
Explanation : With Brick Veneer								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$1,400	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Solid Concrete Pier With Brick Veneer								
Explanation : 4 Concrete Pedestals								
Deck Elements								
Curbs								
Concrete	90%			2045	**			
Concrete	10%	0-2	\$22,100	2045	**			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Adjacent To Abutment								
Explanation : Broken Anchor Bolt At Base Of Lightpole (1 Out Of 4)								
Mono Deck Surface								
Concrete	70%			2045	**	5	\$7,400	
Concrete	30%	4+	\$5,900	2045	**	5	\$3,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2918

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Steel	90%	4+	\$4,500	LIFE	* *	2-8	\$8,500	
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : At Base Of Parapet							
	Steel	10%	0-2	\$5,000	LIFE	* *	2-8	\$8,500	
		Broken/Missing Elements, Extent : Light, Area Affected : 1%							
		Location : 2nd Ramp And 3rd Ramp From Top							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : 2nd Ramp And 3rd Ramp From Top							
		Explanation : Corroded, Broken Railing And Missing Connection Bolts, And/or Replaced By Fillet Welds.							
Scupper									
	Cast Iron	100%	2-4	\$43,300	LIFE	* *			
		Drains Clogged, Extent : Moderate, Area Affected : 50%							
		Location : All Drains Throughout The Deck							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Deck							
		Explanation : Total Of 9 Drains							
Superstructure									
	Deck,Structural								
	Concrete	70%			LIFE	* *	5	\$2,000	
	Concrete	30%	4+	\$59,200	LIFE	* *	5	\$2,000	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Near Top Joint Along 147 Street Main Bridge							
		Explanation : Underside Of Deck Spalled Area With Rusted Rebars Covered By Steel Mesh With Bolted Steel Plates.							
Joints									
	Generic	100%			LIFE	* *			
Primary Member									
	Steel	100%			LIFE	* *	2-8	\$33,300	
Secondary Member									
	Steel	100%			LIFE	* *	2-8	\$27,900	

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PEDESTRIAN BRIDGE E. 174ST. / 895IX
Address : E. 174ST,BRONX RIVER, I895
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0005.0B0 / 2919 **Yr Built/Renovated** : 1909 /
Area Sq Ft : 1,900 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 30-Oct-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 206672B

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$57,100	\$3,700	\$5,300	\$900
Total	\$57,100	\$3,700	\$5,300	\$900
Importance Code A	\$33,900		\$2,700	
Importance Code B	\$17,400		\$2,700	
Importance Code C	\$5,800	\$3,700		\$900
Total	\$57,100	\$3,700	\$5,300	\$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
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2919

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$3,700	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Begin Abutment								
Backwall								
Concrete	80%			LIFE		* *		
Concrete	20%	4+	\$1,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Begin Abutment								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE		* *		
Steel	50%	4+	\$6,500	LIFE		* *		
Corrosion, Extent : Light, Area Affected : 30%								
Location : South Abutment								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : With Brick Veneer								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin Abutment								
Explanation : With Brick Veneer And Three Weep Holes On Each Wall								
Approaches								
Pavement								
Concrete	100%			2034		* *	4	\$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
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2919

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Curbs									
Granite	100%			LIFE		* *			
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Railings/Parapets									
Steel	100%			LIFE		* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : Missing Bolts At One Of The 4 Connections Of Railing Panels Near The Northwest Corner									
Corrosion, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Piers									
Cap Beam									
Steel	100%			LIFE		* *	2-8	\$8,200	
Pier,Columns									
Steel	65%			LIFE		* *	2-8	\$11,400	
Steel	35%	2-4	\$2,800	LIFE		* *	2-8	\$11,400	
Corrosion, Extent : Moderate, Area Affected : 2%									
Location : Base Of Center Pier									
Stem,Solid Pier									
Brick Veneer	100%			LIFE		* *			
Concrete	100%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : South End Pier									
Explanation : Concrete With Brick Veneer									
Brngs,Ancr Blts,Pads									
Steel	90%			LIFE		* *	2-8	\$1,400	
Steel	10%	2-4	\$11,600	LIFE		* *	2-8	\$1,400	
Corrosion, Extent : Moderate, Area Affected : 50%									
Location : At Pier With Brick Veneer									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Pedestals									
Concrete	50%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Bottom Of Column									
Explanation : Pedestal At Bottom Of The Pier Column									
Concrete	50%	4+	\$14,600	LIFE		* *			
Cracks, Extent : Light, Area Affected : 10%									
Location : South End Pier									
Spalling, Extent : Light, Area Affected : 10%									
Location : South End Pier									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2919

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	99%			2045	**			
Concrete	1%	4+	\$5,500	2045	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	85%			2045	**	5	\$7,400	
Recent Replace Evident, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	15%	4+	\$2,400	2045	**	5	\$3,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Missing Bolts Replaced By Fillet Weld Near Northeast Corner								
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Scupper								
Ductile Iron	100%			LIFE	**			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : On Deck								
Explanation : 5 Total Scuppers; 50 Percent Of Scuppers Are Clogged								
Superstructure								
Deck,Structural								
Concrete	80%			LIFE	**	5	\$2,100	
Concrete	20%	4+	\$6,600	LIFE	**	5	\$2,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joints								
Generic	50%			LIFE	**			
Generic	50%	2-4	\$2,200	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			LIFE	**	2-8	\$35,100	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$29,400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST
Address : 79ST TO 91ST ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0031.070 / 2925 **Yr Built/Renovated** : 1942 /
Area Sq Ft : 93,000 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2232167

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$6,957,200	\$13,456,300
Total	\$6,957,200	\$13,456,300
Importance Code A	\$6,276,800	\$373,700
Importance Code B	\$85,300	
Importance Code C	\$595,100	\$13,082,600
Total	\$6,957,200	\$13,456,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$69,800		\$8,800	\$36,900
Total	\$69,800		\$8,800	\$36,900
Importance Code A	\$11,800		\$7,800	\$36,900
Importance Code B	\$30,200		\$1,000	
Importance Code C	\$27,900			
Total	\$69,800		\$8,800	\$36,900



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
PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST
Asset # : 2925

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Walls									
Granite	65%			LIFE		**			
Granite	35%	4+	\$13,900	LIFE		**			
Efflorescence, Extent : Moderate, Area Affected : 25%									
Location : Lower Two Courses Of Stones									
Loose Elements, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Feature Crossed									
Bank Protection									
Riprap	100%			LIFE		**			
Pier Protection									
Not Accessible	100%								
Approaches									
Pavement									
Asphalt	100%	4+	\$36,400	2026	\$728,000	4	\$12,100		
Cracks, Extent : Light, Area Affected : 5%									
Location : Throughout									
Brick	100%	4+	\$42,900	2026	\$2,143,500	4	\$1,536,800		
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Explanation : Missing Brick Pavers									
Guide Railing									
Steel	75%			LIFE		**	2-8	\$11,700	
Steel	25%	4+	\$11,800	LIFE		**	2-8	\$11,700	
Corrosion, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Sidewalks									
Masonry	100%			LIFE		**			
Other Observation, Extent : Light, Area Affected : 15%									
Location : Throughout									
Explanation : Cracks									
Steel	75%			LIFE		**			
Steel	25%	4+	\$13,900	LIFE		**			
Corrosion, Extent : Moderate, Area Affected : 10%									
Location : Throughout Top Rail									

Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST
Asset # : 2925

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier, Columns								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$85,300	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Pier 1								
Explanation : Area Currently Under Repair, Begin Abutment Through 84th Street.								
Steel	70%			LIFE	**	2-8	\$14,200	
Steel	30%	4+	\$30,200	LIFE	**	2-8	\$14,200	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	75%			2034	**	4	\$73,800	
Concrete	25%	4+	\$1,055,300	2034	**	4	\$73,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Concentrated At Joints								
Rust Stains, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random, Also Concentrated At Joints								
Steel	80%			LIFE	**	2-8	\$101,300	
Steel	20%	4+	\$119,500	LIFE	**	2-8	\$101,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Railing Supports At Joints								
Explanation : Dislocated Anchors, Missing Concrete Around Anchors								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST
Asset # : 2925

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Wearing Surface									
Asphalt	85%			2023	\$1,156,300	5	\$124,900		
Asphalt	15%	2-4	\$40,800	2026	\$204,100	5	\$62,400		
Cracks, Extent : Light, Area Affected : 20%									
Location : Throughout									
Loose Elements, Extent : Light, Area Affected : 5%									
Location : Throughout									
Settlement, Extent : Light, Area Affected : 5%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Asphalt Pavers									
Concrete	80%			2028	\$6,279,000	5	\$543,100		
Concrete	20%	4+	\$314,000	2028	\$1,569,800	5	\$271,500		
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 15%									
Location : Throughout									
Superstructure									
Deck,Structural									
Concrete	70%			LIFE	* *	5	\$102,400		
Concrete	5%	4+	\$1,700,700	LIFE	* *	5	\$102,400		
Cracks, Extent : Light, Area Affected : 20%									
Location : Throughout									
Exposed Reinforcement, Extent : Light, Area Affected : 10%									
Location : Throughout									
Recent Replace Evident, Extent : Light, Area Affected : 10%									
Location : Repair To Underside Of Deck Evident									
Spalling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Concrete	25%	2-4	\$3,401,400	LIFE	* *	5	\$102,400		
Cracks, Extent : Severe, Area Affected : 20%									
Location : Throughout									
Efflorescence, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Joints									
Generic	33%			LIFE	* *				
Generic	67%	0-2	\$161,100	LIFE	* *				
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : Various Locations Per Biennial 2011									
Leakage, Extent : Severe, Area Affected : 50%									
Location : In Several Spans Per Biennial 2011									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY
Address : IND SUBWAY STATION
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0016.090 / 2577 **Yr Built/Renovated** :
Area Sq Ft : 37,753 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 15-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2230209

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,717,000	\$2,097,200
Total	\$2,717,000	\$2,097,200
Importance Code A	\$1,868,000	\$1,349,800
Importance Code B	\$795,400	\$747,300
Importance Code C	\$53,600	
Total	\$2,717,000	\$2,097,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$492,500		\$161,000	\$116,700
Total	\$492,500		\$161,000	\$116,700
Importance Code A	\$265,700		\$75,000	\$900
Importance Code B	\$203,300		\$75,000	\$115,800
Importance Code C	\$23,500		\$11,100	
Total	\$492,500		\$161,000	\$116,700



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
QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY
Asset # : 2577

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	95%			LIFE	**	3-15	\$137,500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Specifically, Stone Facing							
Masonry: Brick	5%	4+	\$1,900	LIFE	**	3-5	\$84,100	
	Joints Missing, Extent : Moderate, Area Affected : 5%							
	Location : Joint Mortar Missing Throught Both Abutments							
Masonry: Schist/Gneiss	5%	4+	\$7,500	LIFE	**	3-5	\$101,800	
	Other Observation, Extent : Severe, Area Affected : 5%							
	Location : End Of Abutment							
	Explanation : Cracks							
Masonry: Schist/Gneiss	95%			LIFE	**	3-15	\$154,400	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Concrete Spans 1-5							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$22,300	

*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
QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY
Asset # : 2577

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			
Concrete w/ Steel Face	20%	4+	\$1,500	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Northwest Quadrant Asphalt Patch								
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	100%			LIFE	**	2-8		
Median								
Concrete	100%	4+	\$3,600	LIFE	**	5	\$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Northwest Quadrant Asphalt Patch								
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete Encased Steel	4%	2-4	\$777,600	LIFE	**	5	\$259,500	
Spalling, Extent : Severe, Area Affected : 80%								
Location : Northeast Beam End								
Concrete Encased Steel	96%			LIFE	**	5	\$519,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throught								
Explanation : Not Accessible								
Pier,Columns								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			
Concrete w/ Steel Face	20%	2-4	\$2,700	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Guide Railing								
Steel	100%			LIFE	**			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median Concrete	100%	4+	\$7,500	LIFE	* *	5	\$1,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Railings/Parapets								
Masonry	2%	2-4	\$1,000	2037	* *	5	\$900	
Spalling, Extent : Severe, Area Affected : 30%								
Location : Southwest Corner								
Masonry	98%			2037	* *	5	\$1,800	
Sidewalks								
Brick	100%			2048	* *			
Concrete	100%	4+	\$53,600	2033	* *	5	\$4,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Random Locations Throughout								
Explanation : Lack Of Expension Joints								
Wearing Surface								
Asphalt	100%	4+	\$23,500	2029	* *	5	\$21,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	10%			LIFE	* *	5	\$83,500	
Concrete	90%			LIFE	* *	5	\$83,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Primary Member								
Steel	90%			LIFE	* *	2-8	\$1,196,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Steel	10%			LIFE	* *	2-8	\$1,196,300	

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
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	
Superstructure								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$1,026,300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Not Accessible</i>							
Steel	10%			LIFE	* *	2-8	\$1,026,300	

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE
Address : RAMP TO HENRY HUDSON PKWY. / W.158TH ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0011.0A0 / 2574 **Yr Built/Renovated** :
Area Sq Ft : 10,800 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 30-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 222934A

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,072,700	\$645,300
Total	\$2,072,700	\$645,300
Importance Code A	\$1,866,900	\$332,600
Importance Code B	\$205,900	\$312,800
Total	\$2,072,700	\$645,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$295,500		\$67,100	
Total	\$295,500		\$67,100	
Importance Code A	\$148,000		\$35,000	
Importance Code B	\$118,300		\$31,400	
Importance Code C	\$29,200		\$800	
Total	\$295,500		\$67,100	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE
Asset # : 2574

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$7,800	LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : South End								
Explanation : Torn And Detached Expansion Joint Material								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Walls								
Concrete	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%			2029		* *	4	\$1,600
Cracks, Extent : Light, Area Affected : 1%								
Location : Isolated Locations Throughout								
Concrete	100%	4+	\$7,800	2037		* *	4	\$6,200
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								

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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
RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE
Asset # : 2574

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Concrete w/ Steel Face	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Curb								
Explanation : Consists of 25 Percent Concrete, 25 Percent Concrete With Steel Face, And 50 Percent Granite								
Granite	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2037	**	4		
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$459,400	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$467,000	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%	4+	\$3,000	LIFE	**			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : North End West Side Wall At Columns								
Piles								
Not Accessible	100%							
Deck Elements								

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DEPARTMENT OF TRANSPORTATION - 841
RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset # : 2574

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete	56%	Now	\$1,497,300	2048	**			
<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	44%			2048	**			
	Granite	100%	4+	\$5,900	LIFE	**			
<i>Settlement, Extent : Light, Area Affected : 5%</i>									
<i>Location : On The Northwest Side</i>									
<i>Other Observation, Extent : Light, Area Affected : 15%</i>									
<i>Location : Throughout East Side Of Bridge</i>									
<i>Explanation : Deteriorated/ Missing Joints At Granite Blocks</i>									
Guide Railing									
	Steel	100%	4+	\$7,500	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Near End Of Approach</i>									
<i>Explanation : Impact Damage</i>									
Median									
	Concrete	100%	4+	\$4,400	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 : Light, Area Affected : 90%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Grass Area</i>									
Mono Deck Surface									
	Concrete	100%	4+	\$6,300	2048	**	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>									
Railings/Parapets									
	Concrete	20%	4+	\$4,100	2037	**	4	\$2,100	
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Southwest Side On Top Of Parapet</i>									
	Concrete	80%			2037	**	4	\$2,100	
	Steel	100%			LIFE	**	2-8	\$26,500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset # : 2574

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Sidewalks								
	Cobblestone	100%			2048	**			
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Along East Side							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : West And East Side							
		Explanation : Cobblestone Along West Side And Grassy Area Along East Side.							
	Concrete	100%	4+	\$13,800	2033	**	5	\$5,700	
		Spalling, Extent : Light, Area Affected : 5%							
		Location : At North End							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : At West Side Of Sidewalk							
Scupper									
	Ductile Iron	100%			LIFE	**			
Superstructure									
	Deck,Structural								
	Concrete	95%			LIFE	**	5	\$23,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Entire Deck							
		Explanation : No Access To Tracks							
	Concrete	5%	4+	\$2,200	LIFE	**	5	\$11,900	
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Joints									
	Generic	5%	2-4	\$1,200	LIFE	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 80%							
		Location : Throughout							
	Generic	95%			LIFE	**			
Primary Member									
	Steel	95%			LIFE	**	2-8	\$342,200	
	Steel	5%	4+	\$143,900	LIFE	**	2-8	\$199,700	
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : On Floor Beam Bottom Flanges, Particularly Heavy At Joints							
		Loss of Section, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
Secondary Member									
	Steel	95%			LIFE	**	2-8	\$293,600	
	Steel	5%	4+	\$5,000	LIFE	**	2-8	\$167,300	
		Corrosion, Extent : Light, Area Affected : 25%							
		Location : Random Locations Throughout							
		Loss of Section, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							

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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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Address : 152ND ST- W161ST ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0069.000 / 2493 **Yr Built/Renovated** : 1908 /
Area Sq Ft : 181,487 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2246720

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$13,523,900	\$7,947,000
Total	\$13,523,900	\$7,947,000
Importance Code A	\$9,572,000	\$6,734,600
Importance Code B	\$2,294,000	
Importance Code C	\$1,657,900	\$1,212,400
Total	\$13,523,900	\$7,947,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$82,200		\$452,800	
Total	\$82,200		\$452,800	
Importance Code A	\$73,300		\$452,800	
Importance Code B				
Importance Code C	\$8,900			
Total	\$82,200		\$452,800	



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DEPARTMENT OF TRANSPORTATION - 841
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	50%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 40%							
	Location :							
	Explanation : Field Inspection Supplemented With Info From Biennial (typical)							
Concrete	50%	4+	\$267,600	LIFE		**		
	Cracks, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Spalling, Extent : Moderate, Area Affected : 25%							
	Location : At Begin Abutment							
Granite	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE		**		
Steel	25%	2-4	\$177,800	LIFE		**		
	Corrosion, Extent : Moderate, Area Affected : 25%							
	Location : Both Abutments							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE		**		
Generic	50%	2-4	\$138,500	LIFE		**		
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : End Abutment							
	Explanation : Worn Out Filler							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	85%			LIFE		**		
Concrete	15%	4+	\$91,800	LIFE		**		
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : At Begin Abutment							
Stem (breastwall)								
Concrete	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Begin Abutment							
	Explanation : Condition Repaired							
Granite	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Begin Abutment							
	Explanation : Condition Repaired							
Wingwalls								
Footings								
Not Accessible	100%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$97,800	LIFE		* *		
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Paint Peeling							
Masonry	100%			LIFE		* *		
	Vegetation Growth, Extent : Moderate, Area Affected : 25%							
	Location : At Begin Abutment							
Approaches								
Pavement								
Asphalt	100%	4+	\$8,900	2026	\$444,900	4	\$8,100	
	Cracks, Extent : Light, Area Affected : 2%							
	Location : At South Approach							
	Recent Replace Evident, Extent : Light, Area Affected : 50%							
	Location : New Asphalt At North Approach							
Concrete	100%	4+	\$138,400	2034		* *	4	\$30,800
	Cracks, Extent : Light, Area Affected : 25%							
	Location : At End Approach							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : End Approach							
Curbs								
Concrete w/ Steel Face	100%	4+	\$7,000	LIFE		* *		
	Rust Stains, Extent : Light, Area Affected : 100%							
	Location : At End Approach							
Granite	100%			LIFE		* *		
Embankment								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Railings/Parapets								
Concrete	100%			2034		* *	4	
Granite	100%	4+	\$4,100	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Explanation : Missing Joint Mortar							
Steel	100%			LIFE		* *		
Sidewalks								
Asphalt	100%			2026			4	
Concrete	100%			LIFE		* *		
Piers								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$19,100	
Steel	85%			LIFE	**	2-8	\$3,374,000	
Steel	15%	4+	\$1,216,700	LIFE	**	2-8	\$3,374,000	
Corrosion, Extent : Moderate, Area Affected : 15%								
Location : On Cantilever Portions Span 42 To End								
Pier,Columns								
Concrete Encased Steel	50%			LIFE	**	5	\$900	
Concrete Encased Steel	50%	0-2	\$1,138,100	LIFE	**	5	\$900	
Cracks, Extent : Moderate, Area Affected : 25%								
Location : On Cantilever Portions Span 42 To End								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : On Cantilever Portions Span 42 To End								
Stem,Solid Pier								
Masonry	80%			LIFE	**			
Masonry	20%	4+	\$979,700	LIFE	**			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : On Face And Base Of Pier Respectively								
Explanation : Hollow Sound Area And Vertical Cracks And Vegetation Growth								
Brngs,Ancr Blts,Pads								
Steel	60%			LIFE	**	2-8	\$173,900	
Steel	40%	2-4	\$900,800	LIFE	**	2-8	\$173,900	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Freezing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Several Spans								
Explanation : Missing Anchor Bolts								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$37,800	LIFE	**			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Pier 41								
Explanation : Per Biennial Inspection Report The Right Wall Has A Crack In Pier 41 Which Propagates Into Pedestal								
Piles								
Not Accessible	100%							
Deck Elements								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**				
Granite	90%			LIFE	**				
Granite	10%	4+	\$6,500	LIFE	**				
Cracks, Extent : Light, Area Affected : 50%									
Location : Throughout									
Guide Railing									
Concrete	95%			2038	**				
Concrete	5%	4+	\$31,500	2038	**				
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Throughout									
Cracks, Extent : Light, Area Affected : 25%									
Location : Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Railings/Parapets									
Granite	100%			LIFE	**				
Masonry	95%			2034	**	5	\$25,900		
Masonry	5%	4+	\$11,300	2034	**	5	\$12,900		
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : Throughout, Concentrated At Joints									
Explanation : Missing Mortar And Vegetation Growth At Base Of Parapet									
Steel	100%	4+	\$257,800	LIFE	**	2-8	\$23,900		
Corrosion, Extent : Light, Area Affected : 5%									
Location : At Base Of Railing, West Fascia Parapet									
Other Observation, Extent : Severe, Area Affected : 50%									
Location : At Base Of Parapet, West Side Fascia									
Explanation : Vegetation Growth									
Sidewalks									
Concrete	90%			2030	**	5	\$117,500		
Cracks, Extent : Light, Area Affected : 2%									
Location : Throughout									
Concrete	10%	4+	\$188,600	2030	**	5	\$58,700		
Cracks, Extent : Moderate, Area Affected : 20%									
Location : At East Fascia Sidewalk									
Wearing Surface									
Concrete	95%			2034	**	5	\$650,000		
Concrete	5%	2-4	\$86,100	2034	**	5	\$325,000		
Other Observation, Extent : Light, Area Affected : 5%									
Location : Throughout									
Explanation : Cracks, Map Cracks And Delaminated Area.									
Scupper									
Cast Iron	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Total Of 28 Scuppers									

Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Superstructure									
	Deck,Structural								
	Concrete	50%			LIFE	* *	5	\$199,700	
	Concrete	50%	4+	\$3,003,000	LIFE	* *	5	\$199,700	
		Cracks, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Efflorescence, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Exposed Reinforcement, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Joints									
	Steel	80%			LIFE	* *			
	Steel	15%	2-4	\$416,400	LIFE	* *			
		Leakage, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Explanation : Missing/damaged Seal							
	Steel	5%	Now	\$347,000	LIFE	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 100%							
		Location : East Fascia Sidewalk							
Primary Member									
	Concrete Encased Steel	70%			LIFE	* *	5	\$914,500	
	Concrete Encased Steel	30%	2-4	\$3,656,400	LIFE	* *	5	\$914,500	
		Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Corrosion, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Spans 1 to 40							
		Explanation : Currently Under Repair							
	Steel	100%			LIFE	* *	2-8	\$2,684,100	
		Rust Stains, Extent : Light, Area Affected : 25%							
		Location : Random Locations Throughout							
Secondary Member									
	Concrete Encased Steel	100%			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.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : SHORE ROAD BRIDGE
Address : SHORE ROAD CIRCLE AMTRAK - CSX
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0213.000 / 14581 **Yr Built/Renovated** :
Area Sq Ft : 4,800 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241390

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$2,000	\$24,600	
Total		\$2,000	\$24,600	
Importance Code A		\$1,700		
Importance Code C		\$400	\$24,600	
Total		\$2,000	\$24,600	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SHORE ROAD BRIDGE
Asset # : 14581

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Concrete	100%			2036		* *	4	
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Embankment								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036		* *	4	
Steel	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SHORE ROAD BRIDGE
Asset # : 14581

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%			2028	\$23,000	4	\$1,100	
Concrete	100%			LIFE	* *			
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Grass Strips								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2036	* *	4	\$5,000	
Steel	100%			LIFE	* *	2-8		
Sidewalks								
Concrete	100%			2032	* *	5		
Wearing Surface								
Concrete	100%			2036	* *	5	\$49,200	
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE
Address : PAGE AVE,AMBOY-RICHMOND VALLEY
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0075.000 / 2499 **Yr Built/Renovated** : 1930 / 1989
Area Sq Ft : 44,400 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 21-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2249269

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$748,900	\$1,610,100
Total	\$748,900	\$1,610,100
Importance Code A	\$289,800	\$488,300
Importance Code B		\$439,500
Importance Code C	\$459,200	\$682,300
Total	\$748,900	\$1,610,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$86,300	\$4,000	\$88,700	
Total	\$86,300	\$4,000	\$88,700	
Importance Code A	\$37,500		\$44,600	
Importance Code B	\$800		\$44,100	
Importance Code C	\$48,100	\$4,000		
Total	\$86,300	\$4,000	\$88,700	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset # : 2499

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		* *		
Mat (scour & erosion) Generic	100%	4+	\$800	LIFE		* *		
	Settlement, Extent : Light, Area Affected : 3% Location : Random Locations Throughout Other Observation, Extent : Light, Area Affected : 2% Location : Random Locations Throughout Explanation : Vegetation Growth							
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		* *		
	Cracks, Extent : Light, Area Affected : 1% Location : Random Locations Throughout							
Feature Crossed								
Bank Protection Concrete	100%	4+	\$313,400	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Spalling, Extent : Light, Area Affected : 3% Location : Random Locations Throughout Other Observation, Extent : Light, Area Affected : 2% Location : Random Locations Throughout Explanation : Exposed Reinforcement							
Mat (scour & erosion) Stream Bed	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE
Asset # : 2499

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement									
Asphalt	80%			2028	\$468,100	4	\$12,100		
Asphalt	20%	4+	\$23,400	2028	\$117,000	4	\$8,100		
Broken,Missing Pave, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Cracks, Extent : Severe, Area Affected : 50%									
Location : Random Locations Throughout									
Settlement, Extent : Moderate, Area Affected : 15%									
Location : Random Locations Throughout									
Concrete	100%	4+	\$18,200	2036	* *	4	\$30,800		
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Curbs									
Concrete w/ Steel Face	100%	4+	\$1,800	LIFE	* *				
Rust Stains, Extent : Severe, Area Affected : 75%									
Location : Throughout									
Vegetation Growth, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Embankment									
Earth	100%			LIFE	* *				
Guide Railing									
Steel	100%			LIFE	* *	2-8	\$5,800		
Mat (scour & erosion)									
Earth	100%			LIFE	* *				
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	100%			2036	* *	4			
Steel	100%	4+	\$15,900	LIFE	* *				
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : Southeast End									
Sidewalks									
Concrete	100%	4+	\$6,500	LIFE	* *				
Cracks, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Delaminations, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Piers									
Cap Beam									
Concrete	100%			LIFE	* *				
Pier,Columns									
Concrete	100%			LIFE	* *				
Brngs,Ancr Blts,Pads									
Multi-Rotational Bearing	100%			LIFE	* *				
Footings									
Not Accessible	100%								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE
Asset # : 2499

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		Rust Stains, Extent : Light, Area Affected : 75%						
		Location : Throughout						
Railings/Parapets								
Concrete	100%	4+	\$19,700	2036	**	4	\$8,600	
		Cracks, Extent : Light, Area Affected : 2%						
		Location : At Base Of Light Post Pedestals						
		Efflorescence, Extent : Light, Area Affected : 3%						
		Location : At Base Of Light Post Pedestals						
		Rust Stains, Extent : Light, Area Affected : 3%						
		Location : At Base Of Light Post Pedestals						
		Other Observation, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Explanation : Scaling						
Steel	100%			LIFE	**	2-8	\$11,800	
Sidewalks								
Concrete	100%	4+	\$78,100	2032	**	5	\$11,100	
		Cracks, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Spalling, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Explanation : Scaling						
Wearing Surface								
Concrete	100%	4+	\$67,700	2036	**	5	\$97,200	
		Cracks, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$289,800	LIFE	**	5	\$48,900	
		Cracks, Extent : Light, Area Affected : 3%						
		Location : Random Locations Throughout						
		Efflorescence, Extent : Light, Area Affected : 3%						
		Location : Random Locations Throughout						
Primary Member								
Steel	100%			LIFE	**	2-8	\$820,800	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$687,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE
Asset # : 2499

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : SOUTH ST RAMP TO FDR/SOUTH ST
Address : SOUTH ST,ENTRY RAMP TO FDR DR
Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0027.0C0 / 4325 Yr Built/Renovated : 1954 /
Area Sq Ft : 39,200 Project Type : HIGHWAY BRIDGES
Date of Survey : 26-Aug-2015 Landmark Status : NONE
Areas Surveyed :
Block : Lot : BIN : 223201C

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$227,500	\$4,003,200
Total	\$227,500	\$4,003,200
Importance Code A		\$1,095,700
Importance Code B		\$870,200
Importance Code C	\$227,500	\$2,037,300
Total	\$227,500	\$4,003,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$9,600	\$16,500	\$197,600	
Total	\$9,600	\$16,500	\$197,600	
Importance Code A		\$1,400	\$110,300	
Importance Code B	\$2,900		\$87,300	
Importance Code C	\$6,700	\$15,100		
Total	\$9,600	\$16,500	\$197,600	



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
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Granite	100%	4+	\$2,900	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : West Side Of The End Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside Cellular Abutment								
Explanation : A Furnished Office Space								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$3,300	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Northwest Corner								
Granite	100%	4+	\$3,400	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Northwest Corner								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%			2028	\$1,137,700	4	\$45,300	
Asphalt	40%	2-4	\$227,500	2028	\$758,400	4	\$30,200	
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Near End Of Approach								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Near End Of Approach								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Granite	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$739,200	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$271,300	
Stem,Solid Pier								
Granite	100%			LIFE	**			
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pier 7								
Explanation : Pier 7 Is A Solid Stem Pier								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**	4	\$4,200	
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$11,500	
Wearing Surface								
Asphalt	100%			2028	\$141,200	5	\$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Scupper								
Cast Iron	100%			LIFE	**			

Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5	\$11,800	
Joints								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Primary Member								
Steel	90%			LIFE	* *	2-8	\$724,700	
Steel	10%			LIFE	* *	2-8	\$724,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$607,100	
Steel	10%			LIFE	* *	2-8	\$607,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : SOUTH ST/FDR SB RAMP
Address : SOUTH ST,ENTRY RAMP TO FDR DR
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0027.0D0 / 4326 **Yr Built/Renovated** : 1954 /
Area Sq Ft : 187,500 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 26-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 223201D

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$386,600	\$4,026,400
Total	\$386,600	\$4,026,400
Importance Code A	\$176,500	\$241,500
Importance Code B	\$210,000	\$3,784,900
Total	\$386,600	\$4,026,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$30,300	\$14,200	\$435,500	
Total	\$30,300	\$14,200	\$435,500	
Importance Code A		\$14,200	\$24,200	
Importance Code B	\$2,800		\$379,600	
Importance Code C	\$27,500		\$31,700	
Total	\$30,300	\$14,200	\$435,500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
SOUTH ST/FDR SB RAMP
Asset # : 4326

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%	4+	\$2,800	LIFE		**		
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	60%	4+	\$176,500	LIFE		**	2-8	\$224,300
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	40%			LIFE		**	2-8	\$224,300
Pier,Columns								
Steel	60%			LIFE		**	2-8	\$105,400
Steel	40%	4+	\$148,800	LIFE		**	2-8	\$105,400
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Visible Due To High Tide								
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036		**	4	\$42,500
Wearing Surface								
Concrete	70%			2036		**	5	\$63,400
Concrete	30%	4+	\$27,500	2036		**	5	\$31,700
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE		**		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$22,600
Joints								
Generic	100%			LIFE		**		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
SOUTH ST/FDR SB RAMP
Asset # : 4326

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
	Steel	100%			LIFE	* *	2-8	\$88,700	
		<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
		<i>Location : Random Locations Throughout</i>							
Secondary Member									
	Steel	85%			LIFE	* *	2-8	\$2,903,700	
		<i>Rust Stains, Extent : Light, Area Affected : 3%</i>							
		<i>Location : Random Locations Throughout</i>							
	Steel	15%	4+	\$61,200	LIFE	* *	2-8	\$2,903,700	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
		<i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : STILLWELL AVE. BRIDGE
Address : CONEY ISLAND CREEK
Borough : BROOKLYN
Program / Asset # : DOT0164.000 / 13572
Area Sq Ft : 17,000
Date of Survey : 11-Nov-2013
Areas Surveyed :
Block : **Lot** : **BIN** : 2240540
Agency's Number : N/A
Yr Built/Renovated :
Project Type : HIGHWAY BRIDGES
Landmark Status : NONE

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$382,900	\$35,900
Total	\$382,900	\$35,900
Importance Code B	\$156,400	
Importance Code C	\$226,500	\$35,900
Total	\$382,900	\$35,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$73,300		\$500	
Total	\$73,300		\$500	
Importance Code A	\$30,300		\$500	
Importance Code C	\$43,000			
Total	\$73,300		\$500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$156,400	LIFE		* *		
Missing/Damaged Seal, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Throughout Concrete Headers								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : North Abutment								
Explanation : Water Leakage Through Joint								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Approaches								
Pavement								
Concrete	100%	4+	\$63,300	2034		* *	4	\$39,400
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$16,400	LIFE		**		
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	\$5,600
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Sidewalks								
Concrete	100%	2-4	\$163,200	LIFE		**		
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Northeast Corner And Southeast Corner								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$13,900	LIFE		**		
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$10,900

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Deck Elements									
	Sidewalks								
	Concrete	100%	4+	\$15,700	2030	* *	5	\$5,100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Wearing Surface									
	Concrete	100%	4+	\$27,200	2034	* *	5	\$35,900	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : East Side Of The Deck							
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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 : 23-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241170

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$74,200		\$100	
Total	\$74,200		\$100	
Importance Code A	\$2,300		\$100	
Importance Code B	\$15,000			
Importance Code C	\$56,900			
Total	\$74,200		\$100	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK
Asset # : 13716

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$15,000	LIFE		* *		
Loose Elements, Extent : Light, Area Affected : 15%								
Location : Both Abutments								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$28,600	2029		* *	4	\$12,100
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 15%								
Location : Random Locations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%	4+	\$17,400	2037		* *	4	\$18,100
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK
Asset # : 13716

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Embankment									
Earth	100%			LIFE	**				
Railings/Parapets									
Concrete	100%			2037	**	4			
	Other Observation, Extent : Light, Area Affected : 50%								
	Location : Both Approaches								
	Explanation : Consists Of 50% Concrete And 50% Metal Fence								
Steel	100%			LIFE	**				
Sidewalks									
Concrete	95%			LIFE	**				
Concrete	5%	4+	\$1,500	LIFE	**				
	Cracks, Extent : Light, Area Affected : 50%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 25%								
	Location : Random Locations Throughout								
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**				
	Corrosion, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Railings/Parapets									
Concrete	100%			2037	**	4			
	Other Observation, Extent : Light, Area Affected : 50%								
	Location : Both Sides								
	Explanation : Consists Of 50 Percent Concrete And 50 Percent Corrugated Steel Sheeting								
Steel	100%			LIFE	**	2-8	\$6,000		
Sidewalks									
Concrete	100%			2033	**	5	\$3,500		
Wearing Surface									
Concrete	100%	4+	\$9,400	2037	**	5	\$20,600		
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Throughout								
Superstructure									
Deck,Structural									
Not Accessible	100%								
Joints									
Not Accessible	100%								
Primary Member									
Not Accessible	100%								
Secondary Member									
Not Accessible	100%								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD
Address : BEDFORD PK BLVD,JEROME-PAUL AV
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0059.000 / 2484 **Yr Built/Renovated** : 1936 / 2000
Area Sq Ft : 46,300 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241930

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$104,700	\$81,100
Total	\$104,700	\$81,100
Importance Code C	\$104,700	\$81,100
Total	\$104,700	\$81,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$71,300		\$700	
Total	\$71,300		\$700	
Importance Code A	\$32,900		\$700	
Importance Code B	\$15,000			
Importance Code C	\$23,400			
Total	\$71,300		\$700	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD
Asset # : 2484

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$15,000	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Both Sides								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	\$18,200	2036		* *	4	\$30,800
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : At Joint Of South Abutment								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD
Asset # : 2484

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	100%			2036	**	4			
Sidewalks									
Concrete	100%	4+	\$5,200	LIFE	**				
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : North Approach									
Piers									
Cap Beam									
Not Accessible	100%								
Pier,Columns									
Not Accessible	100%								
Stem,Solid Pier									
Not Accessible	100%								
Brngs,Ancr Blts,Pads									
Not Accessible	100%								
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Pedestals									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**				
Corrosion, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Railings/Parapets									
Concrete	100%	4+	\$32,900	2036	**	4	\$14,300		
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : Western Side									
Steel	100%			LIFE	**	2-8	\$19,700		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Chain Link Fence									
Sidewalks									
Concrete	100%	4+	\$48,200	2032	**	5	\$17,100		
Cracks, Extent : Light, Area Affected : 10%									
Location : Map Cracking At Western Sidewalk, Random Cracks Throughout Both Sides									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD
Asset # : 2484

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$56,500	2036	* *	5	\$81,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Address : W205TH ST, JEROME-PAUL AVES
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0060.000 / 2485 **Yr Built/Renovated** : 1935 /
Area Sq Ft : 37,800 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 28-Oct-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241940

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$196,000	\$585,100
Total	\$196,000	\$585,100
Importance Code C	\$196,000	\$585,100
Total	\$196,000	\$585,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$66,200		\$600	
Total	\$66,200		\$600	
Importance Code A	\$31,100		\$600	
Importance Code B	\$35,100			
Importance Code C				
Total	\$66,200		\$600	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Asset # : 2485

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$15,000	LIFE		* *		
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along West Joint Header</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$20,100	LIFE		* *		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Corner</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$117,000	2026	\$585,100	4	\$8,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Approach</i>								
<i>Explanation : Uneven Surface</i>								
Concrete	100%	4+	\$36,400	2034		* *	4	\$61,700
<i>Delaminations, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along West Joint Header</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Joint Header</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Embankment								
Earth	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Asset # : 2485

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Railings/Parapets									
Concrete	100%	4+	\$2,700	2034		* *	4	\$1,200	
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Northwest Corner							
Steel	100%			LIFE		* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Chain Link Fence							
Sidewalks									
Concrete	100%			LIFE		* *			
Piers									
Cap Beam									
Not Accessible	100%								
Pier,Columns									
Not Accessible	100%								
Stem,Solid Pier									
Not Accessible	100%								
Brngs,Ancr Blts,Pads									
Not Accessible	100%								
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Pedestals									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *			
Railings/Parapets									
Concrete	100%	4+	\$28,400	2034		* *	4	\$12,400	
		Cracks, Extent : Light, Area Affected : 2%							
		Location : North Side							
Steel	100%			LIFE		* *	2-8	\$16,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Chain Link Fence							
Sidewalks									
Concrete	100%	4+	\$42,600	2033		* *	5	\$15,100	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Throughout							
Wearing Surface									
Concrete	100%			2038		* *	5		

Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Asset # : 2485

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Address : RAMP TO W. 158TH STREET / AMTRAK RAILS
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0157.000 / 13520 **Yr Built/Renovated** :
Area Sq Ft : 29,170 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 30-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2245250

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$577,400	\$666,900
Total	\$577,400	\$666,900
Importance Code A	\$288,700	\$288,700
Importance Code B	\$288,700	\$288,700
Importance Code C		\$89,500
Total	\$577,400	\$666,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$279,300		\$58,500	
Total	\$279,300		\$58,500	
Importance Code A	\$144,500		\$29,500	
Importance Code B	\$71,000		\$29,000	
Importance Code C	\$63,800			
Total	\$279,300		\$58,500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Asset # : 13520

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
			Rust Stains, Extent : Light, Area Affected : 10% Location : Random Locations Throughout					
Brngs,Ancr Blts,Pads Elastomeric	100%			2048		* *		
			Corrosion, Extent : Light, Area Affected : 15% Location : Random Locations Throughout					
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$18,500	LIFE		* *		
			Leakage, Extent : Light, Area Affected : 50% Location : Random Locations Throughout Rust Stains, Extent : Light, Area Affected : 10% Location : Random Locations Throughout Other Observation, Extent : Moderate, Area Affected : 20% Location : At Sidewalk At End Of Abutment Explanation : Damaged/ Misaligned Expansion Joint Membrane					
Mat (scour & erosion) Earth	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Not Accessible	100%							
Walls Not Accessible	100%							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		* *		
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		* *		
Approaches								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Asset # : 13520

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	100%	4+	\$16,900	2037	* *	4	\$55,500	
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Concrete							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
	Rust Stains, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
Railings/Parapets								
Concrete	100%			2037	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
	Vegetation Growth, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
	Rust Stains, Extent : Light, Area Affected : 2%							
	Location : Pier 5							
Pier,Columns								
Concrete	100%			LIFE	* *			
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
	Rust Stains, Extent : Light, Area Affected : 20%							
	Location : Pier 6							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Pier 6							
	Explanation : Map Cracks							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$16,500	
	Corrosion, Extent : Light, Area Affected : 50%							
	Location : Random Locations Throughout							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Asset # : 13520

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : East Side Only									
Explanation : Concrete Curb With Steel Facing									
Railings/Parapets									
Concrete	100%	4+	\$6,600	2037		* *	4	\$400	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Span 4									
Steel	100%			LIFE		* *	2-8	\$7,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : East And West Sides									
Explanation : Steel Railing And Concrete Parapet At West Side. Steel Fence And Steel Railing At East Sides									
Sidewalks									
Concrete	100%	4+	\$10,700	2033		* *	5	\$7,400	
Cracks, Extent : Light, Area Affected : 4%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Wearing Surface									
Concrete	100%	4+	\$32,200	2037		* *	5	\$89,500	
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Spalling, Extent : Moderate, Area Affected : 2%									
Location : Random Locations Throughout									
Scupper									
Ductile Iron	100%			LIFE		* *			
Superstructure									
Deck,Structural Concrete	100%			LIFE		* *	5	\$64,200	
Other Observation, Extent : Light, Area Affected : 80%									
Location : Throughout									
Explanation : Stay In Place Forms									
Joints									
Generic	100%	4+	\$3,900	LIFE		* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 10%									
Location : Span 4 Expansion Joint									
Other Observation, Extent : Light, Area Affected : 20%									
Location : Span 4									
Explanation : Sealant Missing									
Primary Member									
Steel	100%			LIFE		* *	2-8	\$924,300	
Rust Stains, Extent : Light, Area Affected : 10%									
Location : Span 6									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Asset # : 13520

Bridge Structure		Current Repair		Future Replacement		Maintenance		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	\$793,000	

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Address : WESTCHESTER AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0161.000 / 13569 **Yr Built/Renovated** : 1907 /
Area Sq Ft : 15,600 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 30-Oct-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241230

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$1,169,500
Total		\$1,169,500
Importance Code C		\$1,169,500
Total		\$1,169,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$72,300	\$3,700	\$200	\$200
Total	\$72,300	\$3,700	\$200	\$200
Importance Code A	\$6,100		\$200	\$200
Importance Code C	\$66,100	\$3,700		
Total	\$72,300	\$3,700	\$200	\$200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Asset # : 13569

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE		* *		
		Cracks, Extent : Moderate, Area Affected : 10%						
		Location : Northwest Corner						
		Spalling, Extent : Moderate, Area Affected : 10%						
		Location : Northwest And Southeast Sides						
		Other Observation, Extent : Light, Area Affected : 10%						
		Location : Northwest Joint						
		Explanation : Vegetation						
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$23,400	2026	\$1,169,500	4	\$18,600	
		Cracks, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
		Cracks, Extent : Light, Area Affected : 2%						
		Location : East Approach South Side						
		Rust Stains, Extent : Light, Area Affected : 15%						
		Location : Throughout						
Embankment								
Earth	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Asset # : 13569

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Mat (scour & erosion)	Earth	100%			LIFE		**		
Railings/Parapets	Concrete	100%	4+	\$6,100	2034	**	4	\$300	
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Steel	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Steel Panel Wall							
Sidewalks	Concrete	100%	4+	\$7,800	LIFE	**			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Piers									
Cap Beam	Not Accessible	100%							
Pier,Columns	Not Accessible	100%							
Stem,Solid Pier	Not Accessible	100%							
Brngs,Ancr Blts,Pads	Not Accessible	100%							
Footings	Not Accessible	100%							
Mat (scour & erosion)	Not Accessible	100%							
Pedestals	Not Accessible	100%							
Piles	Not Accessible	100%							
Deck Elements									
Curbs	Concrete w/ Steel Face	100%			LIFE	**			
		Rust Stains, Extent : Light, Area Affected : 15%							
		Location : Throughout							
Median	Concrete	100%			LIFE	**	5	\$700	
Railings/Parapets	Concrete	100%			2034	**	4	\$400	
	Steel	100%			LIFE	**	2-8	\$5,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Steel Panel Wall							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Asset # : 13569

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Sidewalks									
	Concrete	100%			2030	* *	5	\$7,500	
Wearing Surface									
	Concrete	100%			2034	* *	5	\$69,800	
Superstructure									
Deck,Structural									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Material Is Concrete							
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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : 145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Address : HARLEM RIVER, HARLEM RIV DR.
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0043.000 / 2468 **Yr Built/Renovated** : 1900 / 2007
Area Sq Ft : 56,732 **Project Type** : WATERWAY BRIDGES
Date of Survey : 29-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240089

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,210,500	\$1,331,700
Total	\$1,210,500	\$1,331,700
Importance Code A		\$933,900
Importance Code B	\$114,900	\$397,800
Importance Code C	\$1,095,600	
Total	\$1,210,500	\$1,331,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$37,200	\$153,400	
Bridge Electrical	\$8,600	\$7,400	\$7,400	\$7,400
Bridge Mechanical	\$123,700		\$125,700	
Total	\$132,300	\$44,600	\$286,500	\$7,400
Importance Code A			\$86,900	
Importance Code B	\$132,300	\$7,400	\$173,000	\$7,400
Importance Code C		\$37,200	\$26,700	
Total	\$132,300	\$44,600	\$286,500	\$7,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		* *		
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Piles Not Accessible	100%							
Walls Granite	100%			LIFE		* *		
Feature Crossed								
Bank Protection Concrete	100%	2-4	\$1,095,600	LIFE		* *		
		Spalling, Extent : Severe, Area Affected : 25% Location : The Concrete Bulkhead Under Span 3 On The Right Side Is Spalled On Rotting Timber Cribbing.						
Riprap	100%			LIFE		* *		
Timber	100%			2033		* *		
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Timber	10%	0-2	\$114,900	LIFE		* *		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : Pier 3 And 5 Right Side Dolphins Rotted, Extent : Moderate, Area Affected : 20% Location : Piers 3 And 5 Split/Dry/Cracked, Extent : Moderate, Area Affected : 20% Location : Piers 3 And 5 Other Observation, Extent : Moderate, Area Affected : 10% Location : Piers 3 And 5 Explanation : Exhibits Impact Damage To Dolphins.						
Timber	90%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1% Location : Pier 4 Explanation : New Pier Protection.						

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$53,300	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 6 And 7.								
Explanation : Concrete Cap Beam								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 - 3 And 5 Through 7.								
Explanation : Concrete Pier Stem								
Granite	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 3 And 5.								
Explanation : Granite Facade.								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2055	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 - 3 And 5 Through 7.								
Explanation : Elastomeric Brg. For Spans 1 - 3 And 6 - 8.								
Steel	100%			LIFE	**	2-8		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 3, 4, 5.								
Explanation : Steel Brgs. For Spans 4 And 5.								
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 3 And 6 Through 8.								
Explanation : Spans 1 - 3 And 6 Through 8.								
Guide Railing								
Steel	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Steel	75%			LIFE	**	2-8	\$28,800	
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 3 And 6 - 8. Explanation : Chain Link Fence Both Sides							
	Steel	25%			LIFE	**	2-8	\$28,800	
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 4 And 5. Explanation : Chain Link Fence And Pedestrian Railing On Both Sides.							
Sidewalks									
	Concrete	100%			2035	**	5	\$29,000	
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 3 And 6 Through 8. Explanation : Spans 1 - 3 And 6 Through 8.							
	Grating w/ Concrete	100%			2055	**			
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 4 And 5. Explanation : Spans 4 And 5.							
	Wearing Surface								
	Asphalt	100%			2030	**	5	\$45,500	
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	**	5	\$69,200	
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 3 And 6 Through 8. Explanation : Spans 1, 3 And 6 Through 8.							
	Grating w/ Concrete	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 4 And 5. Explanation : Spans 4 And 5.							
Joints									
	Steel	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 1% Location : Piers 3 And 5. Explanation : Piers 3 And 5.							
	Generic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 1% Location : Piers 1, 2 And 6 Through 7. Explanation : Piers 1, 2 And 6 Through 7.							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Primary Member

Concrete

100%

LIFE

* *

5

*Other Observation, Extent : Light, Area Affected : 1%**Location : Span 2.**Explanation : Span 2.*

Steel

100%

LIFE

* *

2-8

\$1,579,800

*Other Observation, Extent : Light, Area Affected : 1%**Location : Spans 1, 3 And 6 Through 8.**Explanation : Spans 1, 3 And 6 Through 8.*

Secondary Member

Steel

100%

LIFE

* *

2-8

\$622,400

*Other Observation, Extent : Light, Area Affected : 1%**Location : Spans 1, 3 And 6 Through 8.**Explanation : Spans 1, 3 And 6 Through 8.*

Movable Bridges

Swing Span Truss

Steel

100%

LIFE

* *

Swing Span Pivot Pier

Concrete

100%

LIFE

* *

Bridge Electrical

System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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Communication Electrical

Intercom

Generic

100%

2025

\$14,700

Telephone

Desk Top

100%

2025

Control System Electrical

Computer

PLC

100%

Now

\$1,300

2025

\$25,300

*Other Observation, Extent : Moderate, Area Affected : 20%**Location : Machinery Room**Explanation : Ups For Plc Power Has Failed And Is Bypassed.*

Control Console

Stainless Steel

100%

LIFE

* *

Control Devices

Relay

100%

2045

* *

Disconnect Switch

Non Fused

100%

2045

* *

1

\$35,900

Limit Switch

Generic

100%

2045

* *

Local Starter

Magnetic

100%

2045

* *

Drive

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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		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Drive								
	Machinery Brake Thruster	100%		2055	* *	1	\$600	
	Motor Brake Thruster	100%		2055	* *	1	\$1,100	
Electrical Power								
	MCC Generic	100%		2045	* *			
	Panelboard Circuit Breaker	100%		2045	* *	1	\$6,700	
	Transfer Switch Auto	100%		2045	* *			
	Transformer Dry	100%		2045	* *			
Exterior Lighting								
	Lighting Contactor Generic	100%		2045	* *	1	\$5,600	
	Lighting Fixture HID	100%		2025				
Ground/Lightning Protection								
	Ground Bus Copper	100%		2030	* *			
	Ground Rod Not Accessible	100%						
	Ground Wire Green	100%		2030	* *			
	Lightning Terminals Copper	100%		2025	\$1,300			
Interior Lighting								
	Exit Lighting Battery Operated	100%		2030	* *			
	Lighting Fixture Fluorescent	100%		2030	* *	1	\$5,600	
Navigation Lighting								
	Fender Lighting Incandescent	100%		2025		1	\$3,400	
	Pier Lighting Incandescent	100%		2025		1	\$4,500	
	Span Lighting Incandescent	100%		2025		1	\$2,300	
Raceway								
	Box Terminal	100%		2035	* *	1	\$4,500	
	Collector Ring Metal	100%		2035	* *			
	Communications Twisted Shielded pair	100%		2025				

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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			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Raceway									
	Conduit								
	Metal	100%			2065		* *		
	Submarine Control Cables								
	Control	100%			2030		* *		
	Submarine Power Cable								
	Power	100%			2030		* *		
	Wires								
	Thermoplastic	100%			2045		* *		
Stand-by Power									
	Transfer Switch								
	Auto	100%			2045		* *		
Traffic System Electrical									
	Barrier Gate Lighting								
	Incandescent	100%			2025		1	\$1,100	
	Traffic Gate Lighting								
	Incandescent	100%			2025		1	\$1,100	
	Traffic Gong								
	Generic	100%			2025		1	\$600	
	Traffic Signal								
	Generic	100%			2025		1	\$600	

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch								
Generic	100%			2065	* *	2	\$22,500	
Center Pivot								
Generic	100%			2065	* *	2	\$67,400	
Emergency Drive								
Emergency Power	100%			2065	* *	2	\$44,900	
End Lift								
Generic	100%	Now	\$25,800	2065	* *	2	\$35,900	
Other Observation, Extent : Light, Area Affected : 2%								
Location : End Lift								
Explanation : Minor Oil Leakage. One Wheel Does Not Have Full Bearing								
Fuel Tanks								
Generic	100%			2045	* *			
Houses								
Control House	100%	Now	\$4,800	2065	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Bathroom								
Explanation : Plumbing For The Bathroom Requires Repair.								

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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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing									
Main Drive System									
	Generic	50%	Now	\$14,600	2065	* *	2	\$179,600	
Other Observation, Extent : Light, Area Affected : 2%									
Location : Drive Machinery									
Explanation : Pinion Bearing Bolts Require Paint. Secondary Reducers Do Not Have Sight Gauge									
	Generic	50%			2065	* *	2	\$224,500	
Structural Bearings									
	Generic	100%			2040	* *			
Traffic Devices									
	Barrier Gate	100%			2040	* *			
	Warning Gate	100%	Now	\$6,600	2040	* *			
Other Observation, Extent : Light, Area Affected : 2%									
Location : Nw And Ne Gate									
Explanation : Two Cwt Arms Are Bent.									

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN
Address : BELT SHORE PARKWAY
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0023.020 / 14776 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 81,644 **Project Type** : WATERWAY BRIDGES
Date of Survey : 15-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231482

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure				\$35,600
Total				\$35,600
Importance Code A				\$11,100
Importance Code C				\$24,500
Total				\$35,600



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
BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN

Asset # : 14776

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			LIFE	**			
Footings Not Accessible	100%							
Joint with Deck Steel	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection Riprap	100%			LIFE	**			
Mat (scour & erosion) Stream Bed	100%			LIFE	**			
Pier Protection Wood	100%			2042	**			
Approaches								
Pavement Concrete	100%			2042	**	4	\$19,800	
Embankment Not Accessible	100%							
Guide Railing Concrete	100%			2042	**	4	\$2,200	
Steel	100%			LIFE	**	2-8		
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
BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN

Asset # : 14776

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2042	**	4	\$1,200	
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%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2047	**			
Steel	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2042	**	4	\$18,800	
Steel	100%			LIFE	**	2-8		
Sidewalks								
Concrete	100%			2037	**	5	\$29,200	
Wearing Surface								
Concrete	100%			2042	**	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		
Primary Member								
Steel	100%			LIFE	**	2-8		
Secondary Member								
Steel	100%			LIFE	**	2-8		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN
Address : BELT SHORE PARKWAY
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0023.010 / 14775 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 47,361 **Project Type** : WATERWAY BRIDGES
Date of Survey : 15-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231481

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure				\$28,900
Total				\$28,900
Importance Code A				\$14,300
Importance Code C				\$14,600
Total				\$28,900



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 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN

Asset # : 14775

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**			
Pier Protection								
Wood	100%			2042	**			
Approaches								
Pavement								
Concrete	100%			2042	**	4	\$29,100	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$3,000	
Steel	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN

Asset # : 14775

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2042	**	4	\$25,700	
Steel	100%			LIFE	**	2-8		
Wearing Surface								
Concrete	100%			2042	**	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		
Primary Member								
Steel	100%			LIFE	**	2-8		
Secondary Member								
Steel	100%			LIFE	**	2-8		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK
Address : BELT SHORE PKWY AT FRESH CREEK
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0134.000 / 4214 **Yr Built/Renovated** : 1931 / 2013
Area Sq Ft : 23,021 **Project Type** : WATERWAY BRIDGES
Date of Survey : 09-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231509

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$61,700	\$479,700
Total	\$61,700	\$479,700
Importance Code A		\$209,000
Importance Code B		\$209,000
Importance Code C	\$61,700	\$61,700
Total	\$61,700	\$479,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$15,000	\$42,500	\$6,000
Total		\$15,000	\$42,500	\$6,000
Importance Code A			\$21,500	\$4,600
Importance Code B			\$21,000	
Importance Code C		\$15,000		\$1,300
Total		\$15,000	\$42,500	\$6,000



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DEPARTMENT OF TRANSPORTATION - 841
BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK
Asset # : 4214

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2057	**			
Footings Not Accessible	100%							
Joint with Deck Steel	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 5% Location : Near Abutment Explanation : Backer Rod Falling Through								
Mat (scour & erosion) Riprap	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection Riprap	100%			LIFE	**			
Mat (scour & erosion) Stream Bed	100%			LIFE	**			
Pier Protection Timber	100%			LIFE	**			
Approaches								
Pavement Concrete	100%			2040	**	4	\$45,100	
Cracks, Extent : Light, Area Affected : 5% Location : Along Center Line And Random Transverse								
Curbs Concrete	100%			LIFE	**			
Embankment Generic	100%			LIFE	**			
Guide Railing Concrete	100%			2042	**	4	\$2,800	
Steel	100%			LIFE	**	2-8	\$5,300	

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DEPARTMENT OF TRANSPORTATION - 841
BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK
Asset # : 4214

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$1,100	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$1,500	
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2057	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2057	**			
Guide Railing								
Concrete	100%			2047	**			
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$2,000	
Railings/Parapets								
Concrete	100%			2042	**	4	\$4,900	
Steel	100%			LIFE	**	2-8	\$11,200	
Sidewalks								
Concrete	100%			2037	**	5	\$2,600	
Wearing Surface								
Concrete	100%			2042	**	5	\$123,300	
Scupper								
Cast Iron	100%			LIFE	**			

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DEPARTMENT OF TRANSPORTATION - 841
BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK

Asset # : 4214

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	* *	5	\$23,200	
Primary Member Steel	100%			LIFE	* *	2-8	\$390,400	
Secondary Member Steel	100%			LIFE	* *	2-8	\$327,100	

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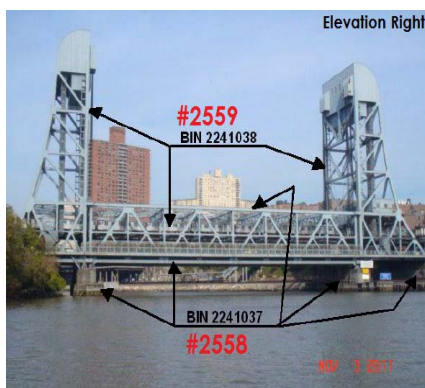
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Address : HARLEM RIVER, B'WAY
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0044.070 / 2558 **Yr Built/Renovated** :
Area Sq Ft : 38,100 **Project Type** : WATERWAY BRIDGES
Date of Survey : 28-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240137

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$4,671,300	\$1,545,600
Bridge Electrical	\$2,693,800	\$5,544,700
Bridge Mechanical	\$3,750,800	\$4,315,800
Total	\$11,115,900	\$11,406,100
Importance Code A	\$4,299,800	\$753,500
Importance Code B	\$6,444,600	\$10,237,300
Importance Code C	\$371,500	\$415,300
Total	\$11,115,900	\$11,406,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$52,400		\$114,800	\$6,000
Bridge Electrical	\$53,400			
Bridge Mechanical	\$32,700			
Total	\$138,600		\$114,800	\$6,000
Importance Code A	\$500		\$77,000	
Importance Code B	\$104,700		\$37,800	
Importance Code C	\$33,400			\$6,000
Total	\$138,600		\$114,800	\$6,000



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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Bridge Seat&pedestals									
Not Accessible	100%								
Other Observation, Extent : Light, Area Affected : 100%									
Location : North Abutment - MTA Track. South Abutment - Fenced Off Area.									
Explanation : North Abutment - Mta Track. South Abutment - Fenced Off Area.									
Backwall									
Granite	100%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 1%									
Location : Begin Abutment									
Explanation : Begin Abutment									
Not Accessible	100%								
Other Observation, Extent : Light, Area Affected : 0%									
Location : North Abutment - Mta Track.									
Explanation : North Abutment - Mta Track.									
Brngs,Ancr Blts,Pads									
Not Accessible	100%								
Other Observation, Extent : Light, Area Affected : 0%									
Location : North Abutment - MTA Track. South Abutment - Fenced Off Area.									
Explanation : North Abutment - Mta Track. South Abutment - Fenced Off Area.									
Footings									
Not Accessible	100%								
Joint with Deck									
Steel	100%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 1%									
Location : End Abutment									
Explanation : End Abutment									
Generic	100%			LIFE		* *			
Other Observation, Extent : Light, Area Affected : 1%									
Location : Begin Abutment									
Explanation : Begin Abutment									
Mat (scour & erosion)									
Earth	100%			LIFE		* *			
Pedestals									
Concrete	90%			LIFE		* *			
Concrete	10%	2-4	\$500	LIFE		* *			
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%									
Location : End Abutment Center Pedestal									
Spalling, Extent : Moderate, Area Affected : 2%									
Location : End Abutment Center Pedestal									
Stem (breastwall)									
Concrete	100%			LIFE		* *			
Walls									
Not Accessible	100%								
Wingwalls									
Footings									
Not Accessible	100%								

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Walls								
Concrete	100%	2-4	\$236,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Begin And End Abutments								
Settlement, Extent : Moderate, Area Affected : 5%								
Location : Begin Abutment Left Side.								
Spalling, Extent : Light, Area Affected : 20%								
Location : Begin And End Abutments								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Begin Abutment								
Feature Crossed								
Bank Protection								
Concrete	100%	4+	\$13,000	LIFE		* *		
Spalling, Extent : Light, Area Affected : 5%								
Location : North Bank								
Riprap	75%			LIFE		* *		
Riprap	25%	0-2	\$3,600	LIFE		* *		
Erosion, Extent : Moderate, Area Affected : 40%								
Location : Missing Riprap Causing Erosion Of Earth Near Begin Abutment								
Timber	100%			2030		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	80%			LIFE		* *		
Timber	20%	4+	\$18,600	LIFE		* *		
Rotted, Extent : Moderate, Area Affected : 20%								
Location : Piers 1 And 2 Top Of Dolphin Piles.								
Approaches								
Pavement								
Asphalt	100%			2030		* *	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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								
Deck Elements								
Curbs								
Steel	100%			LIFE		**		
Gratings								
Steel	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Grating On Sidewalk Between Truss Members								
Median								
Steel	100%			LIFE		**	4-8	\$41,200
Mono Deck Surface								
Concrete	90%			2045		**	5	\$186,000
Concrete	10%	4+	\$2,400	2045		**	5	\$93,000
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 And 3								
Railings/Parapets								
Steel	33%			LIFE		**	2-8	\$20,700
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Steel Railing And High Fence On Each Side.								
Steel	67%			LIFE		**	2-8	\$20,700
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 And 3								
Explanation : Steel Railing On Each Side.								
Sidewalks								
Grating w/ Concrete	100%			2045		**		
Wearing Surface								
Concrete	90%			2034		**	5	\$84,100
Concrete	10%	4+	\$3,000	2034		**	5	\$42,000
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 And 3								
Steel Grating	90%			LIFE		**	5	\$72,600
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Span 2								
Steel Grating	10%	Now	\$11,300	LIFE		**	5	\$72,600
Broken,Missing Pave, Extent : Moderate, Area Affected : 10%								
Location : Pier 2								

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Superstructure									
Deck,Structural									
Concrete	100%			LIFE	* *	5	\$14,300		
Joints									
Steel	100%			LIFE	* *				
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Pier 2								
	Explanation : Pier 2								
Steel Finger Joints	100%			2053	* *				
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Pier 1								
	Explanation : Pier 1								
Primary Member									
Steel	90%			LIFE	* *	2-8	\$703,700		
Steel	10%	4+	\$971,200	LIFE	* *	2-8	\$703,700		
	Corrosion, Extent : Moderate, Area Affected : 20%								
	Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.								
	Loss of Section, Extent : Moderate, Area Affected : 50%								
	Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.								
Secondary Member									
Steel	100%			LIFE	* *	2-8	\$589,500		
Movable Bridges									
Vertical Lift Span									
Steel	85%			LIFE	* *				
Steel	10%	2-4	\$1,107,700	LIFE	* *				
	Other Observation, Extent : Severe, Area Affected : 15%								
	Location : Span 2								
	Explanation : Random Areas Of Corrosion And Section Loss								
Steel	5%	Now	\$1,107,700	LIFE	* *				
	Other Observation, Extent : Severe, Area Affected : 15%								
	Location : Span 2								
	Explanation : Span 2 Has 17 Flagged Locations.								
Vertical Lift Tower									
Steel	100%			LIFE	* *				
Vertical Lift Pier									
Concrete	80%			LIFE	* *				
Concrete	20%	4+	\$1,113,200	LIFE	* *				
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Piers 1 And 2 Cap Beams								
	Explanation : Cracks And Spalls								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Communication Electrical

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Communication Electrical									
	Communications								
	Generic	100%	Now	\$35,300	2025	\$35,300			
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Entire Bridge					
				Explanation : 100% System Obsolete And Inoperative.					
Control System Electrical									
	Control Console								
	Stainless Steel	100%	Now	\$18,700	LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 20%					
				Location : Bridge Override Switches					
				Explanation : Key Covers To Override Switches Missing. Some Indication Lights Not Functioning					
	Disconnect Switch								
	Generic	100%			2023	\$70,400			
	Limit Switch								
	Generic	100%			2023	\$130,000			
Electrical Power									
	Dist Equip & Motor Controll								
	Generic	100%	Now	\$734,500	2023	\$3,672,700			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Motor Control Center					
				Explanation : Bridge Not Operable Due To Control System Issues.					
Raceway									
	Submarine Control Cables								
	Generic	100%	2-4	\$1,697,800	2030		* *		
				Other Observation, Extent : Moderate, Area Affected : 50%					
				Location : Submarine Cable Cabinets					
				Explanation : No Spares Remaining. Conductors Fail Randomly.					
	Wiring								
	Generic	100%			2023	\$1,636,200			
Traffic System Electrical									
	Traffic Signal								
	Generic	100%	Now	\$34,700	2020	\$173,300			
				Other Observation, Extent : Light, Area Affected : 75%					
				Location : All					
				Explanation : Underground Conduit Damaged Gongs Not Operational.					
Lighting									
	Lighting Devices								
	Generic	100%	Now	\$52,800	2029		* *		
				Other Observation, Extent : Light, Area Affected : 30%					
				Location : West Light Fixture					
				Explanation : The Entire Span Lighting Fixture Is Missing.					

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Buffers								
Generic	100%	Now	\$32,700	2028	\$327,400			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Air Buffers								
Explanation : Some Broken Fittings, One Upper Buffer Is Stuck In Up Position. Upper Buffers Appear To Have Not Worked In Some Time								
Counter Weight Ropes & Gu								
Generic	100%	Now	\$85,000	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Ropes And Guides.								
Explanation : No Operation Observed. North Span Guide Rails Bent. Pigeon Droppings And Accumulated Debris.								
Counter Weight								
Auxiliary CTRWT	100%			2040		* *		
Main CTRWT	100%	0-2	\$83,300	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Tops Of Counterweight								
Explanation : North Tower Not Accessible. Top Of South Tower Has Some Coverage Of Pigeon Droppings And Debris.								
Elevators								
Generic	100%	Now	\$287,600	2028	\$575,100			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : North And South Elevators.								
Explanation : Both Elevators Are Not Operational.								
Emergency Drive								
Emergency Power	100%			2040		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Power								
Explanation : No Operation Observed.								
End Locks								
With Motor	100%	Now	\$91,200	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Span Locks								
Explanation : S E Motor Coupling Not Aligned, Damaged Seals, Missing Shaft End Covers, Corroded Bolts And Motor Feet, Adj Required								

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift Houses								
Access Ways	100%	Now	\$65,000	2028	\$650,500			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : All Areas								
Explanation : Access Ways Are Covered In Pigeon Droppings.								
Control House	100%	Now	\$45,800	2028	\$916,100			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control House								
Explanation : Plumbing Not Working. Broken Window.								
Machinery Room	100%	Now	\$159,300	2040	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : South Machine Room, North Machine Room Not Accessible								
Explanation : South Machine Room - Broken Window And Corner Room Covered In Pigeon Droppings. North Tower Not Accessible								
Main Drive System Generic								
	100%	Now	\$789,100	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : South Machine Room, North Not Accessible								
Explanation : Not Operational. South Tower Sheave Rooms Covered In Pigeon Droppings And One Motor Brake Is Not Functioning.								
Sheaves Generic								
	100%	4+	\$903,600	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : South Machine Room, North Not Accessible								
Explanation : Sheave Rooms Covered In Pigeon Droppings. No Operation Observed. Check During Operation								
Structural Bearings Generic								
	100%	Now	\$37,300	2028	\$186,300			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Southwest								
Explanation : Movement At Live Load Support Under Traffic Loading.								
Traffic Devices Barrier Gate								
	100%	Now	\$830,200	2028	\$1,660,300			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Barrier Gates								
Explanation : South Net Requires Adjustment. North Gate Net Missing. Repairs Required								
Warning Gate	100%	Now	\$373,500	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Warning Gates								
Explanation : All Gates Are Not Functioning, Crash Trucks Are Used Instead. Some Pedestrian Arm Missing.								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

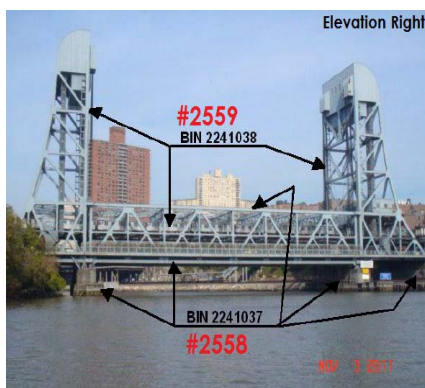
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER
Address : HARLEM RIVER, B'WAY
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0044.080 / 2559 **Yr Built/Renovated** :
Area Sq Ft : 38,100 **Project Type** : WATERWAY BRIDGES
Date of Survey : 22-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240138

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$753,500	\$753,500
Total	\$753,500	\$753,500
Importance Code A	\$376,700	\$376,700
Importance Code B	\$376,700	\$376,700
Total	\$753,500	\$753,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$207,600		\$76,300	
Total	\$207,600		\$76,300	
Importance Code A	\$139,000		\$38,500	
Importance Code B	\$68,600		\$37,800	
Total	\$207,600		\$76,300	



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
BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Asset # : 2559

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Subway Platform							
	Explanation : Steel Corrugated Deck							
Sidewalks								
Concrete	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Subway Waiting Area							
	Explanation : Subway Platform Adjacent To Tracks							
Deck Elements								
Railings/Parapets Steel	100%			LIFE		* *	2-8	\$34,600
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Safety Steel Fence							
Sidewalks								
Fiberglass	100%			2033		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Sides Of The Tracks							
	Explanation : Catwalk							
Superstructure								
Deck,Structural Steel	100%			LIFE		* *	2-8	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Subway Track							
Timber	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Length Of The Bridge							
	Explanation : Railroad Timber Ties							
Primary Member								
Steel	100%			LIFE		* *	2-8	\$1,206,100
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Secondary Member								
Steel	100%			LIFE		* *	2-8	\$1,034,800
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Vertical Lift Tower								
Steel	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Throughout							
	Explanation : Sits On Moveable Bridge- Asset 2558							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY
Address : EASTCHESTER BAY, CITY ISL RD.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0046.000 / 2470 **Yr Built/Renovated** : 1901 /
Area Sq Ft : 29,019 **Project Type** : WATERWAY BRIDGES
Date of Survey : 28-Oct-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240210

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$3,150,800	\$2,001,300
Total	\$3,150,800	\$2,001,300
Importance Code A	\$2,035,100	\$635,000
Importance Code B	\$894,800	\$574,500
Importance Code C	\$220,900	\$791,800
Total	\$3,150,800	\$2,001,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$150,100	\$9,100	\$122,300	\$2,200
Total	\$150,100	\$9,100	\$122,300	\$2,200
Importance Code A	\$45,700		\$64,700	
Importance Code B	\$29,900		\$57,600	
Importance Code C	\$74,500	\$9,100		\$2,200
Total	\$150,100	\$9,100	\$122,300	\$2,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY
Asset # : 2470

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	50%			LIFE		* *		
Steel	50%	4+	\$24,600	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Adjacent To Joints At Both Abutments								
Spalling, Extent : Light, Area Affected : 15%								
Location : Adjacent To Joints At Both Abutments								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : These Repairs Are Specific To The Concrete Header								
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%	4+	\$39,700	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Both Abutments								
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Both Abutments								
Joint Motar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Deteriorated Joint Mortar At Both Abutments								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$62,000	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Abutments								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Joint Motar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : Both Abutments								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY
Asset # : 2470

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
	Other Observation, Extent : Moderate, Area Affected : 2%							
	Location : Random Locations Throughout							
	Explanation : Vegetation							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Timber	100%	4+	\$367,400	LIFE		* *		
	Split/Dry/Cracked, Extent : Light, Area Affected : 50%							
	Location : Center Pier							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Center Pier							
	Explanation : Timber Fender At Center Pier Only							
Approaches								
Pavement								
Asphalt	75%			2026	\$263,300	4	\$4,400	
Asphalt	25%	4+	\$26,300	2026	\$87,800	4	\$4,400	
	Cracks, Extent : Light, Area Affected : 30%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 25%							
	Location : Middle Of East Approach							
	Explanation : Uneven Surface							
Curbs								
Concrete w/ Steel Face	100%	4+	\$10,000	LIFE		* *		
	Corrosion, Extent : Moderate, Area Affected : 50%							
	Location : At Steel Fencing And Random Locations Throughout							
Embankment								
Earth	100%	4+	\$1,100	LIFE		* *		
	Erosion, Extent : Light, Area Affected : 5%							
	Location : Localized							
	Vegetation Growth, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Processed Stone	100%	4+	\$2,000	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : East Approach South Face And West Approach North Face; Vegetation Growth Scattered Throughout							
	Explanation : Misaligned Stones At East Approach South Face And West Approach North Face; Vegetation Growth Scattered Throughout							

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
CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY
Asset # : 2470

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing Concrete	100%	4+	\$1,700	2034	**	4	\$3,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Northeast Side								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Out Of Alignment								
Mat (scour & erosion) Earth	100%			LIFE	**			
Railings/Parapets Steel	100%	4+	\$4,900	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Northwest Side								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Timber	10%	Now	\$6,100	LIFE	**			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Southwest								
Timber	90%			LIFE	**			
Sidewalks Concrete	30%	4+	\$6,800	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	70%			LIFE	**			
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$140,100	
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$2,700	
Footings Masonry	15%	4+	\$5,300	2045	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fourth Footing From The East Abutment								
Explanation : Concrete Spalling								
Masonry	85%			2045	**			

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DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY
Asset # : 2470

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Steel	100%			LIFE		* *		
	Corrosion, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Concrete Encased Steel Piles							
Deck Elements								
Curbs								
Steel	100%	4+	\$23,000	LIFE		* *		
	Corrosion, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
Gratings								
Grating w/ Concrete	100%			2045		* *		
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Center 2 Spans							
	Explanation : Bridge Swing Spans Has 20 Drainage Openings 2 1/2 Feet x 1 Feet Each On Sides Of Bridge							
Railings/Parapets								
Steel	100%	0-2	\$280,900	LIFE		* *	2-8	\$24,200
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location :							
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location :							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Sides Of Bridge							
	Explanation : Chain Link Fence In Front Of Steel Railing							
Sidewalks								
Concrete	90%			2030		* *	5	\$18,200
Concrete	10%	0-2	\$7,000	2030		* *	5	\$9,100
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Local Area Near Fence							
	Explanation : Both Sides Spalled And Cracked							

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DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY
Asset # : 2470

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Asphalt	100%	4+	\$114,800	2026	\$382,700	5	\$13,400	
		Cracks, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Wearing Surface 40 Percent Asphalt							
	Concrete	100%	4+	\$44,200	2034	* *	5	\$58,100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Wearing Surface 60 Percent Concrete							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$22,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible From Underside							
	Grating w/ Concrete	100%			LIFE	* *			
Joints									
	Steel	95%			LIFE	* *			
	Steel	5%	Now	\$31,300	LIFE	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 100%							
		Location : Northwest Side, Split Joint Cover Plate Next To Welding							
Primary Member									
	Steel	45%	4+	\$1,754,200	LIFE	* *	2-8	\$536,500	
		Corrosion, Extent : Severe, Area Affected : 20%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both Sides, Entire Span							
		Explanation : Top Of Girder Is Acting As Barrier, Remaining Part Of Girder Is Not Accessible							
	Steel	55%			LIFE	* *	2-8	\$536,500	

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** 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)	
Superstructure	Secondary Member							
	Steel	15%	4+	\$201,800	LIFE	* *	2-8	\$449,400
		Corrosion, Extent : Severe, Area Affected : 100%						
		Location : Adjacent To South Sidewalk						
	Steel	85%	4+	\$285,900	LIFE	* *	2-8	\$449,400
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Below Deck						
		Corrosion, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Below Deck						
		Loss of Section, Extent : Moderate, Area Affected : 2%						
		Location : Random Locations Below Deck						
		Other Observation, Extent : Light, Area Affected : 10%						
		Location : Random Locations Below Deck						
		Explanation : Medium To Severe Corrosion On Eyebars And Connections With Broken/ Missing Elements						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Address : BOSTON RD X-ING HUTCH RIVER
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0015.090 / 4317 **Yr Built/Renovated** : 1965 /
Area Sq Ft : 95,683 **Project Type** : WATERWAY BRIDGES
Date of Survey : 08-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2229579

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,578,600	\$5,796,500
Total	\$2,578,600	\$5,796,500
Importance Code A	\$1,513,600	\$2,180,900
Importance Code B	\$695,400	\$1,894,100
Importance Code C	\$369,600	\$1,721,500
Total	\$2,578,600	\$5,796,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$180,500	\$50,600	\$406,000	\$17,100
Total	\$180,500	\$50,600	\$406,000	\$17,100
Importance Code A	\$60,200		\$193,100	
Importance Code B	\$65,800		\$190,000	
Importance Code C	\$54,500	\$50,600	\$23,000	\$17,100
Total	\$180,500	\$50,600	\$406,000	\$17,100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$1,900	LIFE		* *		
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Backwall								
Concrete	80%			LIFE		* *		
Concrete	20%	4+	\$10,000	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	90%			LIFE		* *		
Steel	10%	4+	\$13,600	LIFE		* *		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	80%			LIFE		* *		
Generic	20%	4+	\$8,500	LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Joint Filler Depressed								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Stem (breastwall)								
Concrete	80%			LIFE		* *		
Concrete	20%	4+	\$28,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER

Asset # : 4317

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Wingwalls									
Walls									
Concrete	85%			LIFE		**			
Concrete	15%	4+	\$69,200	LIFE		**			
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Exposed Reinforcement, Extent : Light, Area Affected : 1%									
Location : Southeast Wingwall									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Explanation : Paint Peeling									
Feature Crossed									
Bank Protection									
Sheet Piling	100%			LIFE		**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Both Embankments									
Explanation : Timber Rub Rail Is On The Face Of The Sheet Piling									
Mat (scour & erosion)									
Generic	100%			LIFE		**			
Approaches									
Pavement									
Asphalt	80%			2028	\$1,377,200	4	\$31,400		
Asphalt	20%	2-4	\$68,900	2028	\$344,300	4	\$20,900		
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Concrete	85%			2036		**	\$120,200		
Concrete	15%	2-4	\$38,700	2036		**	\$80,200		
Settlement, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Curbs									
Concrete w/ Steel Face	90%			LIFE		**			
Concrete w/ Steel Face	10%	4+	\$3,000	LIFE		**			
Corrosion, Extent : Light, Area Affected : 5%									
Location : At Surface									
Rust Stains, Extent : Severe, Area Affected : 75%									
Location : At Surface									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	95%			LIFE	**	5	\$5,900	
Concrete	5%	4+	\$3,100	LIFE	**	5	\$5,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Steel	95%			LIFE	**			
Steel	5%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling And Rust Stains								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	90%			LIFE	**			
Steel	10%	4+	\$8,600	LIFE	**			
Corrosion, Extent : Light, Area Affected : 10%								
Location : At Surface								
Sidewalks								
Concrete	85%			LIFE	**			
Concrete	15%	4+	\$8,000	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%								
Location : At Surface								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	85%			LIFE	**			
Concrete	15%	4+	\$521,800	LIFE	**			
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : At Surface								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Steel Wire Mesh Placed At Spalls Areas								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$444,600	LIFE		**		
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	95%			LIFE		**		
Concrete	5%	4+	\$28,800	LIFE		**		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	70%			LIFE		**		
Concrete w/ Steel Face	30%	4+	\$21,900	LIFE		**		
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Moderate, Area Affected : 15%								
Location : At Surface								
Median								
Concrete	95%			LIFE		**	5	\$15,100
Concrete	5%	4+	\$8,000	LIFE		**	5	\$15,100
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Steel	95%			LIFE		**	4-8	\$122,600
Steel	5%			LIFE		**	4-8	\$122,600
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling And Rust Stain								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$86,700

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Sidewalks									
Concrete	70%			2032	**	5	\$34,300		
Concrete	30%	4+	\$78,900	2032	**	5	\$17,100		
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : At Surface									
Wearing Surface									
Concrete	90%			2036	**	5	\$46,000		
Recent Repair Evident, Extent : Light, Area Affected : 2%									
Location : Northbound Lane									
Concrete	10%	4+	\$8,700	2036	**	5	\$23,000		
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Scupper									
Cast Iron	100%	4+	\$113,900	LIFE	**				
Drains Clogged, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : 18 Scuppers									
Superstructure									
Deck,Structural									
Concrete	85%			LIFE	**	5	\$105,300		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Underside Of Deck									
Explanation : Stay In Place Forms Throughout The Underside Of The Deck									
Concrete	15%	4+	\$141,500	LIFE	**	5	\$105,300		
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Stay In Place Form Under Deck									
Explanation : Corrosion And Deformation									
Joints									
Generic	75%			LIFE	**				
Generic	25%	4+	\$27,800	LIFE	**				
Loose Elements, Extent : Moderate, Area Affected : 25%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Explanation : Joint Filler Depressed And Filled With Debris									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure		Current Repair			Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Superstructure										
Primary Member										
	Steel	93%			LIFE	* *	2-8	\$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	7%	4+	\$850,300	LIFE	* *	2-8	\$1,768,900		
<i>Corrosion, Extent : Light, Area Affected : 15%</i>										
<i>Location : At Surface</i>										
Secondary Member										
	Steel	95%			LIFE	* *	2-8	\$1,481,800		
	Steel	5%	4+	\$250,700	LIFE	* *	2-8	\$1,481,800		
<i>Corrosion, Extent : Light, Area Affected : 15%</i>										
<i>Location : At Surface</i>										

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER
Address : BRUCKNER EXPWY N.B. BRONX RIVER
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0004.020 / 2916 **Yr Built/Renovated** : 1952 /
Area Sq Ft : 22,300 **Project Type** : WATERWAY BRIDGES
Date of Survey : 19-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2066672

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$315,200
Total		\$315,200
Importance Code A		\$94,500
Importance Code B		\$220,700
Total		\$315,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$2,300	\$15,800	\$56,100	\$1,900
Total	\$2,300	\$15,800	\$56,100	\$1,900
Importance Code A		\$1,200	\$9,800	
Importance Code B			\$22,100	
Importance Code C	\$2,300	\$14,600	\$24,100	\$1,900
Total	\$2,300	\$15,800	\$56,100	\$1,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER
Asset # : 2916

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		* *		
Approaches								
Pavement								
Concrete	100%			2036		* *	4	\$43,700
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Northbound Side								
Explanation : Patching								
Curbs								
Concrete	100%			LIFE		* *		
Concrete w/ Steel Face	100%			LIFE		* *		
Embankment								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER
Asset # : 2916

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5		
			Spalling, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$1,100	LIFE	**			
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$2,000	
			Spalling, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout					
Railings/Parapets								
Concrete	100%			2036	**	4	\$3,600	
Masonry	100%			2036	**	5		
Steel	100%			LIFE	**	2-8	\$9,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER
Asset # : 2916

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Asphalt	100%			2025		4		
Concrete	90%			2032	* *	5	\$3,900	
Concrete	10%	4+	\$1,100	2032	* *	5	\$1,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2036	* *	5	\$48,200	
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Deck								
Explanation : 3 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Spans 1, 2 And 4 - 8								
Explanation : Not Accessible								
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$176,600	
Not Accessible	100%							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$345,300	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER
Address : BRUCKNER EXPWY S.B. BRONX RIVER
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0004.010 / 2915 **Yr Built/Renovated** : 1952 /
Area Sq Ft : 12,400 **Project Type** : WATERWAY BRIDGES
Date of Survey : 19-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2066671

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$217,700
Total		\$217,700
Importance Code A		\$95,000
Importance Code B		\$122,700
Total		\$217,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$1,200	\$15,100	\$34,100	\$700
Total	\$1,200	\$15,100	\$34,100	\$700
Importance Code A		\$500	\$10,500	
Importance Code B			\$12,300	
Importance Code C	\$1,200	\$14,600	\$11,200	\$700
Total	\$1,200	\$15,100	\$34,100	\$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
EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER
Asset # : 2915

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2036		**	4	\$43,700
Curbs								
Concrete	100%			LIFE		**		
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER
Asset # : 2915

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$900	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Throughout								
Explanation : With Steel Facing								
Railings/Parapets								
Concrete	100%			2036	**	4	\$1,600	
Masonry	100%			2036	**	5	\$1,700	
Steel	100%			LIFE	**	2-8	\$3,700	
Sidewalks								
Asphalt	100%			2025		4		
Concrete	90%			2032	**	5	\$1,300	
Concrete	10%	4+	\$1,200	2032	**	5	\$700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2036	**	5	\$22,500	
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER
Asset # : 2915

Bridge Structure		Current Repair		Future Replacement		Maintenance		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	\$4,400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Spans 1 And 3</i> <i>Explanation : Not Accessible On Spans 1 And 3</i>							
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$177,500	
	<i>Other Observation, Extent : Light, Area Affected : 30%</i> <i>Location : At Spans 1 And 3</i> <i>Explanation : Not Accessible</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER
Address : NORTHERN BLVD. X-ING FLUSH. RIV.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0001.020 / 2560 **Yr Built/Renovated** :
Area Sq Ft : 78,894 **Project Type** : WATERWAY BRIDGES
Date of Survey : 18-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2055802

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,282,900	\$2,827,700
Total	\$2,282,900	\$2,827,700
Importance Code A	\$925,500	\$1,017,600
Importance Code B	\$1,357,400	\$1,176,800
Importance Code C		\$633,300
Total	\$2,282,900	\$2,827,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$636,900		\$229,500	
Total	\$636,900		\$229,500	
Importance Code A	\$282,300		\$98,500	
Importance Code B	\$330,300		\$118,000	
Importance Code C	\$24,300		\$13,000	
Total	\$636,900		\$229,500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2560

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Bridge Seat&pedestals									
Concrete	100%			LIFE		* *			
Backwall									
Concrete	100%			LIFE		* *			
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE		* *			
Footings									
Not Accessible	100%								
Joint with Deck									
Generic	100%			LIFE		* *			
Mat (scour & erosion)									
Not Accessible	100%								
Pedestals									
Concrete	100%			LIFE		* *			
Stem (breastwall)									
Concrete	95%			LIFE		* *			
Concrete	5%	4+	\$13,700	LIFE		* *			
Cracks, Extent : Light, Area Affected : 10%									
Location : Both Abutments									
Wingwalls									
Footings									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Walls									
Concrete	90%			LIFE		* *			
Concrete	10%	4+	\$5,800	LIFE		* *			
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Feature Crossed									
Bank Protection									
Concrete	100%			LIFE		* *			
Mat (scour & erosion)									
Not Accessible	100%								
Pier Protection									
Timber	78%	Now	\$248,400	LIFE		* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : East And West Sides									
Other Observation, Extent : Severe, Area Affected : 50%									
Location : East And West Sides									
Explanation : Worn									
Timber	22%			LIFE		* *			
Approaches									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2560

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	95%			2029	**	4	\$5,400	
Asphalt	5%	4+	\$4,200	2029	**	4	\$5,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Pavement Consists Of 40 Percent Concrete And 60 Percent Asphalt								
Concrete	100%			2037	**	4	\$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Pavement Consists Of 40 Percent Concrete And 60 Percent Asphalt								
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%			2037	**	4	\$11,400	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2037	**	4		
Piers								
Cap Beam								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$130,300	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Scattered Throughout								
Delaminations, Extent : Moderate, Area Affected : 30%								
Location : Scattered Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	90%			LIFE	**	2-8	\$871,500	
Steel	10%	4+	\$89,800	LIFE	**	2-8	\$520,900	
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Scattered Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2560

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$77,300	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Scattered Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Scattered Throughout								
Steel	90%			LIFE	**	2-8	\$934,000	
Steel	10%	4+	\$52,800	LIFE	**	2-8	\$569,900	
Rust Stains, Extent : Light, Area Affected : 15%								
Location :								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Exfoliation Of Weathering Steel								
Stem,Solid Pier								
Concrete	97%			LIFE	**			
Concrete	3%	4+	\$8,400	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%								
Location : East And West Ends								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	**			
Steel	100%			LIFE	**	2-8	\$101,800	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2041	**			
Mono Deck Surface								
Concrete	95%			2048	**	5	\$316,700	
Concrete	5%			2048	**	5	\$316,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Both Ends								
Spalling, Extent : Light, Area Affected : 10%								
Location : At Both Ends								
Railings/Parapets								
Concrete	100%			2037	**	4	\$15,600	
Steel	100%			LIFE	**	2-8	\$15,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Median								
Explanation : Steel Fence								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2560

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Scupper								
Ductile Iron	100%			LIFE		* *		
Superstructure								
Deck,Structural								
Concrete	95%			LIFE		* *	5	\$173,700
Concrete	5%	4+	\$13,900	LIFE		* *	5	\$86,800
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 4%								
Location : Throughout Structure								
Joints								
Generic	100%	4+	\$14,300	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			LIFE		* *	2-8	\$1,174,900
Secondary Member								
Steel	100%			LIFE		* *	2-8	\$2,144,800

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER
Address : NORTHERN BLVD. X-ING FLUSH. RIV.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0001.010 / 2665 **Yr Built/Renovated** :
Area Sq Ft : 71,900 **Project Type** : WATERWAY BRIDGES
Date of Survey : 18-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2055801

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,506,700	\$3,472,100
Total	\$2,506,700	\$3,472,100
Importance Code A	\$1,061,100	\$1,210,900
Importance Code B	\$1,293,700	\$1,740,000
Importance Code C	\$151,800	\$521,200
Total	\$2,506,700	\$3,472,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$712,500		\$283,900	
Total	\$712,500		\$283,900	
Importance Code A	\$384,500		\$108,100	
Importance Code B	\$307,000		\$174,500	
Importance Code C	\$21,000		\$1,300	
Total	\$712,500		\$283,900	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2665

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		* *		
Backwall								
Concrete	98%			LIFE		* *		
Concrete	2%	4+	\$3,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	95%			LIFE		* *		
Generic	5%	4+	\$20,500	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Begin Approach								
Explanation : Missing Cover Plate								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	95%			LIFE		* *		
Concrete	5%	4+	\$7,400	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	2%	4+	\$9,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Northwest Face At Begin Abutment								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Northwest Face At End Abutment								
Concrete	98%			LIFE		* *		
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2665

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	85%	Now	\$249,800	LIFE	**			
	Broken/Missing Elements, Extent : Severe, Area Affected : 50%							
	Location : Both Fender System							
	Rotted, Extent : Severe, Area Affected : 50%							
	Location : Both Fender System							
Timber	15%			LIFE	**			
Approaches								
Pavement								
Asphalt	95%			2029	**	4	\$2,700	
Asphalt	5%	4+	\$6,400	2029	**	4	\$2,700	
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Concrete	100%			2037	**	4		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Approaches							
	Explanation : Approaches: 20 Percent Concrete; 80 Percent Asphalt							
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%			2037	**	4	\$2,900	
Steel	100%			LIFE	**	2-8		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2037	**	4		
Sidewalks								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$2,200	LIFE	**			
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Scattered Throughout							

Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2665

Bridge Structure		Current Repair		Future Replacement		Maintenance				
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Piers										
Cap Beam	Concrete	90%			LIFE	**				
	Concrete	10%	2-4	\$40,700	LIFE	**				
	Cracks, Extent : Light, Area Affected : 10%									
	Location : East Abutment									
	Spalling, Extent : Light, Area Affected : 5%									
	Location : East Abutment									
	Steel	90%			LIFE	**	2-8	\$715,900		
	Steel	10%	4+	\$73,800	LIFE	**	2-8	\$427,900		
	Corrosion, Extent : Moderate, Area Affected : 80%									
	Location : Random Locations Throughout									
	Other Observation, Extent : Moderate, Area Affected : 80%									
	Location : Random Locations Throughout									
	Explanation : Exfoliating Weathering Steel									
	Pier,Columns									
	Concrete	Concrete	10%	4+	\$80,700	LIFE	**			
Cracks, Extent : Light, Area Affected : 10%										
Location : Scattered Throughout										
Spalling, Extent : Light, Area Affected : 5%										
Location : Scattered Throughout										
Concrete		90%			LIFE	**				
Steel		90%			LIFE	**	2-8	\$747,200		
Steel		10%	4+	\$42,300	LIFE	**	2-8	\$455,900		
Corrosion, Extent : Light, Area Affected : 15%										
Location : Throughout										
Other Observation, Extent : Moderate, Area Affected : 30%										
Location : Random Locations Throughout										
Explanation : Weathering										
Stem,Solid Pier										
Concrete		Concrete	90%			LIFE	**			
	Concrete	10%	4+	\$50,900	LIFE	**				
	Cracks, Extent : Light, Area Affected : 5%									
Location : Throughout										
Brngs,Ancr Blts,Pads										
Elastomeric	Elastomeric	100%			2048	**				
	Steel	100%			LIFE	**	2-8	\$107,200		
Footings										
Not Accessible	Not Accessible	100%								
Mat (scour & erosion)										
Not Accessible	Not Accessible	100%								
Pedestals										
Concrete	Concrete	100%			LIFE	**				
Piles										
Not Accessible	Not Accessible	100%								
Deck Elements										
Guide Railing	Guide Railing									
Concrete	Concrete	100%			2041	**				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2665

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Median									
	Concrete	100%			LIFE	**	5	\$22,600	
Mono Deck Surface									
	Concrete	90%			2048	**	5	\$347,500	
	Concrete	10%	4+	\$48,200	2048	**	5	\$173,700	
Cracks, Extent : Light, Area Affected : 10%									
Location : Scattered Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : At Both Ends									
Railings/Parapets									
	Steel	100%			LIFE	**	2-8	\$50,600	
Sidewalks									
	Concrete	100%			2033	**	5	\$14,900	
Scupper									
	Ductile Iron	100%			LIFE	**			
Superstructure									
Deck,Structural									
	Concrete	5%	4+	\$17,100	LIFE	**	5	\$79,100	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Spalling, Extent : Moderate, Area Affected : 80%									
Location : Random Locations Throughout									
Other Observation, Extent : Moderate, Area Affected : 80%									
Location : Random Locations Throughout									
Explanation : Exposed Steel Reinforcement									
	Concrete	95%			LIFE	**	5	\$158,300	
Joints									
	Generic	60%			LIFE	**			
	Generic	40%	2-4	\$103,700	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : End Abutment And Throughout Structure									
Misaligned/Bulging, Extent : Light, Area Affected : 10%									
Location : Throughout									
Primary Member									
	Steel	99%			LIFE	**	2-8	\$1,048,000	
	Steel	1%			LIFE	**	2-8	\$1,048,000	
Rust Stains, Extent : Light, Area Affected : 100%									
Location : Random Locations Throughout									
Secondary Member									
	Steel	95%			LIFE	**	2-8	\$1,954,700	
	Steel	5%	4+	\$16,700	LIFE	**	2-8	\$1,113,500	
Rust Stains, Extent : Light, Area Affected : 15%									
Location : Scattered Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Address : BELT SHORE PKWAY(BSP)
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0021.000 / 2452 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 46,446 **Project Type** : WATERWAY BRIDGES
Date of Survey : 31-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231450

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$255,400	\$114,800
Total	\$255,400	\$114,800
Importance Code A	\$51,100	\$63,400
Importance Code B	\$204,300	
Importance Code C		\$51,500
Total	\$255,400	\$114,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$217,900		\$7,900	
Total	\$217,900		\$7,900	
Importance Code A	\$80,500		\$2,500	
Importance Code B	\$30,300			
Importance Code C	\$107,100		\$5,400	
Total	\$217,900		\$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.
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DEPARTMENT OF TRANSPORTATION - 841
GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Asset # : 2452

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Throughout						
			Explanation : Replacement Bridge Under Construction						
Backwall									
	Not Accessible	100%							
Brngs,Ancr Blts,Pads									
	Not Accessible	100%							
Footings									
	Not Accessible	100%							
Joint with Deck									
	Generic	74%	2-4	\$30,300	LIFE		* *		
			Other Observation, Extent : Severe, Area Affected : 50%						
			Location : Original Eastbound Structure. Structure Will Be Replaced Soon.						
			Explanation : Joint Is Paved Over						
	Generic	26%			LIFE		* *		
Mat (scour & erosion)									
	Not Accessible	100%							
Pedestals									
	Not Accessible	100%							
Stem (breastwall)									
	Not Accessible	100%							
Wingwalls									
	Footings								
	Not Accessible	100%							
Mat (scour & erosion)									
	Not Accessible	100%							
Piles									
	Not Accessible	100%							
Walls									
	Not Accessible	100%							
Feature Crossed									
	Bank Protection								
	Not Accessible	100%							
Mat (scour & erosion)									
	Stream Bed	100%			LIFE		* *		
Pier Protection									
	Not Accessible	100%							
Approaches									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Asset # : 2452

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	60%	2-4	\$10,200	2029	* *	4	\$10,700	
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Eastbound Bridge							
	Settlement, Extent : Moderate, Area Affected : 20%							
	Location : Eastbound Bridge							
	Spalling, Extent : Light, Area Affected : 3%							
	Location : Eastbound Bridge							
	Other Observation, Extent : Light, Area Affected : 8%							
	Location : Eastbound Bridge							
	Explanation : Raveling Pavement							
Asphalt	40%			2029	* *	4	\$10,700	
Concrete	100%			2041	* *	4		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Westbound Bridge Is New							
	Explanation : New Bridge							
Curbs								
Concrete	100%	2-4	\$15,500	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Eastbound Bridge							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Eastbound Bridge							
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	100%	4+	\$6,200	2031	* *	4	\$5,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Westbound							
	Explanation : Westbound Bridge							
Steel	100%	2-4	\$3,900	LIFE	* *	2-8	\$5,800	
	Damaged Railing, Extent : Light, Area Affected : 3%							
	Location : Random							
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Various Locations							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Eastbound							
	Explanation : Eastbound Bridge							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Asset # : 2452

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%	4+	\$2,900	2029	**	4	\$1,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Various Locations - Eastbound								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations - Eastbound								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Eastbound								
Explanation : Eastbound Bridge								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Concrete	26%	4+	\$204,300	LIFE	**			
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random - Eastbound								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Explanation : Spalling With Exposed Reinforcement								
Concrete	74%			LIFE	**			
Not Accessible	100%							
Footings								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	98%			2048	**			
Concrete	2%	Now	\$14,900	2048	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Eastbound Bridge								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Eastbound Bridge								
Spalling, Extent : Light, Area Affected : 15%								
Location : Eastbound Bridge								
Guide Railing								
Steel	90%			LIFE	**			
Steel	10%	4+	\$4,700	LIFE	**			
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Various Locations								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Asset # : 2452

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Median									
Steel	90%			LIFE	* *	4-8	\$50,300		
Steel	10%	4+	\$4,600	LIFE	* *	4-8	\$31,500		
Rust Stains, Extent : Light, Area Affected : 20%									
Location : Random									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : The Condition Of The Center Through Is Recorded In Superstructure Under Primary Member									
Railings/Parapets									
Concrete	90%			2037	* *	4	\$4,700		
Concrete	10%	4+	\$11,900	2037	* *	4	\$4,700		
Cracks, Extent : Light, Area Affected : 10%									
Location : Eastbound Bridge									
Exposed Reinforcement, Extent : Light, Area Affected : 10%									
Location : Eastbound Bridge									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Eastbound Bridge									
Sidewalks									
Concrete	75%			2033	* *	5	\$25,300		
Concrete	25%	Now	\$9,700	2033	* *	5	\$12,700		
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Eastbound Bridge									
Spalling, Extent : Moderate, Area Affected : 25%									
Location : Eastbound Bridge									
Vegetation Growth, Extent : Light, Area Affected : 15%									
Location : Eastbound Bridge									
Wearing Surface									
Asphalt	80%			2029	* *	5	\$51,500		
Asphalt	20%	2-4	\$29,500	2029	* *	5	\$25,700		
Cracks, Extent : Light, Area Affected : 15%									
Location : Eastbound									
Settlement, Extent : Moderate, Area Affected : 20%									
Location : Eastbound									
Concrete	100%			2041	* *	5			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Eastbound									
Explanation : Eastbound Bridge									

Superstructure

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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
GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Asset # : 2452

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	* *	5	\$102,200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Westbound</i>							
	<i>Explanation : Westbound Bridge</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Eastbound Bridge</i>							
	<i>Explanation : Eastbound Bridge</i>							
Joints								
Generic	75%	0-2	\$29,200	LIFE	* *			
	<i>Loose Joint Plates, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Eastbound Bridge</i>							
Generic	25%			LIFE	* *			
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Address : GARDNER AVENUE BROOKLYN 47TH STREET QUEENS
Borough : BROOKLYN:QNS. **Agency's Number** : N/A
Program / Asset # : DOT0150.000 / 13513 **Yr Built/Renovated** : 1903 /
Area Sq Ft : 5,100 **Project Type** : WATERWAY BRIDGES
Date of Survey : 26-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240390

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,315,300	\$313,900
Bridge Electrical	\$1,271,700	
Bridge Mechanical	\$344,400	\$1,987,500
Total	\$2,931,300	\$2,301,400
Importance Code A	\$1,026,500	
Importance Code B	\$1,904,800	\$1,987,500
Importance Code C		\$313,900
Total	\$2,931,300	\$2,301,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$36,200	\$5,200	\$200	
Bridge Electrical	\$38,400			\$10,900
Bridge Mechanical	\$51,800			
Total	\$126,300	\$5,200	\$200	\$10,900
Importance Code A			\$200	
Importance Code B	\$90,200			\$10,900
Importance Code C	\$36,200	\$5,200		
Total	\$126,300	\$5,200	\$200	\$10,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Granite	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Steel	100%	Now	\$64,400	LIFE		* *		
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Beginning And End Abutments, North Side Bearings Missing 1 To 2 Anchor Bolts.								
Loose Fastenings, Extent : Severe, Area Affected : 100%								
Location : All 4 Bearings Have Loose Anchor Bolt Nuts.								
Footings								
Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : End Abutment South Side								
Explanation : Bridge Side Raised 1.5 Inches Higher Than The South Sidewalk								
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Masonry: Granite	10%	4+	\$128,600	LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Beginning And End Abutments								
Explanation : Masonry Pointing Needed								
Masonry: Granite	90%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Granite	100%			LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Beginning And End Abutments								
Explanation : Masonry Pointing Needed								
Feature Crossed								
Bank Protection Concrete	100%			LIFE		* *		
Riprap	100%	4+	\$24,900	LIFE		* *		
Erosion, Extent : Moderate, Area Affected : 15%								
Location : Begin North Side								
Timber	100%			2024				
Mat (scour & erosion) Not Accessible	100%							

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Feature Crossed

Pier Protection

Timber	80%			LIFE		**			
Timber	20%	Now	\$160,100	LIFE		**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Swing Span Pivot Pier</i>									
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Swing Span Pivot Pier</i>									

Approaches

Pavement

Asphalt	100%			2028	\$313,900	4	\$15,700		
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Curbs

Concrete w/ Steel Face	100%			LIFE		**			
Granite	100%			LIFE		**			

Guide Railing

Steel	100%			LIFE		**	2-8	\$7,500	
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Sidewalks

Concrete	80%			LIFE		**			
Concrete	20%	4+	\$11,300	LIFE		**			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Begin North And South Sidewalks</i>									
<i>Spalling, Extent : Light, Area Affected : 20%</i>									
<i>Location : Begin North Sidewalk</i>									

Movable Bridges

Swing Span Truss

Steel	10%	4+	\$240,500	LIFE		**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Swing Spans 1 And 2</i>									
<i>Explanation : Structural Steel Exhibits Section Loss And Corrosion In Localized Areas.</i>									
Steel	20%	0-2	\$721,600	LIFE		**			
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>									
<i>Location : Swing Spans 1 And 2</i>									
<i>Explanation : Section Loss And Corrosion On Primary And Secondary Members. Sidewalks Severely Deteriorated.</i>									
Steel	70%			LIFE		**			

Swing Span Pivot Pier

Concrete	100%			LIFE		**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Swing Span Pivot Pier</i>									
<i>Explanation : Masonry Pointing Needed</i>									

Bridge Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

Communications

Generic	100%			2019	\$11,800				
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF TRANSPORTATION - 841
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE		* *		
Disconnect Switch								
Generic	100%			2022	\$10,900			
Limit Switch								
Rotary	100%			2019				
Generic	100%	2-4	\$20,000	2044		* *		
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Brake Limit Switches								
Explanation : Brake Limit Switch Covers Corroded And Leaving Interior Components Exposed								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%			2022	\$193,600			
Raceway								
Submarine Control Cables								
Generic	100%			2019	\$322,600			
Wiring								
Generic	100%			2019	\$509,900			
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$41,400	2019	\$138,200			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : East Approach, North Stoplight Missing								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Flashers Mounted On Structure								
Explanation : Gongs Inoperative On Vehicular Gates								
Lighting								
Lighting Devices								
Generic	80%	Now	\$6,600	2019	\$65,900			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roadway Lighting								
Explanation : One Fixture Inoperative								
Generic	20%			2029		* *		

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch								
Generic	100%	Now	\$10,900	2027	\$109,400			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Center Latch								
Explanation : Components Are Corroded And Need Manual Assistance For Operation.								
Center Pivot								
Generic	100%			2027	\$1,110,800			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
End Lift								
Generic	100%	Now	\$72,000	2027	\$239,900			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : End Lifts								
Explanation : Roller Assemblies And Cranks Are In Differing Positions. Brakes Require Repair.								
Houses								
Access Ways	100%	Now	\$29,300	2039		* *		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Center Pivot Pier And End Lift Accessways								
Explanation : Some Center Pivot Deck Boards Need To Be Repaired. Grating At End Lifts Is Severely Corroded.								
Control House	100%	Now	\$79,900	2064		* *		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Control And Bridge House								
Explanation : The Bridge House Is At The End Of Its Useful Life. The Bridge House And Control House Require Repairs.								
Main Drive System								
Generic	100%	Now	\$44,300	2027	\$443,000			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Operating Machinery								
Explanation : Some Oil Leakage. Brakes Are Not Functioning, Repairs Needed.								
Rack								
Generic	100%			LIFE		* *		
Structural Bearings								
Generic	100%	Now	\$5,300	2020	\$106,000			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Raceways, Roller Nest And Bases								
Explanation : Components Are Nearing The End Of Their Useful Life. Some Broken Anchor Bolts.								
Traffic Devices								
Barrier Gate	100%	Now	\$6,300	2033		* *		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Barrier Gates								
Explanation : Gates Do Not Lock In Roadway In Closed Position. Some Missing Hardware.								
Warning Gate	100%	Now	\$42,200	2027	\$84,400			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Warning Gates								
Explanation : Some Missing Gate Arms. Gates Are Nearing The End Of Their Useful Life.								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Address : NEW TOWN CREEK, LIRR
Borough : BROOKLYN:QNS. **Agency's Number** : N/A
Program / Asset # : DOT0047.000 / 2500 **Yr Built/Renovated** : 1927 /
Area Sq Ft : 76,106 **Project Type** : WATERWAY BRIDGES
Date of Survey : 23-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240370

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$169,200	\$1,893,600
Bridge Electrical		\$1,142,200
Bridge Mechanical	\$592,100	\$914,200
Total	\$761,300	\$3,949,900
Importance Code A		\$904,800
Importance Code B	\$592,100	\$2,875,900
Importance Code C	\$169,200	\$169,200
Total	\$761,300	\$3,949,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$82,500		\$171,300	
Bridge Electrical	\$52,800	\$7,200	\$7,200	\$20,100
Bridge Mechanical	\$101,500		\$71,800	
Total	\$236,900	\$7,200	\$250,300	\$20,100
Importance Code A	\$15,200		\$85,600	
Importance Code B	\$177,600	\$7,200	\$161,200	\$20,100
Importance Code C	\$44,000		\$3,600	
Total	\$236,900	\$7,200	\$250,300	\$20,100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$23,300	LIFE		* *		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5% Location : End Abutment 2 Feet Of Armor Missing From Joint Leakage, Extent : Moderate, Area Affected : 10% Location : Beginning And End Abutments								
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		* *		
Feature Crossed								
Bank Protection Sheet Piling	100%			LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 15% Location : Approximately 40 Feet To The North Side Of The Bridge Explanation : Steel Bulkhead Damaged For 25ft								
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Timber	100%			LIFE		* *		
Rotted, Extent : Light, Area Affected : 1% Location : Starting On The Tops Of Dolphin Piles At Bascule Piers 5 And 6 Split/Dry/Cracked, Extent : Light, Area Affected : 1% Location : Random Locations On Bascule Piers 5 And 6								
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Pavement	Asphalt	100%			2029	**	4	\$7,100	
		Settlement, Extent : Light, Area Affected : 2%							
		Location : Beginning And End Approaches							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Beginning And End Approaches							
	Concrete	100%	2-4	\$15,900	2039	**	4	\$26,100	
		Spalling, Extent : Moderate, Area Affected : 2%							
		Location : Beginning Approach							
Curbs									
	Concrete w/ Steel Face	100%	4+	\$15,200	LIFE	**			
		Corrosion, Extent : Light, Area Affected : 30%							
		Location : Both Sides Of The Beginning And End Approaches							
Guide Railing									
	Steel	100%			LIFE	**	2-8		
Pavement Base									
	Not Accessible	100%							
Sidewalks									
	Concrete	100%			LIFE	**			
Piers									
Cap Beam	Concrete	100%			LIFE	**			
	Steel	100%			LIFE	**	2-8		
Pier,Columns									
	Concrete	100%			LIFE	**			
Stem,Solid Pier									
	Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads									
	Steel	100%			LIFE	**	2-8	\$29,500	
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Not Accessible	100%							
Pedestals									
	Concrete	100%			LIFE	**			
Deck Elements									
Curbs	Concrete w/ Steel Face	100%			LIFE	**			
		Corrosion, Extent : Light, Area Affected : 30%							
		Location : Spans 1 - 5 And 7 - 12							
Railings/Parapets									
	Steel	100%			LIFE	**	2-8	\$58,600	
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Spans 1 - 5 And 7 - 12							
		Explanation : Spans With Railings.							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2034	**	5	\$38,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 5 And 7 - 12								
Explanation : Only Spans 1 - 5 And 7 - 12								
Wearing Surface								
Concrete	100%			2039	**	5	\$338,400	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$66,000	
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Span 3								
Explanation : 3 Sft Stay In Place Form Is Corroded.								
Joints								
Generic	100%	2-4	\$8,800	LIFE	**			
Leakage, Extent : Moderate, Area Affected : 2%								
Location : Pier 10								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 2%								
Location : Pier 4 Armored Joint At North Curb Damaged								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Spans 3, 4, 7 And 10								
Explanation : Joints Filled With Dirt.								
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,530,700	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,282,300	
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Bascule Span 6								
Explanation : Sidewalk And Roadway Wearing Surface Is New								
Bascule Span Pier								
Concrete	100%			LIFE	**			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Bascule Span Piers 5 And 6								
Explanation : Base Of Trunnion Tower Columns Exhibit Corrosion,								

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

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DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	\$14,700	2024	\$14,700			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Entire Bridge								
Explanation : Intercom Not Functioning								
Telephone								
Desk Top	100%			2023				
Control System Electrical								
Control Console								
Stainless Steel	100%	4+	\$9,400	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Knob On Power Feeder Selector Broken								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Control Desk								
Explanation : Power Feeder Knob Broken, Indicating Lights								
Control Devices								
Relay	100%	Now	\$7,600	2029	**			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Motor Drives								
Explanation : Meters Show Current Surge During Operation Of Drives								
Disconnect Switch								
Non Fused	100%			2037	**	1	\$35,900	
Limit Switch								
Generic	100%			2037	**			
Local Starter								
Magnetic	100%			2037	**			
Drive								
Machinery Brake								
Thruster	100%			2050	**	1	\$1,100	
Motor Brake								
Thruster	100%			2044	**	1	\$1,100	
Span Lock Motor								
Generic	100%			2044	**	1	\$1,100	
Electrical Power								
MCC								
Contactors	100%			2037	**			
Panelboard								
Circuit Breaker	100%			2041	**	1	\$6,700	
Service Equipment								
Not Accessible	100%							
Transfer Switch								
Not Accessible	100%							
Transformer								
Dry	100%			2037	**			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037	**	1	\$5,600	

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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	
Exterior Lighting								
Lighting Fixture								
HID	100%			2019				
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Northeast And Southeast Roadway Lights Inoperative</i>						
Pole								
Steel	100%			2025				
Spot Lighting								
Generic	40%			2019	\$6,400			
Generic	60%	Now	\$1,000	2022	\$9,600			
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Areaways</i>						
Ground/Lightning Protection								
Ground Rod								
Not Accessible	100%							
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2019	\$3,300	1	\$5,600	
HID	100%			2022	\$3,300			
Incandescent	100%			2019	\$3,300			
Wiring Device								
Generic	100%			2029	* *			
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2019				
Span Lighting								
Incandescent	100%			2019		1	\$2,300	
Raceway								
Box								
Pull Junction	100%			2024		1	\$6,700	
Terminal	100%			2029	* *	1	\$2,300	
Communications								
Twisted Shielded pair	100%			2023				
Conduit								
Metal	100%			2052	* *			
Submarine Control Cables								
Generic	100%			2025	\$1,142,200			
Submarine Power Cable								
Generic	100%			2025				
Trough								
Metal	100%			2059	* *	1	\$1,100	
Wires								
Thermoplastic	100%			2029	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2027				
Stand-by Power								

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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	

Stand-by Power

Transfer Switch

Not Accessible

100%

Traffic System Electrical

Traffic Gate Lighting

Incandescent

100%

2019

1

\$1,100

Traffic Gong

Generic

100%

2019

1

\$600

Traffic Signal

Generic

100%

2022

1

\$600

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Bascule

Counter Weight

Generic

100%

2-4

\$51,100

2052

* *

2

\$71,800

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Counterweights**Explanation : Some Corrosion Present*

Houses

Access Ways

100%

Now

\$25,300

2027

\$253,100

*Other Observation, Extent : Moderate, Area Affected : 10%**Location : Throughout All Areas**Explanation : Some Grating And Door/ Hatch Repair Necessary. Cwt Access Platform Missing At Northwest And Northeast*

Control House

100%

Now

\$57,100

2039

* *

*Other Observation, Extent : Moderate, Area Affected : 10%**Location : Control House**Explanation : The Roof, Some Doors And Windows Need Repair. Some Floor Panels Need Repair. Water Heater Leaks.*

Machinery Room

100%

Now

\$35,100

2052

* *

*Other Observation, Extent : Moderate, Area Affected : 10%**Location : Machinery Rooms**Explanation : Machinery Rooms Are Corroded . Some Doors, Hatches And Locks Need Repair.*

Lock Bars

With Motor

100%

Now

\$108,800

2033

* *

*Other Observation, Extent : Moderate, Area Affected : 20%**Location : Lock Bars**Explanation : All Lockbar Clearances Need To Be Reduced. Oil Leakage From Gear Reducers And Components Are Corroding.*

Main Drive System

Generic

100%

Now

\$242,800

2052

* *

2

\$215,500

*Other Observation, Extent : Light, Area Affected : 20%**Location : Operating Machinery**Explanation : Oil Leakage. Components Are Corroding And Coupling Gaskets Are Deteriorating. Southwest Differential Makes Atypical Noise*

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DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule									
Rack									
	Generic	100%	Now	\$29,300	2052		* *		
Other Observation, Extent : Light, Area Affected : 2%									
Location : Racks									
Explanation : Some Corrosion On Supports And Fasteners.									
Structural Bearings									
	Generic	100%	Now	\$1,200	2033		* *		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Live Load Bearings									
Explanation : Bearings Need To Be Adjusted In Conjunction With Locks.									
Traffic Devices									
	Barrier Gate	100%	Now	\$20,400	2027	\$408,000			
Other Observation, Extent : Severe, Area Affected : 2%									
Location : Barrier Gates									
Explanation : Vehicle Restraint System Requires Repair. Broken/ Missing Hardware And Locks On Some Gates.									
	Warning Gate	100%	Now	\$25,300	2027	\$253,100			
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : Warning Gates									
Explanation : Broken Guy Wire And Anchor Bolt On One Gate. Missing Locks.									
Trunnion									
	Generic	100%	Now	\$97,300	2052		* *		
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : Trunnion Assemblies									
Explanation : Corrosion. Slight Squeak On West For A Few Degrees Of Operation. Most Likely Small Dry Spot Of Grease.									

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Address : HAMILTON AVE./GOWANUS CANAL
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0138.010 / 13434 **Yr Built/Renovated** : 1931 / 2007
Area Sq Ft : 7,300 **Project Type** : WATERWAY BRIDGES
Date of Survey : 04-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240232

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,026,700	\$2,711,000
Total	\$1,026,700	\$2,711,000
Importance Code A		\$112,600
Importance Code B	\$517,200	
Importance Code C	\$509,600	\$2,598,400
Total	\$1,026,700	\$2,711,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$4,800		\$8,900	\$29,000
Bridge Electrical	\$42,000	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$122,300		\$71,800	
Total	\$169,100	\$6,600	\$87,300	\$35,600
Importance Code A			\$8,500	
Importance Code B	\$164,300	\$6,600	\$78,800	\$6,600
Importance Code C	\$4,800			\$29,000
Total	\$169,100	\$6,600	\$87,300	\$35,600



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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Backwall Concrete	100%			LIFE		* *		
			Other Observation, Extent : Light, Area Affected : 1%					
			Location : End Abutment Only					
			Explanation : Backwall					
Brngs,Ancr Blts,Pads Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%					
			Location : End Abutment Only					
			Explanation : Bearings not accessible					
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Concrete	100%	4+	\$517,200	LIFE		* *		
			Cracks, Extent : Light, Area Affected : 5%					
			Location : End Abutment					
Masonry: Granite	100%			LIFE		* *		
			Other Observation, Extent : Light, Area Affected : 1%					
			Location : Begin Abutment					
			Explanation : Begin Abutment					
Walls Concrete	100%			LIFE		* *		
			Other Observation, Extent : Light, Area Affected : 1%					
			Location : Span 3					
			Explanation : Walls Enclose Span 3					
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		* *		
Feature Crossed								
Bank Protection Concrete	100%			LIFE		* *		
Timber	50%			2026	\$1,205,000			
Timber	50%	Now	\$361,500	2026	\$1,205,000			
			Broken/Missing Elements, Extent : Severe, Area Affected : 25%					
			Location : Begin Abutment Right Side.					
Mat (scour & erosion) Not Accessible	100%							

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								
Approaches								
Pavement								
Asphalt	100%			2030	**	4	\$58,000	
Concrete	100%			2039	**	4		
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$26,200	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$11,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 2								
Explanation : Steel Columns Support Bascule Girders.								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Cobblestone	100%			2052	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
Sidewalks								
Concrete	100%			2034	**	5	\$9,600	

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Asphalt	100%			2030	**	5	\$139,200	
	Concrete	100%			2039	**	5	\$156,900	
	Steel Grating	100%			LIFE	**	5	\$40,400	
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Span 2								
	Explanation : Steel Grating In Bascule Span.								
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	**	5	\$8,000	
	Steel Grating	100%			LIFE	**	5	\$40,400	
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Span 2								
	Explanation : Steel Grating In Bascule Span.								
Joints									
	Steel	100%			LIFE	**			
Primary Member									
	Concrete	100%			LIFE	**	5		
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Span 1								
	Explanation : Concrete Ribbed Arches.								
	Steel	100%			LIFE	**	2-8	\$135,000	
Secondary Member									
	Concrete	100%			LIFE	**	5		
Movable Bridges									
	Bascule Span								
	Steel	100%			LIFE	**			
	Bascule Span Pier								
	Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Intercom								
Generic	100%			2026	\$18,400			
Telephone								
Desk Top	100%			2026	\$300			
Jack								
Telephone	100%			2026	\$200			
Control System Electrical								
Computer								
PLC	100%	Now	\$7,600	2026	\$25,300			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Plc In Operators Room								
Explanation : Gate Group Raise Not Functioning								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	**			
Control Devices								
Relay	100%			2046	**			
Disconnect Switch								
Non Fused	100%			2046	**	1	\$35,900	
Limit Switch								
Rotary	100%			2026				
Local Starter								
Magnetic	100%			2046	**			
Drive								
Grating Motor								
Generic	100%			2056	**			
Machinery Brake								
Thruster	100%			2056	**	1	\$1,100	
Motor Brake								
Thruster	100%			2056	**	1	\$1,100	
Span Lock Motor								
Generic	100%			2056	**	1	\$600	
Electrical Power								
Panelboard								
Circuit Breaker	100%			2046	**	1	\$6,700	
Service Equipment								
Circuit Breaker	100%			2046	**			
Transfer Switch								
Auto	100%			2046	**			
Exterior Lighting								
Spot Lighting								
Generic	100%			2026	\$20,800			
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2031	**			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2031	**			
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2026	\$6,000	1	\$4,500	
Span Lighting								
Incandescent	100%	Now	\$2,300	2026	\$11,400	1	\$2,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Bascule Span Lights								
Explanation : Red Lights Not Working								
Raceway								
Box								
Pull Junction	100%			2036	**	1	\$4,500	

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Electrical			Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Raceway									
Conduit									
Metal	100%			2066	**				
Submarine Control Cables									
Control	100%			2031	**				
Submarine Power Cable									
Power	100%			2031	**				
Trough									
Metal	100%			2066	**	1	\$1,100		
Wires									
Thermoplastic	100%			2046	**				
Span Lock									
Motor									
Squirrel Cage	100%			2041	**				
Stand-by Power									
Generator									
Diesel	100%	Now	\$15,500	2046	**	1	\$4,000		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Generator House									
Explanation : Generator Not Functioning									
Transfer Switch									
Auto	100%			2046	**				
Traffic System Electrical									
Barrier Gate Lighting									
Incandescent	100%			2026	\$14,800	1	\$1,100		
Traffic Gate Lighting									
Incandescent	100%	Now	\$300	2026	\$14,800	1	\$1,000		
Other Observation, Extent : Light, Area Affected : 10%									
Location : Se Warning Gate									
Explanation : Flashing Light Out									
Traffic Gong									
Generic	100%			2026	\$15,600	1	\$600		
Traffic Sign									
Fixed	100%			2026					
Traffic Signal									
Generic	100%			2026	\$2,700	1	\$600		
Lighting									
Lighting Devices									
Generic	100%	Now	\$10,600	2031	**				
Other Observation, Extent : Light, Area Affected : 25%									
Location : Various Locations									
Explanation : Exit Lighting Did Not Function When Tested With Button On Unit.									

Bridge Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		

Bascule

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Bascule									
Counter Weight Generic	100%			2061	* *	2	\$44,900		
Emergency Drive Emergency Power	100%	Now	\$7,100	2061	* *	2	\$71,800		
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Hpu And Control Rooms									
Explanation : Operation Was Not Observed. Check Operation And For The Presence Of Exhaust Gas In Control Tower. Missing Handle Locks									
Fuel Tanks Generic	100%			2043	* *				
Houses									
Access Ways	100%	Now	\$2,100	2039	* *				
Other Observation, Extent : Moderate, Area Affected : 2%									
Location : Access Ways, Sump Pump Room And Cwt Pits									
Explanation : Hatches Leak. Locking Pin For Swing Platform, Sump Pump Stairs Needs Repairs. Loose Hardware And Chains. Missing Grates.									
Control House	100%	Now	\$25,600	2061	* *				
Other Observation, Extent : Light, Area Affected : 2%									
Location : Control House									
Explanation : Leaky Windows And Doors, Permanent Shades Required. Alarms, Sewer Pump, Heating And Water Supply Require Repairs.									
Machinery Room	100%	Now	\$4,400	2061	* *				
Other Observation, Extent : Light, Area Affected : 2%									
Location : Machine Room									
Explanation : Some Water Leakage Into Room									
Lock Bars With Motor	60%	Now	\$21,800	2039	* *	2	\$35,900		
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : East Lock Bars									
Explanation : Some Coverage Of Debris. Missing Single And/or Double Nuts. Brake Release Pulled. Minor Adj. Required.									
With Motor	40%			2039	* *	2	\$44,900		
Main Drive System Generic	100%	Now	\$19,500	2061	* *	2	\$107,800		
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : East Machine Room									
Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed.									
Rack Generic	100%			2061	* *				
Other Observation, Extent : Light, Area Affected : 10%									
Location : Racks									
Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site 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 Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule									
	Structural Bearings								
	Generic	100%	Now	\$5,500	2039		* *		
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : Cwt Pit							
		Explanation : Bumper Block Wood Is Splitting.							
Traffic Devices									
	Barrier Gate	100%	Now	\$18,300	2039		* *		
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Barrier Gates							
		Explanation : Some Doors And Hardware Damaged							
	Warning Gate	100%			2039		* *		
Trunnion									
	Generic	100%			2061		* *		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Address : HAMILTON AVE./GOWANUS CANAL
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0138.000 / 4217 **Yr Built/Renovated** : 1931 / 2008
Area Sq Ft : 7,300 **Project Type** : WATERWAY BRIDGES
Date of Survey : 04-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240231

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$191,600	\$1,014,300
Bridge Electrical		\$175,400
Bridge Mechanical	\$103,800	
Total	\$295,500	\$1,189,700
Importance Code A		\$467,900
Importance Code B	\$103,800	\$603,000
Importance Code C	\$191,600	\$118,800
Total	\$295,500	\$1,189,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$16,800	\$7,700	\$87,400	\$29,000
Bridge Electrical	\$46,900	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$168,800		\$98,800	
Total	\$232,500	\$14,300	\$192,800	\$35,600
Importance Code A			\$44,200	
Importance Code B	\$215,700	\$6,600	\$148,600	\$6,600
Importance Code C	\$16,800	\$7,700		\$29,000
Total	\$232,500	\$14,300	\$192,800	\$35,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : End Abutment							
		Explanation : Concrete Bridge Seat.							
Backwall									
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : End Abutment							
		Explanation : End Abutment							
Brngs,Ancr Blts,Pads									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : End Abutment Only.							
		Explanation : Bearings Not Accessible							
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Not Accessible	100%							
Stem (breastwall)									
	Concrete	100%			LIFE		* *		
	Masonry: Granite	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Begin Abutment							
		Explanation : Begin Abutment							
Walls									
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Span 3							
		Explanation : Walls Enclose Span 3							
Wingwalls									
Footings									
	Not Accessible	100%							
Mat (scour & erosion)									
	Generic	100%			LIFE		* *		
Piles									
	Not Accessible	100%							
Walls									
	Concrete	100%			LIFE		* *		
Feature Crossed									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Riprap	100%	4+	\$113,200	LIFE	**			
Erosion, Extent : Light, Area Affected : 10%								
Location : Begin Abutment Left Side								
Sheet Piling	100%			LIFE	**			
Timber	90%			2031	**			
Timber	10%	Now	\$12,100	2031	**			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : End Abutment Left Side								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								
Approaches								
Pavement								
Asphalt	100%			2030	**	4	\$58,000	
Concrete	100%			2039	**	4		
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$26,200	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$11,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 2								
Explanation : Steel Columns For Bascule Span.								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Pedestals								
	Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%									
Location : Piers 1 And 2.									
Explanation : Concrete Pedestals For Span 2 At Pier 1 Bearings And For Span 3 At Pier 2 Bearings.									
Deck Elements									
	Curbs								
	Steel	100%			LIFE	**			
	Guide Railing								
	Steel	100%			LIFE	**			
	Median								
	Cobblestone	100%			2052	**			
	Railings/Parapets								
	Steel	100%			LIFE	**	2-8	\$8,500	
	Sidewalks								
	Concrete	100%			2034	**	5	\$9,600	
	Wearing Surface								
	Asphalt	100%			2030	**	5	\$15,500	
	Concrete	100%			2039	**	5	\$156,900	
	Steel Grating	100%			LIFE	**	5	\$40,400	
Other Observation, Extent : Light, Area Affected : 1%									
Location : Span 2									
Explanation : Steel Grating In Bascule Span.									
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	**	5	\$3,300	
	Steel Grating	100%			LIFE	**	5	\$40,400	
Other Observation, Extent : Light, Area Affected : 1%									
Location : Span 2									
Explanation : Steel Grating In Bascule Span.									
Joints									
	Steel	100%			LIFE	**			
	Primary Member								
	Concrete	100%			LIFE	**	5		
Other Observation, Extent : Light, Area Affected : 1%									
Location : Span 1									
Explanation : Concrete Ribbed Arch.									
	Steel	100%			LIFE	**	2-8	\$798,600	
	Secondary Member								
	Steel	100%			LIFE	**	2-8	\$669,000	
Movable Bridges									
	Bascule Span								
	Steel	100%			LIFE	**			
	Bascule Span Pier								
	Concrete	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Communications								
Generic	100%			2026	\$35,300			
Control System Electrical								
Computer								
PLC	100%	Now	\$7,600	2026	\$25,300			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Plc In Control Room</i>								
<i>Explanation : Gate Group Raise Not Functioning.</i>								
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2046	* *			
Disconnect Switch								
Non Fused	100%			2046	* *	1	\$35,900	
Limit Switch								
Rotary	100%			2026				
Local Starter								
Magnetic	100%			2046	* *			
Drive								
Grating Motor								
Generic	100%			2056	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Machine Room</i>								
<i>Explanation : Grating Motor Description Used For Main Motor</i>								
Machinery Brake								
Thruster	100%			2056	* *	1	\$1,100	
Motor Brake								
Thruster	100%			2056	* *	1	\$1,100	
Span Lock Motor								
Generic	100%			2056	* *	1	\$600	
Electrical Power								
Panelboard								
Circuit Breaker	100%			2046	* *	1	\$6,700	
Service Equipment								
Circuit Breaker	100%			2046	* *			
Transfer Switch								
Auto	100%			2046	* *			
Exterior Lighting								
Spot Lighting								
Generic	100%			2026				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2031	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2031	* *			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Navigation Lighting								
Pier Lighting								
Incandescent	100%	Now	\$300	2026	\$6,000	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Pier</i>								
<i>Explanation : Center Pier Light Out</i>								
Span Lighting								
Incandescent	100%	Now	\$2,300	2026	\$11,400	1	\$2,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East And West Bascule Lights</i>								
<i>Explanation : Red Lights Not Working</i>								
Raceway								
Box								
Pull Junction	100%			2036	* *	1	\$4,500	
Conduit								
Metal	100%			2066	* *			
Submarine Control Cables								
Control	100%			2031	* *			
Submarine Power Cable								
Power	100%			2031	* *			
Trough								
Metal	100%			2066	* *	1	\$1,100	
Wires								
Thermoplastic	100%			2046	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2041	* *			
Stand-by Power								
Generator								
Diesel	100%	Now	\$15,500	2046	* *	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator House</i>								
<i>Explanation : Generator Not Functioning</i>								
Transfer Switch								
Auto	100%			2046	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2026		1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%			2026		1	\$1,100	
Traffic Gong								
Generic	100%			2026		1	\$600	
Traffic Sign								
Fixed	100%			2026				
Traffic Signal								
Generic	100%			2026	\$140,100	1	\$600	
Lighting								

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
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Lighting Devices

Generic

50% Now \$5,300 2031 * *

Other Observation, Extent : Light, Area Affected : 25%

Location : Various Locations

Explanation : Bridge Service Lighting Has Some Fixtures That Are Not Working.

Generic

50% Now \$10,600 2031 * *

Other Observation, Extent : Light, Area Affected : 40%

Location : Various Locations

Explanation : Some Emergency Exit Lights Do Not Work When Tested Using The Test Function On Unit.

Bridge Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Bascule

Counter Weight

Generic

100% 2061 * * 2 \$44,900

Emergency Drive

Emergency Power

100% Now \$20,300 2061 * * 2 \$71,800

Other Observation, Extent : Severe, Area Affected : 5%

Location : Hpu And Control Rooms

Explanation : Operation Was Not Observed. Check Operation And For The Presence Of Exhaust Gas In Control Tower. Missing Handle Locks.

Fuel Tanks

Generic

100% 2043 * *

Houses

Access Ways

100% Now \$10,900 2039 * *

Other Observation, Extent : Moderate, Area Affected : 2%

Location : Access Ways, Sump Pump Room And Cwt Pits

Explanation : Hatches Leak. Sump Pump Stairs Needs Repairs. Loose Hardware And Chains. Missing Grates.

Control House

100% Now \$27,700 2061 * *

Other Observation, Extent : Light, Area Affected : 2%

Location : Control House

Explanation : Leaky Windows And Doors. Permanent Shades Required. Alarms, Sewer Pump, Heating And Water Supply Require Repairs.

Machinery Room

100% Now \$8,800 2061 * *

Other Observation, Extent : Light, Area Affected : 2%

Location : Machine Room

Explanation : Some Water Leakage Into Room

Lock Bars

With Motor

65% 0-2 \$16,700 2039 * * 2 \$35,900

Other Observation, Extent : Moderate, Area Affected : 10%

Location : West Locks

Explanation : Some Coverage Of Debris. Missing Single And/or Double Nuts. Minor Adj. Required.

With Motor

35% 2039 * * 2 \$44,900

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Main Drive System								
Generic	30%	Now	\$20,400	2061	* *	2	\$107,800	
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : West Machine Room							
	Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed.							
Generic	70%			2061	* *	2	\$134,700	
Rack								
Generic	100%			2061	* *			
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Racks							
	Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.							
Structural Bearings								
Generic	75%	Now	\$8,700	2041	* *			
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : Cwt Pit And Bascule Span							
	Explanation : Bumper Block Wood Is Splitting. Some Bolts On Span Centering Guide Appeared To Not Seated.							
Generic	25%			2039	* *			
Traffic Devices								
Barrier Gate	60%	Now	\$103,800	2039	* *			
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Barrier Gates							
	Explanation : Oncoming Gate Not Functioning And Has Crack In Arm Weld. Off Going Gate Has Missing Arm Bolt.							
Barrier Gate	40%			2039	* *			
Warning Gate	100%			2039	* *			
Trunnion								
Generic	25%	Now	\$10,300	2061	* *			
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : West Trunnions							
	Explanation : Missing Or Broken Grease Fittings.							
Generic	75%			2061	* *			

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Address : HUNTERS POINT AVE.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0178.000 / 13712 **Yr Built/Renovated** :
Area Sq Ft : 11,544 **Project Type** : WATERWAY BRIDGES
Date of Survey : 08-Apr-2009 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240450

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$512,100	\$480,800
Bridge Electrical	\$244,200	\$97,400
Bridge Mechanical	\$531,800	\$253,100
Total	\$1,288,000	\$831,200
Importance Code A		\$114,300
Importance Code B	\$1,288,000	\$464,700
Importance Code C		\$252,300
Total	\$1,288,000	\$831,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$43,900	\$3,200	\$23,700	
Bridge Electrical	\$5,300			
Bridge Mechanical	\$7,800			
Total	\$56,900	\$3,200	\$23,700	
Importance Code A	\$100		\$11,900	
Importance Code B	\$13,100		\$11,500	
Importance Code C	\$43,700	\$3,200	\$300	
Total	\$56,900	\$3,200	\$23,700	



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
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin And End Abutment								
Explanation : Debris On Bridge Seat.								
Backwall Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin And End Abutment.								
Explanation : Debris On Bearings.								
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$111,700	LIFE		* *		
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Begin And End Abutment								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Begin And End Abutment								
Explanation : Joint Sealer Cracked And Allows Water And Debris On Bridge Seat.								
Pedestals Concrete	100%			LIFE		* *		
Stem (breastwall) Concrete	100%			LIFE		* *		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Riprap	100%			LIFE		* *		
Piles Not Accessible	100%							
Walls Masonry: Stone	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 2%								
Location : All 4 Wingwalls								
Explanation : Efflorescence Located On The Wingwalls								
Feature Crossed								
Bank Protection Riprap	100%	4+	\$600	LIFE		* *		
Erosion, Extent : Moderate, Area Affected : 15%								
Location : Begin Abut. Left Side Embankment.								
Mat (scour & erosion) Stream Bed	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%	4+	\$400,300	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Pier 1 And Bascule Pier 2								
Rotted, Extent : Light, Area Affected : 20%								
Location : Both Piers								
Approaches								
Pavement								
Concrete	100%			2029		* *	4	\$600
Spalling, Extent : Light, Area Affected : 5%								
Location : End Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Sidewalks								
Concrete	100%	4+	\$500	LIFE		* *		
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 1								
Explanation : Pier 1 Is In Good Condition.								
Brngs,Ancr Blts,Pads								
Steel	5%	Now	\$100	LIFE		* *	2-8	\$900
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Pier 1 Span 2 Side Right Bearing								
Explanation : Right Bearing At Pier 1 Is Bouncing Under Live Load.								
Steel	95%			LIFE		* *	2-8	\$900
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
Railings/Parapets								
Steel	100%			LIFE		* *	2-8	\$9,600
Sidewalks								
Concrete	100%			2025	\$186,100	5		\$6,400

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DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	90%			2029	* *	5	\$66,200	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3 And 4.							
	Explanation : Conc. Wearing Surface In Spans 1, 3 And 4.							
Concrete	10%	4+	\$9,500	2029	* *	5	\$33,100	
	Cracks, Extent : Light, Area Affected : 25%							
	Location : Spans 1 And 4							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$12,700	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3, And 4							
	Explanation : Located In Spans 1, 3, And 4							
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$213,400	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3 And 4.							
	Explanation : Located In Spans 1, 3 And 4.							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$178,800	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3 And 4.							
	Explanation : Located In Spans 1, 3 And 4.							
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			
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	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	
	Type	Total	(Years)		FY		(Yrs)		
Communication Electrical									
	Communications								
	Generic	100%	Now	\$700	2019	\$35,300			
Other Observation, Extent : Light, Area Affected : 2%									
Location : Telephone									
Explanation : Telephone In Control Room Needs To Be Punched Down.									
Control System Electrical									

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DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical									
	Control Console								
	Stainless Steel	100%	Now	\$700	LIFE	**			
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Indication Lights							
		Explanation : The Indication Lights Need Replacement/relamping.							
	Disconnect Switch								
	Generic	100%			2040	**			
	Limit Switch								
	Generic	100%			2040	**			
Electrical Power									
	Transfer Switch								
	Auto	100%	4+	\$1,900	2040	**			
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Circuit Breaker Transfer							
		Explanation : Circuit Breaker Transfer Switch Making Noise When Turned Off							
	Transformer								
	Dry	100%			2040	**			
	Heating								
	Generic	100%			2040	**			
	Dist Equip & Motor Controll								
	Generic	100%			2040	**			
Raceway									
	Submarine Control Cables								
	Generic	100%			2024				
	Wiring								
	Generic	100%			2025				
Stand-by Power									
	Generator								
	Natural Gas	100%	Now	\$35,500	2033	**			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location :							
		Explanation : Generator Is Inoperable							
Traffic System Electrical									
	Traffic Signal								
	Generic	100%			2019	\$173,300			
Lighting									
	Lighting Devices								
	Generic	100%	Now	\$1,900	2025	\$97,400			
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Navigation Lighting							
		Explanation : Several Navigational Lights Need Relamping.							

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

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DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight Generic	100%			2055		* *		
Emergency Drive Emergency Power	100%	Now	\$35,900	2035		* *		
Other Observation, Extent : Moderate, Area Affected : 100% Location : Control House And Machine Room Explanation : Emergency Operation Could Not Be Tested. System Should Be Tested Every Month.								
Houses								
Access Ways	100%	Now	\$35,800	2029		* *		
Other Observation, Extent : Moderate, Area Affected : 10% Location : Access Ways Explanation : Some Doors/hatches Need Repair								
Control House	100%	Now	\$104,400	2048		* *		
Other Observation, Extent : Moderate, Area Affected : 20% Location : Control House Explanation : Roof Is Leaking. House Plumbing Needs Repair.								
Machinery Room	100%			2055		* *		
Lock Bars								
With Motor	50%	Now	\$25,700	2029		* *		
Other Observation, Extent : Light, Area Affected : 100% Location : Toe Locks Explanation : Some Corrosion. Lock Bar Protective Cover Needs To Be Repaired.								
With Motor	50%	Now	\$128,300	2029		* *		
Other Observation, Extent : Moderate, Area Affected : 75% Location : Tail Locks Explanation : Tail Locks Not Functional. Also, South Tail Lock Missing Drive Motor.								
Main Drive System								
Generic	100%	Now	\$124,300	2055		* *		
Other Observation, Extent : Moderate, Area Affected : 10% Location : Machinery Room Explanation : Limit Switches Need To Be Adjusted In Conjunction With Live Load Bearings For Firm Seating Of Bridge.								
Rack								
Generic	100%			2055		* *		
Structural Bearings								
Generic	50%	Now	\$7,800	2033		* *		
Other Observation, Extent : Moderate, Area Affected : 50% Location : Live Load Bearings At Toe Explanation : Gap Present At South And Center Live Load Support Bearings And Substantial Movement Under Traffic Loading.								
Generic	50%			2033		* *		
Other Observation, Extent : Light, Area Affected : 100% Location : Live Load Supports At Tail Explanation : Not Accessible								
Track								
Generic	100%			2055		* *		

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DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule									
Traffic Devices									
	Barrier Gate	100%	Now	\$77,500	2029		* *		
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Barrier Gates									
Explanation : The Barrier Gates Are Currently Not In Service.									
	Warning Gate	100%			2023	\$253,100			

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Address : BARTOW AVE X-ING HUTCH RIVER
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0007.090 / 4269 **Yr Built/Renovated** : 1935 / 1995
Area Sq Ft : 60,456 **Project Type** : WATERWAY BRIDGES
Date of Survey : 24-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2075859

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$623,200	\$1,374,300
Bridge Electrical	\$53,000	\$2,577,800
Bridge Mechanical	\$1,514,200	
Total	\$2,190,400	\$3,952,100
Importance Code A	\$477,400	\$598,100
Importance Code B	\$1,567,200	\$3,208,200
Importance Code C	\$145,800	\$145,800
Total	\$2,190,400	\$3,952,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$34,500		\$114,400	\$5,700
Bridge Electrical	\$13,100		\$29,600	
Bridge Mechanical	\$71,900			
Total	\$119,600		\$144,000	\$5,700
Importance Code A	\$300		\$51,200	
Importance Code B	\$89,100		\$92,800	
Importance Code C	\$30,300			\$5,700
Total	\$119,600		\$144,000	\$5,700



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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Concrete	100%			LIFE		* *		
	Backwall								
	Concrete	100%			LIFE		* *		
	Brngs,Ancr Blts,Pads								
	Steel	100%			LIFE		* *		
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Generic	100%			LIFE		* *		
	Mat (scour & erosion)								
	Earth	100%	4+	\$4,000	LIFE		* *		
		Erosion, Extent : Light, Area Affected : 10%							
		Location : End Abutment Drainage							
	Generic	100%			LIFE		* *		
	Pedestals								
	Concrete	100%			LIFE		* *		
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Brick Veneer	10%	4+	\$500	LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Areas Of Wingwalls							
		Explanation : Efflorescence							
	Brick Veneer	90%			LIFE		* *		
Feature Crossed									
	Bank Protection								
	Riprap	100%			LIFE		* *		
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pier Protection								
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Piers 4 And 5.							
		Explanation : Granite Block Facade							
	Timber	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Piers 2 And 3.							
		Explanation : Piers 2 And 3.							

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2030	**	4	\$9,700	
Asphalt	20%	4+	\$5,800	2030	**	4	\$9,700	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Approach								
Concrete	100%			2039	**	4	\$54,800	
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	90%			LIFE	**	2-8	\$5,500	
Steel	10%	Now	\$300	LIFE	**	2-8	\$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : West Side - South (Begin) Approach.								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%			2030	**	4	\$1,800	
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 7.								
Explanation : Sidewalk On West Side Only								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$36,600	
Pier,Columns								
Brick Veneer	100%			LIFE	**			
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 4, 5, 6.								
Explanation : Granite At Base.								
Steel	100%			LIFE	**	2-8	\$92,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 3.								
Explanation : Steel Columns Encased In Concrete.								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 3.								
Explanation : Solid Concrete Stem.								

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052	**			
Steel	100%	4+	\$58,000	LIFE	**	2-8	\$8,200	
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Piers 2 And 3								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$10,100	
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$65,700	
Sidewalks								
Concrete	100%			2034	**	5	\$11,400	
Wearing Surface								
Concrete	100%			2039	**	5	\$291,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 - 7.								
Explanation : Concrete Wearing Surface.								
Steel Grating	100%			LIFE	**	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Bascule Span Steel Grating.								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$53,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 - 7.								
Explanation : Concrete Deck.								
Grating w/ Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2 And 4.								
Explanation : Half The Spans Have Grating With Concrete.								
Steel Grating	100%			LIFE	**	5	\$58,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Steel Grating Deck.								

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Joints									
	Generic	100%			LIFE		**		
Primary Member									
	Steel	100%			LIFE		**	2-8	\$868,800
Other Observation, Extent : Light, Area Affected : 1%									
Location : Spans 1, 2 And 4 - 7.									
Explanation : Structural Steel									
Secondary Member									
	Steel	100%			LIFE		**	2-8	\$936,200
Other Observation, Extent : Light, Area Affected : 1%									
Location : Spans 1. 2 And 4 - 7.									
Explanation : Structural Steel									
Movable Bridges									
Bascule Span									
	Steel	90%			LIFE		**		
	Steel	10%	Now	\$376,200	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+	\$43,300	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	
Communication Electrical								
Intercom								
Generic	100%			2024	\$14,700			
Telephone								
Desk Top	100%			2024				
Control System Electrical								
Control Console								
Generic	100%			2039	* *			
Control Devices								
Relay	100%			2031	* *			
Disconnect Switch								
Generic	100%			2039	* *			

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical									
	Limit Switch								
	Generic	100%	Now	\$2,000	2024	\$97,500			
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : Northwest Pier Below Machine Room									
Explanation : Nw And Sw Fully Seated Limit Switches Stick.									
Electrical Power									
	Transfer Switch								
	Auto	100%	2-4	\$11,200	2031	* *			
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%			2031	* *			
	Heating								
	Generic	100%			2031	* *			
	Dist Equip & Motor Controll								
	Generic	100%			2031	* *			
Navigation Lighting									
	Pier Lighting								
	Incandescent	100%			2024				
Other Observation, Extent : Light, Area Affected : 20%									
Location : North And South Pier.									
Explanation : North And South Pier Each Have 1 Pier Light Out.									
	Span Lighting								
	Incandescent	100%			2021				
Raceway									
	Conduit								
	Metal	90%	4+	\$53,000	2066	* *			
Other Observation, Extent : Moderate, Area Affected : 30%									
Location : Below Machine Rooms									
Explanation : Conduits Corroding									
	Metal	10%			2041	* *			
	Submarine Control Cables								
	Generic	100%			2024	\$835,300			
	Submarine Power Cable								
	Power	100%			2024				
	Wiring								
	Generic	100%			2027	\$1,539,400			
Traffic System Electrical									
	Barrier Gate Lighting								
	Incandescent	100%			2021	\$14,800			
	Traffic Gate Lighting								
	Incandescent	100%			2021	\$14,800			
	Traffic Gong								
	Not Accessible	100%							

Lighting

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Lighting Devices

Generic

100%

2024

\$105,600

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Bascule

Counter Weight

Not Accessible

100%

Emergency Drive

Emergency Power

100%

Now

\$4,900

2041

* *

*Other Observation, Extent : Moderate, Area Affected : 50%**Location : All Machine Rooms**Explanation : No Operation Observed. Emergency Drive Was Reported Not To Have Been Run In A Long Time, Should Be Tested.*

Houses

Access Ways

100%

Now

\$12,100

2029

* *

*Other Observation, Extent : Severe, Area Affected : 50%**Location : Access Ways (Only North Accessible)**Explanation : Some Doors Do Not Close Properly. Open Pier Area Behind Inboard Trunnions.*

Auxiliary

100%

Now

\$14,100

2029

* *

*Other Observation, Extent : Light, Area Affected : 100%**Location : South Auxiliary House, Not Accessible**Explanation : Leaky Door Reported*

Control House

100%

Now

\$52,200

2041

* *

*Other Observation, Extent : Moderate, Area Affected : 10%**Location : Control House**Explanation : Leaky Door. Exhaust Fan Non-functioning. Bathroom Locked And Not Functioning. Heat And Ac In Top Of Control House Only*

Machinery Room

100%

Now

\$8,800

2041

* *

*Other Observation, Extent : Light, Area Affected : 60%**Location : Machine Rooms (Only North Accessible)**Explanation : Water Observed In Some Rooms. Some Doors Do Not Close Properly.*

Lock Bars

With Motor

100%

Now

\$221,100

2029

* *

*Other Observation, Extent : Severe, Area Affected : 60%**Location : Lock Bars (Only Observed From Sidewalk, Machinery Not Accessible)**Explanation : No Operation Observed. Movement Of Spans Observed From Sidewalk, May Require Adjustments. One Lock Not Working.*

Main Drive System

Generic

100%

4+

\$100,300

2041

* *

*Other Observation, Extent : Moderate, Area Affected : 60%**Location : North Machine Rooms (South Machine Rooms Not Accessible)**Explanation : Operation Not Observed. Some Corrosion, Lubricant Leakage And Possible Contamination. Brake Adjustments May Be Required.*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule Rack								
Generic	60%	0-2	\$63,300	2041		* *		
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Racks								
Explanation : No Operation Observed. Only North Racks Accessible. Corrosion Of Some Surfaces And Bolts.								
Generic	40%			2041		* *		
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$65,600	2022	\$655,900			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Barrier Gates								
Explanation : No Operation Observed. Only Observed From Sidewalk. Broken Or Missing Light Covers, Handles And Locks. Open Areas.								
Signals	100%	Now	\$2,900	2029		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : South Traffic Signal Missing Visor.								
Warning Gate	100%	Now	\$29,200	2022	\$291,800			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Warning Gates								
Explanation : No Operation Observed. Only Observed From Sidewalk. Some Broken Or Missing Guy Wires, Light Covers, Handles And Locks.								
Trunnion								
Generic	100%	Now	\$64,000	2041		* *		
Other Observation, Extent : Light, Area Affected : 60%								
Location : Trunnion Bearings								
Explanation : No Operation Observed. Only Some North Brgs Accessible. Some Debris And Corrosion. Some Catch Troughs Filled Of Debris.								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Address : E.155 ST. AND HARLEM RIVER
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0137.000 / 4180 **Yr Built/Renovated** : 1931 / 2004
Area Sq Ft : 275,000 **Project Type** : WATERWAY BRIDGES
Date of Survey : 16-May-2011 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed :
Block : **Lot** : **BIN** : 1240090

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$3,713,100	\$6,381,500
Total	\$3,713,100	\$6,381,500
Importance Code A	\$1,780,000	\$3,142,900
Importance Code B	\$1,879,600	\$3,185,100
Importance Code C	\$53,600	\$53,600
Total	\$3,713,100	\$6,381,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$17,000		\$623,200	
Bridge Electrical	\$17,400	\$7,500	\$35,100	\$23,600
Bridge Mechanical	\$132,100		\$80,800	
Total	\$166,400	\$7,500	\$739,100	\$23,600
Importance Code A			\$303,800	
Importance Code B	\$149,500	\$7,500	\$435,400	\$23,600
Importance Code C	\$17,000			
Total	\$166,400	\$7,500	\$739,100	\$23,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%			LIFE	**			
Backwall								
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$52,600	LIFE	**			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Begin Abutment Joint Sealer Damaged								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**			
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Masonry: Granite	100%	4+	\$17,000	LIFE	**			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Begin Right Wingwall Has Voids And Displacement 4 inches.								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%	4+	\$134,100	LIFE	**			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Pier 36								
Explanation : Concrete With Timber Bumpers.								
Approaches								
Pavement								
Concrete	100%			2037	**	4		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$18,100	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%	4+	\$583,000	LIFE	**	2-8	\$1,633,900	
Corrosion, Extent : Moderate, Area Affected : 6%								
Location : Piers 4, 17, And 25. 25 Is Most Severe.								
Pier,Columns								
Steel	100%	4+	\$1,083,200	LIFE	**	2-8	\$2,821,200	
Cracks, Extent : Moderate, Area Affected : 2%								
Location : Pier 31 Right Side Column Knee Brace.								
Corrosion, Extent : Moderate, Area Affected : 2%								
Location : Pier 17								
Stem,Solid Pier								
Concrete	100%	4+	\$465,800	LIFE	**			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Pier 51								
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	25%	Now	\$376,500	LIFE	**	2-8	\$49,000	
Joint Freezing, Extent : Severe, Area Affected : 25%								
Location : Piers 2, 6, 10, 18, 22, 25, 27, 29, And 31 Exp. Bridges Frozen.								
Steel	70%			LIFE	**	2-8	\$49,000	
Steel	5%	Now	\$37,700	LIFE	**	2-8	\$49,000	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Pier 14								
Explanation : Loose Exp. Brg. Plates At 5 Brgs.								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%	2-4	\$57,500	LIFE	**			
Corrosion, Extent : Severe, Area Affected : 25%								
Location : Pier 4, 10, 12, 17, 25 And 29.								
Deck Elements								
Curbs								
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
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%			2052	**	5		
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$136,600	
Sidewalks								
Concrete	100%			2032	**	5	\$107,100	
Wearing Surface								
Concrete	100%			2037	**	5		
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$122,600	
Joints								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
Primary Member								
Steel	95%			LIFE	**	2-8	\$2,059,400	
Steel	5%	4+	\$782,800	LIFE	**	2-8	\$2,059,400	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 40 Bottom Chord Eyebars.</i>								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$1,725,200	
Steel	10%	4+	\$86,400	LIFE	**	2-8	\$1,725,200	
<i>Corrosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 23, 26, 30, 37, And 40 Cross Frame Diaphragms.</i>								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2022	\$16,100			
Telephone								
Wall Mounted	100%			2022				
Jack								
Telephone	100%			2022				
Control System Electrical								

*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
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	
Control System Electrical								
Computer PLC	100%	Now	\$8,300	2021	\$27,600			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Plc Cabinet								
Explanation : Plc Program Is Not Present In Either Processor, Bridge Is Not Operable On Main System								
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2042	* *			
Disconnect Switch								
Non Fused	100%			2042	* *	1	\$35,900	
Limit Switch								
Rotary	100%			2022				
Local Starter								
Magnetic	100%			2042	* *			
Drive								
Grating Motor								
Generic	100%			2052	* *			
Machinery Brake								
Thruster	100%			2052	* *	1	\$600	
Motor Brake								
Thruster	100%			2052	* *	1	\$1,100	
Electrical Power								
MCC								
Generic	10%	Now	\$1,600	2042	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Machine Room Mcc								
Explanation : Southeast Endlift Starter Bad In Mcc								
Generic	90%			2042	* *			
Panelboard								
Circuit Breaker	100%			2042	* *	1	\$6,700	
Transfer Switch								
Auto	100%			2042	* *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	* *	1	\$5,600	
Lighting Fixture								
Generic	100%			2022				
Spot Lighting								
Generic	100%			2022				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027				
Ground Rod								
Copper	100%			2022				

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
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Ground/Lightning Protection									
	Ground Wire								
	Green	100%			2027				
Interior Lighting									
	Exit Lighting								
	Battery Operated	100%			2027				
	Lighting Fixture								
	Fluorescent	100%			2027	\$3,600	1	\$5,600	
Navigation Lighting									
	Fender Lighting								
	Incandescent	100%			2022		1	\$3,400	
	Pier Lighting								
	Incandescent	100%			2022		1	\$4,500	
	Span Lighting								
	Incandescent	100%			2022		1	\$2,300	
Raceway									
	Box								
	Pull Junction	100%			2032	* *	1	\$3,900	
	Terminal	100%			2032	* *	1	\$4,500	
	Collector Ring								
	Metal	100%			2032	* *			
	Conduit								
	Metal	100%			2062	* *			
	Submarine Control Cables								
	Control	100%			2027				
	Submarine Power Cable								
	Power	100%			2027				
	Trough								
	Metal	100%			2062	* *	1	\$1,100	
	Wires								
	Thermoplastic	100%			2042	* *			
Span Lock									
	Motor								
	Squirrel Cage	100%			2037	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Span Lock								
	Explanation : Span Lock Description Used For Endlifts Motors								
Stand-by Power									
	Transfer Switch								
	Auto	100%			2042	* *			
Traffic System Electrical									
	Barrier Gate Lighting								
	Not Accessible	100%							
	Traffic Gate Lighting								
	Not Accessible	100%							
	Traffic Gong								
	Not Accessible	100%							

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Estimates are rounded to the nearest hundred dollars.

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** Replacement cost estimated to be beyond ten years is not included in this report.

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	

Traffic System Electrical

Traffic Sign

Fixed

100%

2022

Traffic Signal

Not Accessible

100%

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Swing

Center Latch

Generic

100%

2057

* *

2

\$22,500

Other Observation, Extent : Light, Area Affected : 1%

Location : East And West

Explanation : Could Not Be Tested Due To Electrical Problem.

Center Pivot

Generic

100%

2057

* *

2

\$67,400

Other Observation, Extent : Light, Area Affected : 2%

Location : Center Pivot Pier

Explanation : (Rim Bearing) Minor Corrosion. Could Not Be Tested Due To Electrical Problem.

Emergency Drive

Emergency Power

100%

2057

* *

2

\$44,900

Other Observation, Extent : Light, Area Affected : 5%

Location : Swing Span Machinery Room

Explanation : Operation Was Not Observed. Emergency Drive Reported To Have Last Been Tested In 2010.

End Lift

Generic

100%

Now

\$22,000

2057

* *

2

\$35,900

Other Observation, Extent : Light, Area Affected : 5%

Location : East And West Rest Piers

Explanation : Corrosion, Southeast Reported To Not Be Operational. Could Not Be Tested Due To Electrical Problem. Install Covers.

Fuel Tanks

Generic

100%

2039

* *

Houses

Access Ways

100%

Now

\$9,600

2057

* *

Other Observation, Extent : Light, Area Affected : 1%

Location : Swing Span Access Hatches

Explanation : Hatch Locks Need Maintenance

Control House

100%

Now

\$5,200

2057

* *

Other Observation, Extent : Light, Area Affected : 1%

Location : Control House

Explanation : Broken Door Lock

Machinery Room

100%

2057

* *

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
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)	
Swing	Main Drive System							
	Generic	100%	0-2	\$29,400	2057	* *	2	\$179,600
		Other Observation, Extent : Light, Area Affected : 2%						
		Location : Operating Machinery						
		Explanation : Corrosion, Grease On Inside Surface Of Brakewheel, Breathers Will Need To Be Changed Soon. Could Not Be Tested.						
	Structural Bearings							
	Generic	100%			2035	* *		
		Other Observation, Extent : Light, Area Affected : 2%						
		Location : East And West Rest Piers						
		Explanation : Minor Corrosion And Debris. Three Open Bolt Holes At Back Of Each Base.						
	Traffic Devices							
	Barrier Gate	100%	Now	\$22,300	2035	* *		
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : East And West Approaches						
		Explanation : Missing Locking Arms, Nw Barrier Gate Not Working. Could Not Be Tested Due To Elec Problem. Check Guy Wires Tension.						
	Warning Gate	50%	Now	\$13,800	2035	* *		
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : Pedestrian Gates						
		Explanation : Sw Pedestrian Gate Not Working, Stuck In Closed Position. Pedestrian Gate Arms Not Installed. Could Not Be Tested.						
	Warning Gate	50%	0-2	\$2,800	2035	* *		
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : Warning Gates						
		Explanation : Could Not Be Tested Due To Electrical Problem. Check Guy Wires Tension.						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Address : HARLEM RIVER, HARLEM RIV DR.
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0042.090 / 4209 **Yr Built/Renovated** : 1907 / 2004
Area Sq Ft : 69,800 **Project Type** : WATERWAY BRIDGES
Date of Survey : 29-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240079

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$42,400	\$1,080,700
Bridge Electrical		\$238,200
Bridge Mechanical	\$570,700	\$1,749,800
Total	\$613,000	\$3,068,700
Importance Code A		\$350,300
Importance Code B	\$570,700	\$2,307,600
Importance Code C	\$42,400	\$410,800
Total	\$613,000	\$3,068,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$17,000		\$70,700	
Bridge Electrical	\$25,600	\$18,700	\$3,900	\$3,900
Bridge Mechanical	\$53,500		\$71,800	
Total	\$96,000	\$18,700	\$146,400	\$3,900
Importance Code A	\$1,200		\$35,900	
Importance Code B	\$91,000	\$18,700	\$107,800	\$3,900
Importance Code C	\$3,800		\$2,700	
Total	\$96,000	\$18,700	\$146,400	\$3,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Bridge Seat&pedestals Concrete	100%			LIFE	**				
Backwall Concrete	100%			LIFE	**				
Brngs,Ancr Blts,Pads Elastomeric	100%			2051	**				
Footings Not Accessible	100%								
Joint with Deck Generic	90%			LIFE	**				
Generic	10%	0-2	\$1,000	LIFE	**				
Leakage, Extent : Light, Area Affected : 20%									
Location : Begin And End Abutment									
Missing/Damaged Seal, Extent : Severe, Area Affected : 15%									
Location : Begin Abutment Joint									
Pedestals Concrete	100%			LIFE	**				
Stem (breastwall) Concrete	100%			LIFE	**				
Walls Concrete	100%			LIFE	**				
Wingwalls									
Footings Not Accessible	100%								
Piles Not Accessible	100%								
Walls Concrete	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Wingwalls									
Explanation : Beginning Wingwall Only. End Approach Has No Wingwall									
Feature Crossed									
Bank Protection Concrete	100%			LIFE	**				
Riprap	100%			LIFE	**				
Timber	100%			2030	**				
Mat (scour & erosion) Not Accessible	100%								
Pier Protection Timber	100%			LIFE	**				
Approaches									
Pavement Asphalt	100%			2029	**	4	\$5,400		
Concrete	100%			2038	**	4			
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
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Guide Railing Steel	100%	Now	\$1,200	LIFE	**	2-8	\$11,700		
Damaged Railing, Extent : Moderate, Area Affected : 5% Location : End Approach Left (North) Side.									
Sidewalks Concrete	100%			LIFE	**				
Piers									
Cap Beam Steel	100%			LIFE	**	2-8	\$252,300		
Pier,Columns Steel	100%			LIFE	**	2-8	\$301,600		
Stem,Solid Pier Concrete	100%			LIFE	**				
Masonry	99%			LIFE	**				
Masonry	1%	2-4	\$100	LIFE	**				
Other Observation, Extent : Moderate, Area Affected : 1% Location : Pier 12 Explanation : Masonry Stone Displaced.									
Brngs,Ancr Blts,Pads Elastomeric	100%			2051	**				
Steel	100%			LIFE	**	2-8	\$6,200		
Footings Not Accessible	100%								
Mat (scour & erosion) Not Accessible	100%								
Pedestals Concrete	100%	0-2	\$10,900	LIFE	**				
Spalling, Extent : Moderate, Area Affected : 2% Location : Piers 12 And 14.									
Deck Elements									
Gratings Steel	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 1% Location : Spans 13 And 14 Explanation : Spans 13 And 14									
Guide Railing Concrete	100%			2045	**				
Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 12 And 15 - 21. Explanation : Concrete Guide Railings Both Sides.									
Steel	100%			LIFE	**				
Other Observation, Extent : Light, Area Affected : 1% Location : Spans 13 And 14. Explanation : Swing Span.									

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$5,600	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 8 - 12 And 15 - 21.							
	Explanation : Concrete Median.							
Steel	100%			LIFE	**	4-8	\$27,500	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 13 And 14							
	Explanation : Swing Spans							
Railings/Parapets								
Steel	78%			LIFE	**	2-8	\$40,300	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 8 - 21							
	Explanation : Pipe Railing And Chain-link Fence On Both Sides							
Steel	22%			LIFE	**	2-8	\$40,300	
	Other Observation, Extent : Severe, Area Affected : 1%							
	Location : Spans 1 - 7.							
	Explanation : Pipe Railing And Chain-link Fence On One Side Only.							
Sidewalks								
Concrete	78%			2033	**	5	\$28,100	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 8 - 21							
	Explanation : Concrete Sidewalk On Both Sides.							
Concrete	22%			2033	**	5	\$28,100	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1 - 7.							
	Explanation : Concrete Sidewalk On One Side Only.							
Grating w/ Concrete	100%			2051	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 13 And 14.							
	Explanation : Swing Span							
Wearing Surface								
Asphalt	100%			2029	**	5	\$84,700	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1 - 12 (Both Sides) And 15 - 21 (Left Side)							
	Explanation : Asphalt Wearing Surface.							
Concrete	100%			2038	**	5	\$368,400	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 15 - 21 (Right Side Only)							
	Explanation : Concrete Wearing Surface.							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$23,900	
Grating w/ Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 13 And 14.							
	Explanation : Swing Span.							

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DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%			LIFE		* *		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 12 And 14.</i>								
<i>Explanation : Steel Joint.</i>								
Generic	80%			LIFE		* *		
Generic	20%	0-2	\$3,800	LIFE		* *		
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 3, 9, 11 And 18.</i>								
Primary Member								
Steel	100%			LIFE		* *	2-8	\$401,200
Secondary Member								
Steel	100%			LIFE		* *	2-8	\$336,100
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE		* *		
Swing Span Pivot Pier								
Concrete	100%			LIFE		* *		

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	\$11,100	2023	\$18,400			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Entire Bridge							
	Explanation : Intercom System Is Not Functioning							
Control System Electrical								
Computer								
PLC	50%			2024	\$12,600			
PLC	50%			2024	\$12,600			
Control Console								
Stainless Steel	50%			LIFE		* *		
Stainless Steel	50%			LIFE		* *		
Control Devices								
Relay	100%			2042		* *		
Disconnect Switch								
Generic	100%			2042		* *		
Limit Switch								
Generic	100%	0-2	\$1,500	2038		* *		
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : East Center End Lift							
	Explanation : Rotary Limit Switch Missing Cover Allow Severe Corrosion.							
Local Starter								
Magnetic	100%			2042		* *		

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DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Drive									
	Machinery Brake Thruster	100%			2045	**	1	\$600	
	Motor Brake Thruster	100%			2045	**	1	\$1,100	
	Span Lock Motor Generic	100%			2051	**			
	Wedge Motor Generic	100%			2051	**	1	\$1,100	
Electrical Power									
	MCC								
	Generic	100%	Now	\$5,600	2042	**			
		Other Observation, Extent : Severe, Area Affected : 25%							
		Location : Center Pier Mcc							
		Explanation : End Lifts Do Not Disengage. Due To This The Bridge Will Not Open.							
	Panelboard								
	Circuit Breaker	100%			2042	**	1	\$6,700	
	Service Equipment								
	Circuit Breaker	100%			2042	**			
	Transfer Switch								
	Auto	100%			2042	**			
	Transformer								
	Dry	100%			2042	**			
Exterior Lighting									
	Lighting Contactor								
	Generic	100%			2042	**	1	\$5,600	
	Lighting Fixture								
	HID	100%			2024	\$25,400			
	Pole								
	Aluminum	100%			2029	**			
Interior Lighting									
	Lighting Fixture								
	Fluorescent	100%	Now	\$200	2029	**	1	\$5,000	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Various							
		Explanation : Service Lighting Needs Relamping Or Ballast Replacement.							
	Wiring Device								
	Generic	100%			2033	**			
Navigation Lighting									
	Fender Lighting								
	Incandescent	100%	Now	\$500	2023	\$9,000	1	\$3,000	
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Center Pier							
		Explanation : North Tip And Center East Navigation Lights Out.							
	Pier Lighting								
	Incandescent	100%			2023	\$6,000	1	\$4,500	

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DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Navigation Lighting								
Span Lighting								
Incandescent	100%	Now	\$3,600	2023	\$7,100	1	\$2,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various								
Explanation : Various Service Lighting Fixtures Are Out. Need Relamping.								
Raceway								
Box								
Pull Junction	100%	Now	\$200	2030	* *	1	\$3,500	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Machine Room								
Explanation : Pull Box For Grounding Transformers Is Corroded And Latches Do Not Close.								
Collector Ring								
Metal	100%			2033	* *			
Conduit								
Metal	100%			2060	* *			
Submarine Control Cables								
Generic	100%			2029	* *			
Submarine Power Cable								
Power	100%			2029	* *			
Trough								
Metal	100%			2060	* *	1	\$1,100	
Wires								
Thermoplastic	100%			2042	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2038	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2020	\$14,800	1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%	Now	\$700	2024	\$14,800	1	\$1,000	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Sw Warning Gate								
Explanation : 3 Arm Lights Broken								
Traffic Gong								
Generic	100%			2024	\$15,600	1	\$600	
Traffic Signal								
Generic	100%			2024	\$238,200	1	\$600	

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Swing

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DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch Generic	100%	Now	\$27,200	2028	\$136,100	2	\$18,000	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Center Latches								
Explanation : No Operation Observed. Cracks In Bar Housing.								
Center Pivot Generic	100%	0-2	\$177,900	2040	* *	2	\$53,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Center Pivot Pier								
Explanation : No Operation Observed. Some Corrosion. Difficult To Access Interior.								
End Lift Generic	100%	Now	\$228,600	2040	* *	2	\$35,900	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : End Lifts								
Explanation : End Lifts Do Not Function Properly. Limit Switches And Couplings Are In Poor Condition.								
Houses								
Access Ways	100%	Now	\$68,200	2040	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Accessways And Fender Decking								
Explanation : Corroded Grating And Supports. Some Nails Are Popping Out Of Boards Around The Pier. Missing Pinion Platform								
Control House	100%	Now	\$17,100	2040	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control House								
Explanation : No Heat Or Ac								
Main Drive System Generic	100%	Now	\$52,300	2028	\$1,045,400	2	\$179,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Drive Machinery								
Explanation : Bridge Could Not Be Operated. Some Corrosion. Some Rack Nuts Not Seated.								
Structural Bearings Generic	100%	0-2	\$43,700	2028	\$109,200			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Rest Piers								
Explanation : Grout Pads Are Deteriorating								
Traffic Devices								
Barrier Gate	100%	Now	\$7,300	2028	\$366,500			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Barrier Gates								
Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion								
Warning Gate	100%	Now	\$1,900	2028	\$92,600			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Warning Gates								
Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion								

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Address : BSP X-ING MILL BASIN
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0022.090 / 4318 **Yr Built/Renovated** : 1941 /
Area Sq Ft : 73,525 **Project Type** : WATERWAY BRIDGES
Date of Survey : 24-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231479

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$41,684,000	\$5,815,500
Bridge Electrical	\$2,120,900	\$35,300
Bridge Mechanical	\$3,179,900	\$4,352,900
Total	\$46,984,900	\$10,203,700
Importance Code A	\$37,652,100	\$1,663,300
Importance Code B	\$8,399,600	\$7,711,300
Importance Code C	\$933,300	\$829,000
Total	\$46,984,900	\$10,203,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$90,300		\$296,600	
Bridge Electrical	\$62,400	\$600	\$600	\$600
Bridge Mechanical	\$39,500	\$11,600		
Total	\$192,200	\$12,200	\$297,100	\$600
Importance Code A	\$44,900		\$150,600	
Importance Code B	\$144,000	\$12,200	\$146,500	\$600
Importance Code C	\$3,300			
Total	\$192,200	\$12,200	\$297,100	\$600



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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	Now	\$11,700	LIFE		**		
			Erosion, Extent : Severe, Area Affected : 10%					
			Location : Both Beginning And End Abutments					
Stem (breastwall)								
Concrete	100%	4+	\$447,600	LIFE		**		
			Cracks, Extent : Severe, Area Affected : 40%					
			Location : End Abutment					
			Delaminations, Extent : Moderate, Area Affected : 10%					
			Location : End Abutment					
			Efflorescence, Extent : Moderate, Area Affected : 10%					
			Location : End Abutment					
			Spalling, Extent : Light, Area Affected : 5%					
			Location : End Abutment					
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	4+	\$262,600	LIFE		**		
			Erosion, Extent : Severe, Area Affected : 20%					
			Location : At All Four Wingwalls					
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$75,700	LIFE		**		
			Cracking/Crumbling, Extent : Moderate, Area Affected : 10%					
			Location : Random Locations At The End South Wingwall					
			Delaminations, Extent : Light, Area Affected : 10%					
			Location : Random Locations At All Wingwalls					
Feature Crossed								
Mat (scour & erosion)								
Earth	100%	Now	\$59,200	LIFE		**		
			Erosion, Extent : Severe, Area Affected : 15%					
			Location : Pier 2 South Side					
Stream Bed	100%			LIFE		**		
Pier Protection								
Timber	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%	4+	\$58,000	2025	\$290,000	4	\$9,700	
			Cracks, Extent : Moderate, Area Affected : 15%					
			Location : Both Approaches					

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	Now	\$16,400	LIFE			* *	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Both Approaches</i>								
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Both Approaches</i>								
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%	2-4	\$1,000	LIFE			* *	
<i>Erosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Guide Railing								
Steel	50%	Now	\$1,500	LIFE			* *	2-8 \$5,800
<i>Damaged Railing, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Beginning Approach South Side And Median</i>								
Steel	50%	Now	\$700	LIFE			* *	2-8 \$5,800
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : End Approach South Side</i>								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%	2-4	\$2,400	2025	\$11,900	4		\$800
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Approach South Side</i>								
Piers								
Cap Beam								
Concrete	60%	2-4	\$490,400	LIFE			* *	
<i>Delaminations, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Piers 3, 4, 5, 10, 11 And 13</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Piers 3, 4, 5, 10, 11 And 13</i>								
Concrete	40%			LIFE			* *	

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	44%			LIFE		* *		
Concrete	33%	4+	\$1,970,500	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 20%								
Location : All Piers								
Delaminations, Extent : Light, Area Affected : 20%								
Location : All Piers								
Exposed Reinforcement, Extent : Light, Area Affected : 20%								
Location : All Piers								
Spalling, Extent : Light, Area Affected : 20%								
Location : All Piers								
Concrete	23%	0-2	\$343,300	LIFE		* *		
Cracks, Extent : Severe, Area Affected : 5%								
Location : Piers 3 And 11								
Delaminations, Extent : Moderate, Area Affected : 5%								
Location : Piers 3 And 11								
Stem,Solid Pier								
Concrete	25%	4+	\$290,800	LIFE		* *		
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Piers 2 And 12								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Piers 2 And 12								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Piers 2 And 12								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Piers 2 And 12								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Piers 2 And 12								
Concrete	75%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Steel	100%	2-4	\$2,267,300	LIFE		* *	2-8	\$40,300
Corrosion, Extent : Severe, Area Affected : 30%								
Location : Piers 2, 3, 4, 5, 10, 11 And 12								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	4+	\$3,200	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 12								
Explanation : Solid Stem Pier								
Pedestals								
Concrete	100%	4+	\$25,400	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Pier 11								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Piers 2 And 11								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete	100%	Now	\$3,861,300	2044	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Spans 9, 10, 11, 12, 13 And 14 North Side							
	Steel	100%			LIFE	* *			
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Spans 9 - 14 On The South Side							
Median									
	Concrete	100%	4+	\$78,700	LIFE	* *	5	\$3,300	
		Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 And 14							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 And 14							
	Steel	30%	4+	\$17,800	LIFE	* *	4-8	\$26,500	
		Corrosion, Extent : Moderate, Area Affected : 20%							
		Location : Random Spans							
	Steel	70%			LIFE	* *	4-8	\$26,500	
Railings/Parapets									
	Steel	10%	4+	\$5,400	LIFE	* *	2-8	\$36,800	
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Span 7							
		Damaged Railing, Extent : Light, Area Affected : 5%							
		Location : Span 9							
	Steel	90%			LIFE	* *	2-8	\$36,800	
Sidewalks									
	Concrete	40%	4+	\$48,500	2029	* *	5	\$10,400	
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Random Spans							
	Concrete	30%	0-2	\$109,000	2032	* *	5	\$10,400	
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Random Spans							
	Concrete	30%	Now	\$109,000	2029	* *	5	\$10,400	
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14							
	Steel	100%			2054	* *	2-8		
		Recent Replace Evident, Extent : Light, Area Affected : 25%							
		Location : Spans 9, 10, 11, 12, 13, And 14 On The Right Sidewalk							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	50%	0-2	\$91,000	2025	\$227,600	5	\$42,000	
	Cracks, Extent : Moderate, Area Affected : 30%							
	Location : Random Spans							
	Settlement, Extent : Moderate, Area Affected : 5%							
	Location : Span 14							
	Spalling, Extent : Moderate, Area Affected : 30%							
	Location : Random Spans							
Asphalt	50%	2-4	\$68,300	2025	\$227,600	5	\$42,000	
	Cracks, Extent : Moderate, Area Affected : 25%							
	Location : Random Spans							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Random Spans							
Superstructure								
Deck,Structural								
Concrete	90%	4+	\$2,682,700	LIFE	* *	5	\$72,800	
	Cracks, Extent : Moderate, Area Affected : 50%							
	Location : Spans 1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13 And 14							
	Delaminations, Extent : Light, Area Affected : 10%							
	Location : Random Spans							
	Efflorescence, Extent : Light, Area Affected : 30%							
	Location : Random Spans							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random Spans							
Concrete	10%	Now	\$59,600	LIFE	* *	5	\$72,800	
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Span 10							
	Explanation : 6 Feet x 7 Feet Hole In The Deck							
Joints								
Generic	100%	Now	\$111,200	LIFE	* *			
	Leakage, Extent : Severe, Area Affected : 50%							
	Location : Piers 2, 3, 4, 5, 10, 11 And 12							
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Piers 2, 3, 4, 5, 10, 11 And 12							
	Explanation : Joints Paved Over							

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$2,857,900	LIFE	* *	5	\$38,600	
		Cracks, Extent : Severe, Area Affected : 50%							
		Location : Spans 13 And 14							
		Efflorescence, Extent : Moderate, Area Affected : 50%							
		Location : Spans 1, 2, 13 And 14							
	Steel	25%	4+	\$13,781,500	LIFE	* *	2-8	\$1,358,800	
		Corrosion, Extent : Moderate, Area Affected : 25%							
		Location : Spans 3, 4, 9, 10 And 11							
		Loss of Section, Extent : Moderate, Area Affected : 20%							
		Location : Spans 3, 4, 9, 10 And 11							
	Steel	75%			LIFE	* *	2-8	\$1,358,800	
	Secondary Member								
	Concrete	90%			LIFE	* *	5	\$933,900	
	Concrete	10%	2-4	\$5,000	LIFE	* *	5	\$933,900	
		Spalling, Extent : Severe, Area Affected : 50%							
		Location : Spans 1 And 14							
	Steel	90%			LIFE	* *	2-8	\$1,138,600	
	Steel	10%	4+	\$46,500	LIFE	* *	2-8	\$1,138,600	
		Corrosion, Extent : Moderate, Area Affected : 10%							
		Location : Span 7							
Movable Bridges									
	Bascule Span								
	Steel	100%	4+	\$11,303,100	LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Bascule Span 8							
		Explanation : Corrosion On Steel And Counterweight Deterioration							
	Bascule Span Pier								
	Concrete	10%	4+	\$210,400	LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Bascule Piers 7 And 8							
		Explanation : Concrete Deterioration							
	Concrete	90%			LIFE	* *			

Bridge Electrical		Current Repair			Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Communication Electrical										
Communications										
	Generic	100%	Now	\$35,300	2024	\$35,300				
Other Observation, Extent : Severe, Area Affected : 100%										
Location : Operators Room										
Explanation : Land Line Desktop Phone Not Functioning										

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** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical									
	Intercom								
	Generic	100%	Now	\$14,700	2024	\$14,700			
			Other Observation, Extent : Severe, Area Affected : 100%						
			Location : Entire Bridge						
			Explanation : Public Address System Broken And Missing Parts						
Control System Electrical									
	Control Console								
	Metal	100%	Now	\$7,400	2041		* *		
			Other Observation, Extent : Severe, Area Affected : 25%						
			Location : Control Console						
			Explanation : Position Indicators Inoperative						
	Control Devices								
	Relay	100%			2029		* *		
	Disconnect Switch								
	Non Fused	100%			2029		* *		
	Limit Switch								
	Lever	100%			2019				
	Plunger	100%			2019				
	Generic	100%			2029		* *		
Drive									
	Machinery Brake								
	Thruster	100%			2044		* *		
	Motor Brake								
	Thruster	100%	0-2	\$63,100	2044		* *		
			Other Observation, Extent : Moderate, Area Affected : 30%						
			Location : Machinery Room						
			Explanation : Emergency Brakes						
	Span Lock Motor								
	Generic	100%			2034		* *		
Electrical Power									
	MCC								
	Contactors	100%			2037		* *		
	Panelboard								
	Circuit Breaker	100%			2029		* *		
	Service Equipment								
	Circuit Breaker	100%			2037		* *		
	Transfer Switch								
	Manual	100%			2037		* *		
Exterior Lighting									
	Lighting Contactor								
	Generic	100%			2029		* *	1	\$5,600
	Lighting Fixture								
	HID	100%			2022				
	Pole								
	Aluminum	100%			2025				

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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
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior Lighting								
Lighting Fixture								
Fluorescent	100%	Now	\$1,000	2028	\$3,300			
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							
	Explanation : Service Lighting Fixtures Are Inoperable							
HID	100%	Now	\$1,300	2028	\$3,300			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 40%							
	Location : Lighting Fixtures Throughout Bridge Are Broken							
Incandescent	100%	4+	\$700	2024	\$3,300			
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout							
	Explanation : Lighting Fixtures Broken							
Wiring Device								
Generic	100%			2032			* *	
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	\$18,800	2024	\$18,800			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Fender Area							
	Explanation : Inoperable Navigation Lights							
Span Lighting								
Incandescent	100%	0-2	\$15,100	2023	\$30,100			
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Center Of Span							
	Explanation : 2 Of 4 Span Navigation Lights Are Inoperable							
Power Over 600V								
Transformer								
Oil	100%			2022				
Raceway								
Communications								
Twisted Shielded pair	100%			2019				
Conduit								
Metal	100%	4+	\$518,900	2064			* *	
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Random Locations Throughout							
	Explanation : Conduits Completely Corroded In Some Locations							
Submarine Control Cables								
Control	100%			2019				
Submarine Power Cable								
Power	100%			2022				
Trough								
Metal	100%			2039			* *	
Wires								
Rubber	100%	0-2	\$181,000	2044			* *	
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Random Locations Throughout							
	Explanation : Conductors Get Wet Due To Corroding Conduit And Junction Boxes.							

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Raceway

Wiring

Generic

100% Now \$1,084,400 2029 * *

Other Observation, Extent : Light, Area Affected : 50%

Location : Random Locations Throughout

Explanation : Pull Boxes Corroded And Not Providing Protection

Span Lock

Motor

Squirrel Cage

100% 2027

Traffic System Electrical

Traffic Gate Lighting

Incandescent

100% 2019

Traffic Gong

Generic

100% Now \$2,900 2024 \$2,900

Other Observation, Extent : Severe, Area Affected : 50%

Location : Warning Gates/ Bridge Approach

Explanation : Traffic Gong Not Working

Traffic Signal

Generic

100% 2022 \$238,200

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Bascule

Counter Weight

Generic

100% 2-4 \$541,700 2052 * *

Other Observation, Extent : Moderate, Area Affected : 30%

Location : Underside Of Counterweights

Explanation : Spalling Concrete And Exposed Re-bar On Both Counterweights.

Emergency Drive

Emergency Power

50% Now \$35,400 2039 * *

Other Observation, Extent : Severe, Area Affected : 30%

Location : North Leaf

Explanation : Corroded Motor Coupling And The Brake Thrustor Is Leaking. System Could Not Be Tested.

Emergency Power

50% Now \$35,400 2039 * *

Other Observation, Extent : Severe, Area Affected : 30%

Location : South Leaf

Explanation : Components And Linkage Corroded, System Could Not Be Tested.

Fuel Tanks

Generic

100% Now \$4,000 2029 * *

Other Observation, Extent : Light, Area Affected : 50%

Location : Control House

Explanation : One Of Two Tanks Leaking In Past. Now Bypassed And Only One Tank Being Used. Tank Used Has Corrosion.

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule Houses								
Access Ways	100%	Now	\$56,700	2027	\$189,100			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Access Ways								
Explanation : Some Areas Of Corroded Grating. Some Repairs Required To Doors And Grating.								
Control House	100%	Now	\$104,400	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Control House								
Explanation : Windows And Doors Need Repair.								
Machinery Room	100%	Now	\$45,100	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : South And North Machinery Rooms								
Explanation : Some Doors And Locks Need Repair.								
Lock Bars								
With Motor	100%	Now	\$288,100	2033	* *			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Span Lock Machinery Components								
Explanation : Corrosion And Limited Lubrication. Broken Hanger Reported. No Shaft Extension Covers. Some Repairs Required.								
Main Drive System								
Generic	100%	2-4	\$1,919,000	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Main Drive Machinery								
Explanation : Machinery Components Has Areas Of Moderate To Heavy Corrosion. Some Repairs/ Rehabilitation To Machinery Required.								
Rack								
Generic	100%	0-2	\$21,700	2027	\$1,084,600			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Racks								
Explanation : Some Surface Corrosion Observed On Teeth.								
Structural Bearings								
Generic	100%	Now	\$1,200	2020	\$11,600			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Live Load Bearings								
Explanation : Live Load Bearings Could Not Be Directly Accessed. From Shore, Corrosion Noted. Adjustment May Be Required.								
Traffic Devices								
Warning Gate	100%	Now	\$12,700	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Traffic Gates								
Explanation : One Gate Has Broken Anchor Bolt. Some Gates Are Missing Locks.								
Trunnion								
Generic	100%	Now	\$154,000	2027	\$3,079,200			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Trunnion Assemblies								
Explanation : Corrosion On Trunnion Assembly Components.								

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Address : SMITH STREET AND 2ND. AVENUE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0149.000 / 13512 **Yr Built/Renovated** : 1999 /
Area Sq Ft : 4,800 **Project Type** : WATERWAY BRIDGES
Date of Survey : 25-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240240

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Electrical	\$88,500	
Bridge Mechanical	\$500,400	
Total	\$588,900	
Importance Code B	\$588,900	
Total	\$588,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$26,900			
Bridge Electrical	\$86,700			\$25,300
Bridge Mechanical	\$40,800			
Total	\$154,500			\$25,300
Importance Code A	\$12,600			
Importance Code B	\$127,500			\$25,300
Importance Code C	\$14,300			
Total	\$154,500			\$25,300



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.

DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Stem (breastwall)								
	Concrete	100%			LIFE	**			
Feature Crossed									
	Bank Protection								
	Sheet Piling	100%			LIFE	**			
	Timber	100%	2-4	\$7,600	2032	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : South Of Pier 1							
		Rotted, Extent : Moderate, Area Affected : 10%							
		Location : South Of Pier 1							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pier Protection								
	Timber	100%			LIFE	**			
		Split/Dry/Cracked, Extent : Light, Area Affected : 1%							
		Location : Timber Protection At Begin Vertical Lift Pier							
Approaches									
	Pavement								
	Concrete	100%			2039	**	4	\$20,300	
		Cracks, Extent : Moderate, Area Affected : 2%							
		Location : Beginning And End Approaches							
	Curbs								
	Concrete w/ Steel Face	100%			LIFE	**			
	Sidewalks								
	Concrete	100%			LIFE	**			
Deck Elements									
	Curbs								
	Concrete w/ Steel Face	100%			LIFE	**			
	Sidewalks								
	Concrete	100%			2034	**	5		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Spans 1 And 3							
		Explanation : Sidewalk Is In Good Condition							
	Wearing Surface								
	Asphalt	100%			2029	**	5		
Superstructure									
	Primary Member								
	Concrete	100%			LIFE	**	5		
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Spans 1 And 3							
		Explanation : Concrete Deck							
Movable Bridges									
	Vertical Lift Span								
	Steel	100%			LIFE	**			

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Movable Bridges

Vertical Lift Tower

Steel

5% Now \$12,600 LIFE * *

*Other Observation, Extent : Severe, Area Affected : 1%**Location : Begin Vertical Lift Pier I, North Bearing**Explanation : North Side Rocker Bearing Tilted Approximately 45 Degrees*

Steel

95% LIFE * *

Vertical Lift Pier

Concrete

100% LIFE * *

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

Communications

Generic

100% Now \$21,200 2022 \$35,300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Entire Bridge**Explanation : CCTV, Fire Alarm, Security System, Public Address Not Functioning*

Control System Electrical

Computer

PLC

100% Now \$15,200 2022 \$25,300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electric Room**Explanation : Bridge Operates Under Half Speed- Otherwise It Goes Out Of Skew. East Height Indicator Broken.*

Control Console

Stainless Steel

100% Now \$9,400 LIFE * *

*Other Observation, Extent : Light, Area Affected : 10%**Location : Plc User Console**Explanation : Alarm Printer Not Functioning*

Disconnect Switch

Generic

100% 2044 * *

Limit Switch

Generic

100% 2044 * *

Electrical Power

Transfer Switch

Auto

100% Now \$20,000 2044 * *

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : Transfer Switch Not Working, Only Stays On Primary Power.*

Heating

Generic

100% 2044 * *

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DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Electrical Power									
	Dist Equip & Motor Controll								
	Generic	1%	Now	\$11,200	2044		* *		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Bridge Control System/ Motor Controllers							
		Explanation : Bridge Operators Are Told To Run Bridge In Reduced Speed To Avoid Skew And Not To Fully Open To Avoid Skew							
	Generic	99%			2044		* *		
Navigation Lighting									
	Pier Lighting								
	Incandescent	100%			2023				
	Span Lighting								
	Incandescent	100%			2023				
Raceway									
	Conduit								
	Metal	100%			2064		* *		
	Submarine Control Cables								
	Not Accessible	100%							
	Submarine Power Cable								
	Not Accessible	100%							
	Wiring								
	Generic	100%	Now	\$53,200	2029		* *		
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Control Cabinets							
		Explanation : Not All Conductors And Conduits Are Grounded							
Stand-by Power									
	Generator								
	Natural Gas	100%			2044		* *		
Lighting									
	Lighting Devices								
	Generic	100%	Now	\$9,700	2029		* *		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Light Fixtures Throughout Bridge							
		Explanation : Light Bulbs Out							

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Counter Weight Ropes & Gu								
Generic	100%	Now	\$8,600	2059		* *		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Cwt Guides								
Explanation : Minor Corrosion On Guide Fasteners.								
Counter Weight								
Main CTRWT	100%			2059		* *		

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Emergency Drive								
Emergency Power	100%			2052		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Machine Rooms And At Roadway Level								
Explanation : System Could Not Be Tested.								
End Locks								
With Motor	100%	Now	\$356,900	2052		* *		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Lock Machinery								
Explanation : All Locks Are Currently Kept In The Withdrawn Position. Corrosion Observed. Repairs Needed.								
Houses								
Access Ways	100%	Now	\$12,900	2037		* *		
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Span Lock Access								
Explanation : Hatches Need Repair.								
Control House	100%	Now	\$13,900	2059		* *		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Control House								
Explanation : Leaking Windows And Roof								
HVAC	100%			2052		* *		
Machinery Room	100%			2059		* *		
Main Drive System								
Generic	100%	Now	\$143,500	2059		* *		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Machine Rooms								
Explanation : Motors, Brakes And Reducers Making Noise. Brakes Require Cleaning And Possible Adjustment.								
Sheaves								
Generic	1%	Now	\$700	2059		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Sheave Rooms								
Explanation : Missing Purge Plug Noted At One Location.								
Generic	99%			2059		* *		
Traffic Devices								
Barrier Gate	100%			2033		* *		
Warning Gate	100%	Now	\$4,700	2033		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Warning Gate								
Explanation : Broken Door Hardware Noted								

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Address : EASTCHESTER BAY,BX, PELHAM PKY
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0045.000 / 2469 **Yr Built/Renovated** : 1906 / 1981
Area Sq Ft : 42,640 **Project Type** : WATERWAY BRIDGES
Date of Survey : 22-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240200

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$8,906,500	\$588,000
Bridge Electrical	\$519,400	\$2,575,500
Bridge Mechanical	\$861,500	\$1,745,000
Total	\$10,287,400	\$4,908,500
Importance Code A	\$8,697,900	\$259,900
Importance Code B	\$1,589,600	\$4,320,600
Importance Code C		\$328,100
Total	\$10,287,400	\$4,908,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$37,400	\$9,800	\$8,600	\$12,700
Bridge Electrical	\$73,700	\$200	\$200	\$200
Bridge Mechanical	\$156,300			
Total	\$267,400	\$10,000	\$8,800	\$12,900
Importance Code A	\$2,200		\$8,600	\$12,700
Importance Code B	\$230,000	\$200	\$200	\$200
Importance Code C	\$35,200	\$9,800		
Total	\$267,400	\$10,000	\$8,800	\$12,900



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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
		Other Observation, Extent : Light, Area Affected : 1%						
		Location : End Abutment						
		Explanation : Earth In Front Of Abutment At Low Tide.						
Riprap	100%			LIFE		**		
		Other Observation, Extent : Light, Area Affected : 1%						
		Location : Both Abutments						
		Explanation : Rip Rap At Begin Abutment And At Corners Of The End Abutment.						
Stem (breastwall)								
Masonry: Granite	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		**		
		Settlement, Extent : Light, Area Affected : 1%						
		Location : Begin Right Wingwall						
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE		**		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		**		
		Other Observation, Extent : Light, Area Affected : 1%						
		Location : Piers 3 And 4						
		Explanation : New Pier Protection Installed.						
Approaches								
Pavement								
Asphalt	100%	4+	\$3,200	2026	\$160,900	4	\$5,400	
		Cracks, Extent : Moderate, Area Affected : 5%						
		Location : Both Approaches						
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Earth	100%			LIFE		**		
Stone Rough Work	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	\$5,800

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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset # : 2469

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Riprap	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$98,600	LIFE	**			
	Cracks, Extent : Moderate, Area Affected : 15%							
	Location : Piers 1, 2, 5 And 6							
	Delaminations, Extent : Moderate, Area Affected : 15%							
	Location : Piers 1, 2, 5 And 6							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Piers 1, 2, 5 And 6							
Granite	100%	4+	\$110,100	LIFE	**			
	Joints Missing, Extent : Moderate, Area Affected : 50%							
	Location : Piers 1, 2, 5, 6							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Concrete	100%	4+	\$2,200	2042	**			
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Spans 1-3 And 5-7							
	Explanation : Concrete Barrier On The Bridge, Left Side Only							
Railings/Parapets								
Concrete	100%			2034	**	4	\$25,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Spans 1-3 And 5-7.							
	Explanation : Right Side Of Bridge.							
Sidewalks								
Concrete	75%			2030	**	5	\$19,700	
Concrete	25%	2-4	\$28,600	2030	**	5	\$9,800	
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Spans 1-3 And 5-7 Sidewalks.							
	Cracking/Crumbling, Extent : Severe, Area Affected : 20%							
	Location : Spans 1-3 And 5-7 Fascias							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Spans 1-3 And 5-7 Fascias.							

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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface Asphalt	100%	Now	\$3,300	2026	\$167,100	5	\$15,400	
		Cracks, Extent : Moderate, Area Affected : 2%							
		Location : Span 7 Exhibits Transverse Cracking Up To 1 Inch Wide.							
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : Pier 5, Right Side							
		Explanation : Pavement Settlement Around Drainage Scupper							
	Steel Grating	100%			LIFE	* *	5	\$11,500	
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Span 4							
		Explanation : Steel Grating In Bascule Span 4.							
Superstructure									
	Primary Member Concrete	100%	2-4	\$2,518,600	LIFE	* *	5	\$175,500	2
		Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Spans 1, 2, 3, 5, 6, 7							
		Delaminations, Extent : Severe, Area Affected : 50%							
		Location : Spans 1, 2, 3, 5, 6, 7							
		Spalling, Extent : Severe, Area Affected : 10%							
		Location : Spans 1, 2, 3, 5, 6, 7							
	Steel	100%	4+	\$2,170,400	LIFE	* *	2-8	\$157,700	
		Corrosion, Extent : Moderate, Area Affected : 25%							
		Location : Exposed Steel Truss In Random Spans.							
Movable Bridges									
	Bascule Span Steel	100%	2-4	\$2,234,200	LIFE	* *			
		Other Observation, Extent : Severe, Area Affected : 15%							
		Location : Span 4							
		Explanation : Corrosion Holes, Section Losses At Several Members Of The Primary And Secondary Members							
	Bascule Span Pier Concrete	100%	2-4	\$1,774,600	LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Piers 3 And 4							
		Explanation : Pier Wall Supporting Truss Members Is Cracking And Spalling With Exposed Rebars.							

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$35,300	2025	\$35,300			
Other Observation, Extent : Light, Area Affected : 100%								
Location : System Wide								
Explanation : The Circuits In The Submarine Cable Utilized By This Equipment Have Been Utilized For Another System.								

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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	
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$18,700	LIFE		**		
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Control Desk								
Explanation : Automatic Seating Is Not Functioning. Must Be Manually Controlled.								
Disconnect Switch								
Generic	100%			2030		**		
Limit Switch								
Generic	100%	Now	\$18,300	2038		**		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : North Leaf Toe.								
Explanation : Seating Limit Switches Are Broken.								
Electrical Power								
Transformer								
Dry	100%			2038		**		
Dist Equip & Motor Controll								
Generic	100%	Now	\$11,700	2023	\$586,500			
Other Observation, Extent : Light, Area Affected : 10%								
Location : MCC Buckets								
Explanation : Circuit Breaker Linkages Broken On Two Buckets. Southwest Motor Brake And Southeast Warning Gate								
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2030		**		
Raceway								
Submarine Control Cables								
Generic	100%			2023	\$835,300			
Wiring								
Generic	100%	Now	\$310,800	2023	\$1,036,000			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Counterweight Pits								
Explanation : Conduit And Conduit Supports Are Corroded. Junction Boxes And Pull Boxes Are Missing Covers.								
Stand-by Power								
Generator								
Diesel	100%			2045		**		
Traffic System Electrical								
Traffic Signal								
Generic	100%			2020	\$173,300	1	\$1,900	
Lighting								
Lighting Devices								
Generic	100%	Now	\$24,700	2023	\$82,400			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Toe Of Both Spans, Various								
Explanation : Ne Navigation Light Has Broken Lens. Service Lighting Needs Relamping @ Var Locations. Some Fixtures Not Operational.								

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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight Generic	100%	0-2	\$211,900	2040		* *		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : North And South Counterweights								
Explanation : Corroded Steel								
Emergency Drive Emergency Power	100%	Now	\$9,500	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Emergency Generator								
Explanation : The Bridge Has Not Been Operated On Emergency Power. Battery Reported To Be Dead. Need To Run And Test Generator.								
Fuel Tanks Generic	100%	2-4	\$5,800	2045		* *		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Sw Corner								
Explanation : Generator Fuel Tank Shows Moderate Surface Rusting.								
Houses								
Control House	100%	Now	\$27,700	2040		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control And Tenders House								
Explanation : There Are Some Window And Roof Leaks. Some Locks Need Repair.								
HVAC	100%	Now	\$8,400	2028	\$41,900			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Control House								
Explanation : Reported Heat And Ac Operation Is Poor.								
Machinery Room	100%	Now	\$15,100	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Machinery Rooms								
Explanation : Corroded Grating.								
Lock Bars With Motor	100%	Now	\$9,000	2028	\$451,200			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Lock Bars On Pier								
Explanation : Some Corrosion, Torn Protective Cover								
Without Motor	100%	Now	\$22,600	2028	\$451,200			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Jaw And Pin Locks								
Explanation : Automatic Engagement Not Functioning. Needs To Be Manually Engaged. Some Corrosion. Some Repairs Required								
Main Drive System Generic	100%	Now	\$369,700	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : South And North Machine Rooms								
Explanation : One Missing Over Speed Switch Chain, Corrosion And Lubricant Leakage. Some Broken Gauges. Misaligned Couplings								

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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset # : 2469

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Rack								
Generic	100%	Now	\$7,000	2040		**		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Southeast Rack								
Explanation : One Missing Or Broken Mounting Bolt Noted								
Structural Bearings								
Generic	100%	Now	\$28,000	2028	\$139,800			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Forward Live Load Bearings								
Explanation : Corrosion On Some Of The Anchor Bolts.								
Track								
Generic	100%	4+	\$23,300	2040		**		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Tracks								
Explanation : Corrosion And Paint Failure On Some Bolts.								
Traffic Devices								
Barrier Gate	100%	Now	\$204,000	2028	\$408,000			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Barrier Gates								
Explanation : Adjustments Required. Some Latches Do Not Function, Missing Or Broken Hardware. Two Arms Are Cracked At The Base.								
Warning Gate	100%	Now	\$75,900	2028	\$253,100			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Warning Gates								
Explanation : Some Gate Heights Need Adjustment, Missing Anchor Bolt On The Sw. Missing Hardware And Cover For Open Hole.								

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Address : NEW TOWN CREEK
Borough : BROOKLYN:QNS. **Agency's Number** : N/A
Program / Asset # : DOT0050.000 / 2476 **Yr Built/Renovated** : 1954 / 1995
Area Sq Ft : 214,183 **Project Type** : WATERWAY BRIDGES
Date of Survey : 22-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240639

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$4,268,600	\$2,355,800
Bridge Electrical	\$82,900	\$286,600
Bridge Mechanical	\$1,248,800	\$9,162,200
Total	\$5,600,400	\$11,804,700
Importance Code A	\$966,000	\$1,135,600
Importance Code B	\$4,257,000	\$10,669,100
Importance Code C	\$377,300	
Total	\$5,600,400	\$11,804,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$76,500		\$231,100	
Bridge Electrical	\$27,700	\$24,400	\$24,400	\$61,000
Bridge Mechanical	\$32,400		\$116,700	
Total	\$136,600	\$24,400	\$372,300	\$61,000
Importance Code A	\$2,300		\$108,700	
Importance Code B	\$78,500	\$24,400	\$263,500	\$61,000
Importance Code C	\$55,900			
Total	\$136,600	\$24,400	\$372,300	\$61,000



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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Footings								
Not Accessible	100%							
Joint with Deck								
Composite	50%			LIFE		* *		
Composite	50%	2-4	\$10,900	LIFE		* *		
Cracks, Extent : Severe, Area Affected : 50%								
Location : Beginning And End Abutments								
Leakage, Extent : Moderate, Area Affected : 50%								
Location : Beginning And End Abutments								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	95%			LIFE		* *		
Concrete	5%	4+	\$189,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : End Abutment								

Feature Crossed

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed									
	Bank Protection								
	Concrete	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Under Span 27							
		Explanation : Concrete Protection Is Located At The Bridge Site.							
	Timber	100%			2034	**			
Mat (scour & erosion)									
	Not Accessible	100%							
Pier Protection									
	Timber	5%	Now	\$845,200	LIFE	**			
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Bascule Piers 25 And 26							
		Other Observation, Extent : Severe, Area Affected : 25%							
		Location : Bascule Piers 25 And 26							
		Explanation : West Side 1 Of 2 Dolphin Clusters At 2 Locations Have Been Hit And Are Leaning.							
	Timber	95%	4+	\$1,605,800	LIFE	**			
		Split/Dry/Cracked, Extent : Light, Area Affected : 2%							
		Location : Bascule Piers 26 And 27							
Approaches									
	Pavement								
	Asphalt	100%	Now	\$34,400	2029	**	4	\$11,500	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : End Approach							
		Explanation : Pavement Shoving And Rutting							
	Concrete	100%			2039	**	4		
	Guide Railing								
	Concrete	100%			2039	**	4	\$6,900	
	Pavement Base								
	Not Accessible	100%							
	Sidewalks								
	Concrete	100%			LIFE	**			
Piers									
	Cap Beam								
	Concrete	100%			LIFE	**			
	Steel	100%			LIFE	**	2-8		
	Pier,Columns								
	Concrete	50%			LIFE	**			
	Concrete	50%	2-4	\$286,000	LIFE	**			
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Piers 18 - 24 And 27 - 30 And 33							
		Delaminations, Extent : Moderate, Area Affected : 25%							
		Location : Piers 19 - 24 And 27 - 30							
		Efflorescence, Extent : Moderate, Area Affected : 10%							
		Location : Piers 19 - 24 And 27 - 30							
	Steel	100%			LIFE	**	2-8	\$461,600	

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Stem,Solid Pier								
	Concrete	98%			LIFE		* *		
	Concrete	2%	4+	\$7,500	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 25%							
		Location : Pier 9 West							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Pier 40 West Corner							
	Brngs,Ancr Blts,Pads								
	Steel	100%			LIFE		* *	2-8	\$49,400
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pedestals								
	Concrete	100%			LIFE		* *		
Deck Elements									
	Guide Railing								
	Concrete	100%			2044		* *		
	Median								
	Concrete	100%			LIFE		* *	5	\$75,600
	Railings/Parapets								
	Steel	100%			LIFE		* *	2-8	\$8,000
	Sidewalks								
	Concrete	100%			2034		* *	5	\$41,100
	Wearing Surface								
	Concrete	100%	Now	\$900	2039		* *	5	\$3,000
		Broken,Missing Pave, Extent : Severe, Area Affected : 5%							
		Location : Spans 19, 31, 32, And 33 East Side Roadway							
Superstructure									
	Deck,Structural								
	Concrete	100%	4+	\$728,400	LIFE		* *	5	\$5,900
		Cracks, Extent : Moderate, Area Affected : 75%							
		Location : Spans 25 And 27							
	Grating w/ Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Span 26							
		Explanation : Only Span 26							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Composite	85%	4+	\$99,900	LIFE	* *	4	\$841,100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Piers 8, 12, 15, 18, 19, 20, 27 And 36								
Explanation : Water Leakage Noted Below Joints								
Composite	15%	Now	\$88,200	LIFE	* *	4	\$841,100	
Leakage, Extent : Moderate, Area Affected : 100%								
Location : Piers 2, 5, 9, 33, 39, 40 And 43								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Piers 2, 5, 9, 33, 39, 40 And 43								
Explanation : Torn And Cracked Sealer								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	* *			
Steel	100%			LIFE	* *	2-8	\$1,979,800	
Secondary Member								
Steel	100%	Now	\$188,300	LIFE	* *	2-8	\$1,658,400	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Span 30								
Explanation : Cross Bracing Missing 4 Of 4 Connection Rivets.								
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	* *			
Steel	10%	4+	\$163,100	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Piers 25 And 26								
Explanation : Steel Towers Exhibit Corrosion.								
Bascule Span Pier								
Concrete	90%			LIFE	* *			
Concrete	10%	0-2	\$74,600	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bascule Piers 25 And 26								
Explanation : Median Stringers 6 And 7 Pedestal Exhibit Spalls With Exposed Anchor Bolts.								

Bridge Electrical		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical									
Intercom									
	Generic	100%			2022	\$14,700			
Telephone									
	Desk Top	100%			2022				
Jack									
	Telephone	100%			2022				
Control System Electrical									

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$40,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Control Desk Span Position Meters Not Functioning								
Control Devices								
Relay	80%			2029	* *			
Relay	20%			2037	* *			
Disconnect Switch								
Non Fused	100%			2037	* *	1	\$49,400	
Limit Switch								
CAM	67%			2019		1	\$13,500	
CAM	33%			2022		1	\$13,500	
Lever	75%			2022		1	\$53,900	
Lever	25%			2019		1	\$53,900	
Drive								
Machinery Brake								
Thruster	100%			2034	* *	1	\$2,300	
Motor Brake								
Thruster	100%			2034	* *	1	\$2,300	
Span Lock Motor								
Generic	100%			2034	* *	1	\$2,300	
Electrical Power								
MCC								
Starter	100%			2022				
Contactors	75%			2022				
Contactors	25%			2037	* *			
Motor Circuit Protector	100%			2022	\$18,600	1	\$4,500	
Panelboard								
Circuit Breaker	100%			2029	* *	1	\$13,500	
Service Equipment								
Fused Disc Switch	100%			2029	* *			
Transfer Switch								
Auto	100%			2029	* *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037	* *	1	\$5,600	
Lighting Fixture								
HID	100%			2022				
Pole								
Aluminum	100%			2025				
Ground/Lightning Protection								
Ground Bus								
Not Accessible	100%							
Ground Rod								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground/Lightning Protection									
	Ground Wire								
	Green	100%			2025				
	Not Accessible	100%							
Interior Lighting									
	Lighting Fixture								
	Fluorescent	100%			2025	\$3,300	1	\$9,000	
	HID	100%	4+	\$1,700	2025	\$3,300			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout Bridge							
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout Bridge							
		Explanation : Service Lighting Fixtures Not Working							
	Incandescent	100%	4+	\$1,700	2022	\$3,300			
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Random Locations Throughout							
		Explanation : Service Lighting Fixtures Not Working							
	Wiring Device								
	Generic	100%			2024				
Raceway									
	Box								
	Pull Junction	100%			2024		1	\$13,500	
	Terminal	100%			2024		1	\$4,500	
	Conduit								
	Metal	50%			2052	**			
	Metal	50%			2039	**			
	Submarine Control Cables								
	Control	100%			2022				
	Submarine Power Cable								
	Power	100%			2022				
	Wires								
	Cloth	100%			2023	\$181,000			
	Thermoplastic	100%			2037	**			
Span Lock									
	Motor								
	Squirrel Cage	100%			2027				
Traffic System Electrical									
	Barrier Gate Lighting								
	Incandescent	100%			2022		1	\$1,100	
	Traffic Gate Lighting								
	Incandescent	100%			2022		1	\$1,100	
	Traffic Gong								
	Generic	100%			2022		1	\$600	
	Traffic Sign								
	Fixed	100%			2022				
Lighting									

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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	

Lighting

Lighting Devices

Generic

100% Now \$42,200 2025 \$105,600

Other Observation, Extent : Severe, Area Affected : 100%

Location : Fender Lights; Pier Lights; Bascule Span Lights

Explanation : Not Functioning

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Bascule

Counter Weight

Generic

100% Now \$110,500 2039 * * 2 \$71,800

Other Observation, Extent : Light, Area Affected : 5%

Location : Counterweights

Explanation : Some Open Pockets

Emergency Drive

Emergency Power

100% Now \$116,400 2039 * * 2 \$143,700

Other Observation, Extent : Severe, Area Affected : 100%

Location : Machine Rooms

Explanation : Components Are Corroding. Operation Of System Could Not Be Performed.

Fuel Tanks

Generic

100% Now \$200 2029 * *

Other Observation, Extent : Light, Area Affected : 2%

Location : Control House

Explanation : Minor Leaks

Houses

Access Ways

100% Now \$26,000 2027 \$259,900

Other Observation, Extent : Moderate, Area Affected : 5%

Location : Accessways

Explanation : Some Grating, Hatches, Safety Chains And Doors Need Repair.

Control House

100% Now \$101,700 2039 * *

Other Observation, Extent : Moderate, Area Affected : 10%

Location : Control House

Explanation : Some Doors And Windows Need Repair. Heating System And Plumbing Needs Repair.

Machinery Room

100% Now \$35,100 2039 * *

Other Observation, Extent : Light, Area Affected : 10%

Location : Machinery Rooms

Explanation : Some Doors And Enclosure Panels Need Repair.

Lock Bars

With Motor

100% Now \$47,300 2027 \$945,300 2 \$35,900

Other Observation, Extent : Moderate, Area Affected : 30%

Location : Lock Bars

Explanation : Lockbar Clearances Need To Be Reduced. Components Are Corroding And Some Leakage From Reducers.

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Main Drive System								
Generic	100%	Now	\$227,600	2027	\$4,552,500	2	\$215,500	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Machine Rooms								
Explanation : Minor Leaks. Components Are Corroding. One Machinery Brake Not Functioning.								
Rack								
Generic	100%	Now	\$91,100	2039		* *		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Racks								
Explanation : Supports And Fasteners Have Some Corrosion.								
Structural Bearings								
Generic	100%	Now	\$1,200	2027	\$11,600			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Rear Live Load Bearings								
Explanation : No Access From Platform. However Corrosion Noted On Sides And Adjustments May Be Required With Lock Adjustment.								
Traffic Devices								
Barrier Gate	100%	Now	\$315,100	2027	\$3,151,400			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Barrier Gates								
Explanation : Northwest Not Functioning. Southeast Net Hangs Low, Some Adjustments Required. Some Missing Hardware.								
Warning Gate	100%	Now	\$5,100	2027	\$253,100			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Warning Gates								
Explanation : Southeast Needs Adjustment. Some Gates Missing Hardware And Locks.								
Trunnion								
Generic	100%	Now	\$204,000	2039		* *		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Trunnion Assemblies								
Explanation : Debris And Corrosion On Trunnion Assemblies. Missing Fitting Noted At One Location.								

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET
Address : HARLEM RIVER, HARLEM RIV DR.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0042.0A0 / 4210 **Yr Built/Renovated** : 1907 / 2008
Area Sq Ft : 22,600 **Project Type** : WATERWAY BRIDGES
Date of Survey : 24-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224007A

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$631,300	\$909,400
Total	\$631,300	\$909,400
Importance Code A	\$573,000	\$340,500
Importance Code B		\$214,800
Importance Code C	\$58,300	\$354,100
Total	\$631,300	\$909,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$115,600		\$51,400	\$2,800
Total	\$115,600		\$51,400	\$2,800
Importance Code A	\$42,000		\$29,800	
Importance Code B	\$5,000		\$21,500	
Importance Code C	\$68,600			\$2,800
Total	\$115,600		\$51,400	\$2,800



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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$519,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Spalls With Exposed Rebar At Southwest Wall At Pier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Fascias								
Explanation : Cellular Abutment Wall								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$58,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Spalls With Exposed Rebar At Southeast Wingwall At Pier Joint And Along Southwest Wingwall								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								
Pavement								
Concrete	100%			2036		* *	4	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At End Of Concrete Approach Slabs								
Explanation : Asphalt Expansion Joint Between Rigid Pavement And Approach Slab								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%	4+	\$1,600	2036	* *	4	\$4,600	
	Cracks, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
Steel	100%			LIFE	* *	2-8		
	Other Observation, Extent : Light, Area Affected : 100% Location : Top Of Concrete Barrier Explanation : Steel Railing							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$30,800	2036	* *	4	\$17,600	
	Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout							
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	\$5,500	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Spalling, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	\$180,200	
Pier,Columns								
Concrete Encased Steel	95%			LIFE	* *	5	\$200	
	Other Observation, Extent : Light, Area Affected : 10% Location : Pier 2 Explanation : Joint Leaking And Water Stains							
Concrete Encased Steel	5%	4+		LIFE	* *	5	\$200	
	Spalling, Extent : Light, Area Affected : 5% Location : Corrosion To Steel Protective Angles And Delamination / Spall Of Concrete Cover							
Stem,Solid Pier								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	\$5,000	LIFE	* *			
	Leakage, Extent : Light, Area Affected : 10% Location : Both Ends At Pier 5							
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			

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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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Piles								
	Not Accessible	100%							
Deck Elements									
	Guide Railing								
	Concrete	100%	4+	\$9,600	2040	* *			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
	Steel	100%			LIFE	* *			
Median									
	Concrete	100%			LIFE	* *	5	\$3,500	
Railings/Parapets									
	Steel	100%			LIFE	* *	2-8	\$13,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Railings Are On East Side Of Bridge							
Sidewalks									
	Concrete	100%			2032	* *	5	\$5,600	
Wearing Surface									
	Asphalt	100%	4+	\$29,100	2028	\$290,800	5	\$14,600	
		Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Southbound Lane							
		Explanation : Asphalt Wearing Surface On One Side Of The Lane Only							
	Concrete	100%	4+	\$33,600	2036	* *	5	\$63,300	
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Near End Abutment End							
Scupper									
	Cast Iron	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : 14 Scuppers							
Superstructure									
	Deck,Structural								
	Concrete	90%			LIFE	* *	5	\$23,900	
	Concrete	10%	4+	\$53,900	LIFE	* *	5	\$23,900	
		Corrosion, Extent : Severe, Area Affected : 40%							
		Location : Stay In Place Forms Under East And West Fascia Girders							
Joints									
	Generic	95%			LIFE	* *			
	Generic	5%	4+	\$500	LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Joint Filler Is Depressed							

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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
RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET
Asset # : 4210

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$401,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$336,100	

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Address : OVER RICHMOND CREEK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0154.000 / 13517 **Yr Built/Renovated** : 1931 /
Area Sq Ft : 32,589 **Project Type** : WATERWAY BRIDGES
Date of Survey : 31-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240350

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$164,000	\$164,000
Total	\$164,000	\$164,000
Importance Code A	\$70,900	\$70,900
Importance Code C	\$93,200	\$93,200
Total	\$164,000	\$164,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$312,600		\$63,800	
Total	\$312,600		\$63,800	
Importance Code A	\$108,100		\$4,300	
Importance Code B	\$22,100			
Importance Code C	\$182,500		\$59,600	
Total	\$312,600		\$63,800	



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
RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Asset # : 13517

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Composite	100%	2-4	\$22,100	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 40%								
Location : Both Abutments								
Explanation : Missing/ Damaged Seal								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	4+	\$10,500	LIFE		* *		
Erosion, Extent : Moderate, Area Affected : 100%								
Location : Begin Abutment West Side								
Piles								
Not Accessible	100%							
Walls								
Concrete	7%	4+	\$22,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout Both Abutments								
Concrete	93%			LIFE		* *		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Approaches								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Asset # : 13517

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$119,200	
Concrete	100%	4+	\$27,800	2037	**	4	\$32,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both End Approaches								
Spalling, Extent : Light, Area Affected : 5%								
Location : Both End Approaches								
Curbs								
Concrete w/ Steel Face	28%	2-4	\$15,200	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Concrete w/ Steel Face	72%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$233,000	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	5%	4+	\$4,400	LIFE	**			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : East And West Approach								
Concrete	95%			LIFE	**			
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Asset # : 13517

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete w/ Steel Face	100%	4+	\$17,700	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Guide Railing									
	Concrete	100%			2041	**			
Median									
	Concrete	100%	4+	\$9,800	LIFE	**	5	\$3,400	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Settlement, Extent : Moderate, Area Affected : 10%									
Location : Random Locations Throughout									
Railings/Parapets									
	Concrete	100%	4+	\$5,400	2037	**	4	\$800	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
	Steel	100%			LIFE	**	2-8	\$20,900	
Other Observation, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Explanation : Steel Railing On Top Of Parapet									
Sidewalks									
	Concrete	90%	4+	\$9,900	2033	**	5	\$6,700	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
	Concrete	10%			2033	**	5	\$13,300	
Wearing Surface									
	Concrete	100%			2037	**	5	\$186,300	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Scupper									
	Ductile Iron	100%			LIFE	**			
Superstructure									
	Deck,Structural Concrete	100%			LIFE	**	5	\$71,700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Underside									
Explanation : Underside Not Accessible									
Joints									
	Composite	80%	2-4	\$14,700	LIFE	**	4	\$185,500	
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Explanation : Missing/ Damaged Seal									
	Composite	20%			LIFE	**	4	\$278,300	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Asset # : 13517

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Not Accessible		100%						
Secondary Member								
Not Accessible		100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL
Address : RIKERS ISL CHANNEL
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0052.000 / 2478 **Yr Built/Renovated** : 1966 /
Area Sq Ft : 183,419 **Project Type** : WATERWAY BRIDGES
Date of Survey : 02-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240660

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$1,605,000	\$1,399,200
Total	\$1,605,000	\$1,399,200
Importance Code A	\$700,100	\$115,600
Importance Code C	\$905,000	\$1,283,600
Total	\$1,605,000	\$1,399,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$26,200	\$3,600	\$12,900	
Total	\$26,200	\$3,600	\$12,900	
Importance Code A	\$8,200	\$1,300	\$12,900	
Importance Code C	\$18,000	\$2,300		
Total	\$26,200	\$3,600	\$12,900	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL
Asset # : 2478

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *		
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	80%			2028	\$289,200	4	\$6,800	
Asphalt	20%	2-4	\$14,500	2028	\$72,300	4	\$4,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Pothole At Interface Of Begin Abutment								
Curbs								
Concrete w/ Steel Face	95%			LIFE		* *		
Concrete w/ Steel Face	5%	4+	\$500	LIFE		* *		
Corrosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Embankment								
Earth	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL
Asset # : 2478

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2036	**	4	\$3,800	
Steel	75%			LIFE	**	2-8	\$5,800	
Steel	25%	4+	\$7,700	LIFE	**	2-8	\$5,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$3,500	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%								
Location : At Top Surface								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : South Entrance								
Other Observation, Extent : Light, Area Affected : 2%								
Location : East Sidewalk								
Explanation : Water Main Utility								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Steel	80%			LIFE	**			
Steel	20%	4+	\$86,800	LIFE	**			
Rust Stains, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	70%			LIFE	**	2-8	\$175,900	
Steel	30%	4+	\$613,300	LIFE	**	2-8	\$175,900	
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL
Asset # : 2478

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	90%			2032	* *	5	\$81,200	
Concrete	10%	4+	\$124,600	2032	* *	5	\$40,600	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Wearing Surface								
Concrete	90%			2036	* *	5	\$840,900	
Concrete	10%	4+	\$319,300	2036	* *	5	\$420,500	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Transverse And Map Cracking Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random And At Deck Joints								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Only Spans 54 And 55 Were Observed From The Underside. Fatigue Prone Detail, Partial Length Cover Plates Noted.								
Secondary Member								
Not Accessible	100%							

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Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Address : VAN WYCK EXPY, FLUSHING RIV.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0049.070 / 2573 **Yr Built/Renovated** : 1924 /
Area Sq Ft : 84,425 **Project Type** : WATERWAY BRIDGES
Date of Survey : 18-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240507

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$6,495,500	\$4,053,700
Total	\$6,495,500	\$4,053,700
Importance Code A	\$2,364,300	\$1,857,000
Importance Code B	\$1,233,800	\$1,671,200
Importance Code C	\$2,897,400	\$525,500
Total	\$6,495,500	\$4,053,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$567,500		\$337,300	
Total	\$567,500		\$337,300	
Importance Code A	\$318,500		\$169,700	
Importance Code B	\$168,200		\$167,600	
Importance Code C	\$80,800			
Total	\$567,500		\$337,300	



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
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER

Asset # : 2573

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$16,100	LIFE		**		
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : At Begin Abutment								
Leakage, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose Elements, Extent : Light, Area Affected : 15%								
Location : Joint With Sidewalk								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : End Abutment								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	9%	4+	\$10,200	LIFE		**		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : East Abutment Both Wingwalls								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : East Abutment South Wingwall								
Other Observation, Extent : Light, Area Affected : 50%								
Location : West Abutment Wingwalls								
Explanation : Area Fenced Off By M. T. A. And Other Private Properties								
Concrete	91%			LIFE		**		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Asset # : 2573

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Feature Crossed									
Mat (scour & erosion)									
Generic	100%			LIFE	**				
Approaches									
Pavement									
Asphalt	100%	4+	\$20,100	2029	**	4	\$5,800		
			Cracks, Extent : Moderate, Area Affected : 20%						
			Location : Random Locations Throughout						
			Settlement, Extent : Moderate, Area Affected : 5%						
			Location : Random Locations Throughout						
Concrete	100%	4+	\$3,000	2037	**	4	\$5,400		
			Spalling, Extent : Moderate, Area Affected : 10%						
			Location : East Approach						
Curbs									
Concrete	100%			LIFE	**				
Concrete w/ Steel Face	100%	2-4	\$12,300	LIFE	**				
			Settlement, Extent : Moderate, Area Affected : 50%						
			Location : End Approach South Side						
Embankment									
Not Accessible	100%								
Guide Railing									
Concrete	100%			2037	**	4	\$2,000		
Mat (scour & erosion)									
Earth	100%			LIFE	**				
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Steel	100%	4+	\$9,000	LIFE	**				
			Corrosion, Extent : Light, Area Affected : 20%						
			Location : Random Locations Throughout						
Sidewalks									
Concrete	75%	4+	\$15,700	LIFE	**				
			Cracks, Extent : Light, Area Affected : 5%						
			Location : Deteriorated Area More Severe On West Approach						
			Settlement, Extent : Moderate, Area Affected : 20%						
			Location : Deteriorated Area More Severe On West Approach						
Concrete	25%			LIFE	**				
Piers									
Cap Beam									
Not Accessible	100%								
Pier,Columns									
Not Accessible	100%								
Stem,Solid Pier									
Not Accessible	100%								
Brngs,Ancr Blts,Pads									
Not Accessible	100%								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Asset # : 2573

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pedestals								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
Deck Elements									
	Guide Railing								
	Concrete	100%			2041	**			
	Railings/Parapets								
	Steel	50%			LIFE	**	2-8	\$23,900	
		Corrosion, Extent : Light, Area Affected : 15%							
		Location : Throughout							
	Steel	50%			LIFE	**	2-8	\$23,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : North Side							
		Explanation : Under Construction							
Sidewalks									
	Concrete	50%	4+	\$31,600	2033	**	5	\$23,500	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Concrete	50%			2033	**	5	\$47,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : North Side							
		Explanation : Under Construction							
Wearing Surface									
	Concrete	30%	4+	\$174,800	2037	**	5	\$175,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : North Side							
		Explanation : Under Construction							
	Concrete	43%	Now	\$2,504,900	2043	**	5	\$175,200	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Exposed Reinforcement, Extent : Moderate, Area Affected : 5%							
		Location : Mid Span							
		Spalling, Extent : Severe, Area Affected : 5%							
		Location : Mid Span							
	Concrete	27%			2037	**	5	\$350,300	
Scupper									
	Ductile Iron	50%			LIFE	**			
	Ductile Iron	50%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : North Side							
		Explanation : Under Construction							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Asset # : 2573

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural Concrete	30%			LIFE	* *	5	\$185,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : North Side							
	Explanation : Under Construction							
Concrete	70%	0-2	\$1,237,000	LIFE	* *	5	\$92,900	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
	Leakage, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Explanation : Large Asphalt Patches							
Joints								
Generic	100%	0-2	\$42,600	LIFE	* *			
	Joints Missing, Extent : Light, Area Affected : 40%							
	Location : Scattered Throughout							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
	Location : Scattered Locations Throughout							
	Missing/Damaged Seal, Extent : Severe, Area Affected : 40%							
	Location : Random Locations Throughout							
Primary Member								
Steel	2%	4+	\$198,800	LIFE	* *	2-8	\$1,560,700	
	Corrosion, Extent : Light, Area Affected : 60%							
	Location : Random Locations Throughout							
Steel	98%			LIFE	* *	2-8	\$2,675,100	
Secondary Member								
Steel	58%	4+	\$398,200	LIFE	* *	2-8	\$1,307,400	
	Corrosion, Extent : Light, Area Affected : 15%							
	Location : Random Locations							
	Loss of Section, Extent : Light, Area Affected : 10%							
	Location : Random Locations							
Steel	42%			LIFE	* *	2-8	\$2,295,100	

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Address : E RIVER, EAST CHANNEL,36 AVE
Borough : MANHATTAN:QNS. **Agency's Number** : N/A
Program / Asset # : DOT0051.000 / 2477 **Yr Built/Renovated** : 1955 / 2011
Area Sq Ft : 36,543 **Project Type** : WATERWAY BRIDGES
Date of Survey : 30-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240640

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$927,200
Bridge Mechanical	\$59,800	
Total	\$59,800	\$927,200
Importance Code A		\$387,200
Importance Code B	\$59,800	\$392,900
Importance Code C		\$147,100
Total	\$59,800	\$927,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure			\$91,100	
Bridge Electrical	\$400			
Bridge Mechanical	\$152,300			
Total	\$152,700		\$91,100	
Importance Code A			\$40,700	
Importance Code B	\$152,700		\$39,400	
Importance Code C			\$11,100	
Total	\$152,700		\$91,100	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1% Location : End Abutment Only. Explanation : Backwall Only At End Abutment.								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Wingwalls								
Footings Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1% Location : End Approach Only. Explanation : Wingwall Is At The End Approach Only.								
Feature Crossed								
Bank Protection Riprap	100%			LIFE	**			
Sheet Piling	100%			LIFE	**			
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Timber	100%			LIFE	**			
Approaches								
Pavement Asphalt	100%			2029	**	4	\$22,100	
Other Observation, Extent : Light, Area Affected : 1% Location : End Approach Explanation : End Approach Asphalt.								
Concrete	100%			2038	**	4		
Other Observation, Extent : Light, Area Affected : 1% Location : Begin Approach. Explanation : Concrete Approach Pavement.								
Curbs Steel	100%			LIFE	**			
Guide Railing Concrete	100%			2038	**	4		

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** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1% Location : Pier 5 Only. Explanation : Pier 5 Concrete Capbeam Only.							
Steel	100%			LIFE	**	2-8	\$59,000	
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 6 And 7 Only. Explanation : Steel Capbeam At Piers 6 And 7 Only.							
Pier,Columns								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1% Location : Pier 5 Only. Explanation : Concrete Columns							
Steel	100%			LIFE	**	2-8	\$89,800	
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 6 And 7 Only. Explanation : Steel Columns.							
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$9,600	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 1, 2, 3, 4 And 5. Explanation : Concrete Pedestal							
Steel	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 6 And 7. Explanation : Steel Pedestal.							
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Gratings								
Steel	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 2, 3 And 4. Explanation : Steel Grating On Sidewalk.							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing								
Steel	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$39,800	
Sidewalks								
Concrete	100%			2033	**	5		
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 2, 4 Through 8. Explanation : Concrete Sidewalk.						
Steel	100%			2051	**	2-8		
		Other Observation, Extent : Light, Area Affected : 1% Location : Span 3 Explanation : Steel Plate						
Wearing Surface								
Asphalt	100%			2029	**	5		
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 5 Through 8. Explanation : Asphalt Wearing Surface.						
Concrete	100%			2038	**	5	\$87,600	
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 2 And 4. Explanation : Asphalt Wearing Surface.						
Steel Grating	100%			LIFE	**	5	\$59,600	
		Other Observation, Extent : Light, Area Affected : 1% Location : Span 3. Explanation : Steel Grating						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$16,500	
		Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 2, 4 Through 8. Explanation : Concrete Deck.						
Steel Grating	100%			LIFE	**	5		
		Other Observation, Extent : Light, Area Affected : 1% Location : Span 3. Explanation : Steel Grating Deck.						
Joints								
Steel Finger Joints	100%			2060	**			
		Other Observation, Extent : Light, Area Affected : 1% Location : Pier 3. Explanation : Steel Finger Joint.						
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$675,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$565,900	

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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Movable Bridges

Vertical Lift Span	Steel	100%			LIFE		* *		
Vertical Lift Tower	Steel	100%			LIFE		* *		
Vertical Lift Pier	Concrete	100%			LIFE		* *		

Bridge Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

Communications	Generic	100%			2025	\$33,600			
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Control System Electrical

Control Console	Stainless Steel	100%			LIFE		* *		
Disconnect Switch	Non Fused	100%			2045		* *		
Limit Switch	Lever	100%	Now	\$400	2025	\$17,700			
<i>Other Observation, Extent : Light, Area Affected : 25%</i> <i>Location : Sw And Nw Corner</i> <i>Explanation : Fully Seated Switches Sticking.</i>									

Local Starter	Magnetic	100%			2045		* *		
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Ground/Lightning Protection

Ground Bus	Copper	100%			2030		* *		
Ground Rod	Not Accessible	100%							
Ground Wire	Green	100%			2030		* *		
Lightning Terminals	Not Accessible	100%							

Raceway

Wiring	Generic	100%			2030		* *		
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Stand-by Power

Generator	Diesel	100%			2045		* *		
Transfer Switch	Auto	100%			2045		* *		

Traffic System Electrical

Traffic Signal	Generic	100%			2025				
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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Lighting Devices

Generic

100%

2030

* *

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Vertical Lift

Buffers

Generic

100%

2040

* *

Counter Weight Ropes & Gu

Generic

100%

Now

\$17,000

2065

* *

*Other Observation, Extent : Light, Area Affected : 2%**Location : Guide Rails**Explanation : Old Lubricant On Some Rails. Some Rails Are Painted And Some Have No Lubricant*

Counter Weight

Auxiliary CTRWT

100%

2065

* *

Main CTRWT

100%

0-2

\$59,800

2065

* *

*Other Observation, Extent : Light, Area Affected : 5%**Location : Top Of Cwts**Explanation : Pigeon Droppings On And Around Top Of Cwts*

Elevators

Generic

100%

Now

\$28,800

2040

* *

*Other Observation, Extent : Light, Area Affected : 10%**Location : East And West Towers**Explanation : No Operation Was Observed. Elevator Operation Was Reported To Be Problematic. Need To Test*

Emergency Drive

Emergency Power

100%

2065

* *

*Other Observation, Extent : Light, Area Affected : 2%**Location : Machinery Rooms**Explanation : No Operation Observed. Actuator Trunnion Mount May Require Adjustment. Need To Check Mount, Run And Test*

End Locks

With Motor

100%

Now

\$18,200

2065

* *

*Other Observation, Extent : Moderate, Area Affected : 5%**Location : Tower Piers**Explanation : West Lock Not Accessible. The East Lock Had Minimal Clearance On The Top Of The Socket And Not Fully Driven.*

Fuel Tanks

Generic

100%

Now

\$300

2045

* *

*Other Observation, Extent : Light, Area Affected : 2%**Location : Fuel Tank/ Generator Room**Explanation : Wire Harness Is Loose At Top Of Fitting. Some Areas Of Tank/ Frame Do Not Bear On Concrete*

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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	
Vertical Lift Houses								
Access Ways	20%	Now	\$6,800	2040		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Access To Locks							
	Explanation : Accessway Hatch To Lock Platform On West Side Would Not Open. Repairs Needed.							
Access Ways	80%	Now	\$27,200	2040		* *		
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Tower Accessways							
	Explanation : Tops Of Tower Accessways Covered In Pigeon Droppings. Corroded Grating And Missing Safety Chains At Some Access Points.							
Control House	100%			2065		* *		
Main Drive System Generic	30%	Now	\$18,200	2065		* *		
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Machinery Rooms							
	Explanation : Minor Lubricant Leakage. Some Loose Inspection Cover Bolts. Slight Rubbing Of Covers							
Generic	70%			2065		* *		
Sheaves Generic	100%			2065		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Sheaves							
	Explanation : Nw Sheave Makes Snapping Noise During Operation. Noise Should Be Monitored On All Sheaves.							
Structural Bearings Generic	100%			2040		* *		
Traffic Devices Barrier Gate	100%	Now	\$33,200	2040		* *		
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Barrier Gates							
	Explanation : Missing Gate Arm Locking Latches On Housings. Loose Locking Nut. Past Slippage Of West Cwt Plates. Adjustment Req'd							
Warning Gate	100%	0-2	\$2,600	2040		* *		
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Warning Gates							
	Explanation : Adjustment Required To Arm Buffer Stand							

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF
Address : HARLEM RIVER, HARLEM RIV DR.
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0041.0A0 / 4320 **Yr Built/Renovated** : 2006 /
Area Sq Ft : 11,100 **Project Type** : WATERWAY BRIDGES
Date of Survey : 04-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224006A

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$501,400	\$671,600
Total	\$501,400	\$671,600
Importance Code A	\$49,500	\$109,900
Importance Code B		\$109,900
Importance Code C	\$451,900	\$451,900
Total	\$501,400	\$671,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$9,600	\$4,900	\$22,000	\$1,800
Total	\$9,600	\$4,900	\$22,000	\$1,800
Importance Code A		\$4,900	\$11,000	\$1,800
Importance Code B			\$11,000	
Importance Code C	\$9,600			
Total	\$9,600	\$4,900	\$22,000	\$1,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF
Asset # : 4320

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2055	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Wingwalls								
Footings Not Accessible	100%							
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Approaches								
Pavement Asphalt	100%			2026		4		
		Other Observation, Extent : Light, Area Affected : 100% Location : End Approach Explanation : Relief Joint Between Approach Slab And Bridge Deck						
Concrete	100%	4+	\$9,600	2038	**	4	\$21,300	
		Cracks, Extent : Light, Area Affected : 1% Location : End Approach Slab						
Curbs Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets Concrete	100%			2034	**	4	\$3,600	
Piers								
Cap Beam Concrete	100%			LIFE	**			
Pier,Columns Concrete	100%			LIFE	**			
Stem,Solid Pier Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2055	**			
Footings Not Accessible	100%							
Pedestals Concrete	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** 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	
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface								
Concrete	100%			2055	* *	5	\$903,800	
Railings/Parapets								
Concrete	100%			2040	* *	4	\$14,700	
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$49,500	LIFE	* *	5	\$14,100	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Spans, Except At Deck Overhangs</i>					
			<i>Explanation : Stay-In-Place Forms Used With Concrete Deck</i>					
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$205,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$171,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Address : HARLEM RIVER, HARLEM RIV DR.
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0041.090 / 4319 **Yr Built/Renovated** : 2005 /
Area Sq Ft : 79,900 **Project Type** : WATERWAY BRIDGES
Date of Survey : 18-May-2011 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240069

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$299,500	\$2,032,000
Bridge Electrical	\$238,200	\$37,600
Total	\$537,700	\$2,069,600

Importance Code A		\$941,700
Importance Code B	\$238,200	\$828,400
Importance Code C	\$299,500	\$299,500
Total	\$537,700	\$2,069,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure			\$193,300	
Bridge Electrical	\$3,300	\$1,200	\$1,200	\$110,900
Bridge Mechanical	\$51,200			
Total	\$54,500	\$1,200	\$194,500	\$110,900
Importance Code A			\$90,900	
Importance Code B	\$54,500	\$1,200	\$80,500	\$110,900
Importance Code C			\$23,100	
Total	\$54,500	\$1,200	\$194,500	\$110,900



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
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Walls								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2037	**	4	\$46,100	
Embankment								
Earth	100%			LIFE	**			
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%			2037	**	4	\$6,900	
Steel	100%			LIFE	**	2-8	\$18,700	
Mat (scour & erosion)								
Earth	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Deck Elements								
Guide Railing								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%			2052	**	5	\$336,300	
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$215,400	
Wearing Surface								
Concrete	100%			2037	**	5	\$262,700	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$80,100	
Joints								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,477,100	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,237,400	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Intercom								
Generic	100%			2022	\$14,700			
Telephone								
Desk Top	100%			2022				

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DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Jack								
Telephone	100%			2022				
Control System Electrical								
Computer								
PLC	10%	Now	\$1,500	2022	\$2,500			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Plc Cabinet							
	Explanation : One Processor Has No Plc Program.							
PLC	90%			2022	\$22,700			
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2042	* *			
Disconnect Switch								
Non Fused	100%			2042	* *			
Limit Switch								
Lever	100%			2022	\$3,500			
Rotary	100%			2022				
Local Starter								
Magnetic	100%			2042	* *			
Drive								
Grating Motor								
Generic	100%			2052	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Machine Room							
	Explanation : Grating Motor Used In Place Of Main Motor.							
Machinery Brake								
Thruster	100%			2052	* *			
Motor Brake								
Thruster	100%			2052	* *			
Span Lock Motor								
Generic	90%			2052	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Span Locks							
	Explanation : Span Locks Used For End Lifts Description.							
Generic	10%	Now	\$600	2052	* *			
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Span Locks							
	Explanation : West End Lift Motor Junction Box Broken							
Wedge Motor								
Generic	100%			2052	* *			
Electrical Power								
MCC								
Generic	100%			2042	* *			
Panelboard								
Circuit Breaker	100%			2042	* *	1	\$6,700	

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DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
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%			2042	* *			
	Transformer								
	Dry	100%			2042	* *			
Exterior Lighting									
	Lighting Contactor								
	Generic	100%			2042	* *	1	\$5,600	
	Lighting Fixture								
	HID	100%			2022	\$6,400			
	Spot Lighting								
	Generic	100%			2022				
Ground/Lightning Protection									
	Ground Bus								
	Copper	100%			2027				
	Ground Rod								
	Not Accessible	100%							
	Ground Wire								
	Green	100%			2027				
Interior Lighting									
	Exit Lighting								
	Battery Operated	100%			2027				
	Lighting Fixture								
	Incandescent	100%			2022	\$3,300			
Navigation Lighting									
	Fender Lighting								
	Incandescent	100%			2022	\$8,900			
	Pier Lighting								
	Incandescent	100%			2022	\$2,900			
	Span Lighting								
	Incandescent	100%			2022	\$7,200			
Raceway									
	Box								
	Pull Junction	100%			2032	* *			
	Terminal	100%			2032	* *			
	Conduit								
	Metal	100%			2062	* *			
	Submarine Control Cables								
	Control	100%			2027				
	Submarine Power Cable								
	Power	100%			2027	\$37,600			
	Trough								
	Metal	100%			2062	* *			
	Wires								
	Thermoplastic	100%			2042	* *			
Span Lock									
	Motor								
	Squirrel Cage	100%			2037	* *			

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DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Stand-by Power

Transfer Switch

Auto

100%

2042

* *

Traffic System Electrical

Barrier Gate Lighting

Incandescent

100%

2022

\$14,900

Traffic Gate Lighting

Incandescent

100%

2022

\$14,900

Traffic Gong

Generic

100%

2022

\$7,700

Traffic Sign

Fixed

100%

2022

Traffic Signal

Generic

100%

2022

\$238,200

Bridge Mechanical

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Swing

Center Latch

Generic

50% Now

\$4,400

2062

* *

*Other Observation, Extent : Moderate, Area Affected : 5%**Location : West Rest Pier**Explanation : West Latch Does Not Work Properly*

Generic

50%

2062

* *

Center Lift

Generic

100%

0-2

\$23,200

2062

* *

*Other Observation, Extent : Light, Area Affected : 2%**Location : North And South Center Wedges**Explanation : Minor Corrosion And Lubricant Leakage. South Reducer Oil Gauge Shows Low Level*

Center Pivot

Generic

100%

2062

* *

Emergency Drive

Emergency Power

100%

Now

\$1,900

2062

* *

*Other Observation, Extent : Light, Area Affected : 1%**Location : Machinery House Platform**Explanation : Hydraulic Engine Generator Guard Removed*

End Lift

Generic

100%

Now

\$15,200

2062

* *

*Other Observation, Extent : Light, Area Affected : 1%**Location : East And West Rest Piers**Explanation : Brakes Reported To Malfunction. Some Coverage Of Debris And Minor Corrosion*

Fuel Tanks

Generic

100%

2042

* *

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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 Houses								
Access Ways	100%	Now	\$4,700	2062		* *		
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : East And West Rest Piers</i>							
	<i>Explanation : Hatches At Rest Pier End Lift Need To Be Repaired</i>							
Control House	100%			2062		* *		
Machinery Room	100%			2062		* *		
Main Drive System								
Generic	100%			2062		* *		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Center Of Swing Span</i>							
	<i>Explanation : Breathers Will Need To Be Changed Soon. Small Squeak From Tach Switch.</i>							
Structural Bearings								
Generic	100%			2037		* *		
Traffic Devices								
Barrier Gate	100%	Now	\$1,400	2037		* *		
	<i>Other Observation, Extent : Severe, Area Affected : 1%</i>							
	<i>Location : East And West Barrier Gates</i>							
	<i>Explanation : Loose Crash Gate Wire Anchor Base Nuts</i>							
Warning Gate	75%			2037		* *		
Warning Gate	25%	Now	\$300	2037		* *		
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : North East Gate</i>							
	<i>Explanation : Broken Guy Wire</i>							

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

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 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$3,249,600	\$272,900
Bridge Electrical	\$1,704,700	\$255,900
Bridge Mechanical	\$1,446,800	\$5,011,000
Total	\$6,401,100	\$5,539,800
Importance Code A	\$2,934,400	\$51,400
Importance Code B	\$3,466,700	\$5,266,900
Importance Code C		\$221,500
Total	\$6,401,100	\$5,539,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$72,600	\$18,200	\$3,800	\$3,700
Bridge Mechanical	\$96,000			
Total	\$168,500	\$18,200	\$3,800	\$3,700
Importance Code A	\$6,900		\$800	
Importance Code B	\$136,500			
Importance Code C	\$25,200	\$18,200	\$3,000	\$3,700
Total	\$168,500	\$18,200	\$3,800	\$3,700



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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	0-2	\$22,300	LIFE		* *		
		Joints Missing, Extent : Moderate, Area Affected : 20%						
		Location : Begin Abutment						
		Leakage, Extent : Severe, Area Affected : 20%						
		Location : At Begin Abutment Stem						
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Stem (breastwall)								
Concrete	100%	4+	\$139,900	LIFE		* *		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%						
		Location : Begin Abutment						
		Delaminations, Extent : Moderate, Area Affected : 5%						
		Location : Begin Abutment						
		Spalling, Extent : Moderate, Area Affected : 10%						
		Location : Begin Abutment						
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%	Now	\$92,800	LIFE		* *		
		Broken/Missing Elements, Extent : Severe, Area Affected : 70%						
		Location : Piers 8 And 9.						
		Rotted, Extent : Severe, Area Affected : 50%						
		Location : Piers 8 And 9.						
Approaches								
Pavement								
Asphalt	100%			2026	\$221,500	4	\$7,400	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : End Approach Only.						
		Explanation : End Approach Only.						
Curbs								
Concrete	100%			LIFE		* *		
Concrete w/ Steel Face	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 1%						
		Location : Left Side End Approach						
		Explanation : Left Side End Approach						
Embankment								
Earth	100%			LIFE		* *		
Guide Railing								
Steel	100%			LIFE		* *	2-8	\$5,800

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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Mat (scour & erosion)	Earth	100%			LIFE	**			
Sidewalks	Concrete	100%			LIFE	**			
Piers									
Cap Beam	Concrete	65%			LIFE	**			
	Concrete	35%	0-2	\$147,800	LIFE	**			
Leakage, Extent : Severe, Area Affected : 50%									
Location : At Cap Beam 1, 3, 5, 7, 10, 12, 14, 16									
Spalling, Extent : Moderate, Area Affected : 50%									
Location : Cap Beams 12, 14, 16 Right Side									
Other Observation, Extent : Moderate, Area Affected : 1%									
Location : Piers 1, 3, 5, 7, 10, 12, 14, 16.									
Explanation : Cap Beams Spalling And Cracking									
Pier,Columns	Concrete	70%			LIFE	**			
	Concrete	30%	0-2	\$82,500	LIFE	**			
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Piers 1, 3, 7, 13, 14, And 16									
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%									
Location : Piers 1, 3, 7, 13, 14, And 16									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Piers 1, 3, 7, 13, 14, And 16									
Stem,Solid Pier	Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads	Steel	100%			LIFE	**	2-8	\$8,000	
Other Observation, Extent : Light, Area Affected : 1%									
Location : Spans 7, 8, 9, 10 And 15.									
Explanation : Spans 7, 8, 9, 10 And 15.									
Footings									
	Not Accessible	100%							
Mat (scour & erosion)	Earth	100%	0-2	\$5,700	LIFE	**			
Erosion, Extent : Severe, Area Affected : 10%									
Location : Under Spans 10, 11, 12 And 14									
Pedestals	Concrete	100%	0-2	\$18,200	LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%									
Location : Pier 9									
Explanation : Pier 8 And 9									
Deck Elements									

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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Curbs									
Concrete	100%			2045	**				
Concrete w/ Steel Face	100%	Now	\$800	LIFE	**				
Other Observation, Extent : Moderate, Area Affected : 2%									
Location : Span 17 Left Side									
Explanation : Steel Plate Loose At End Abutment.									
Median									
Concrete	100%			LIFE	**	5	\$400		
Mono Deck Surface									
Concrete	90%			2035	**	5	\$26,600		
Other Observation, Extent : Light, Area Affected : 1%									
Location : Spans 6 - 8 And 10 - 12.									
Explanation : Spans 6 - 8 And 10 - 12.									
Concrete	10%	2-4	\$1,400	2035	**	5	\$13,300		
Cracks, Extent : Moderate, Area Affected : 40%									
Location : Spans 6, 7, 8, 10 Through 12									
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Spans 6, 7, 8, 10 Through 12									
Explanation : Numerous Patched Potholes,									
Railings/Parapets									
Concrete	100%			2040	**	4			
Steel	95%			LIFE	**	2-8	\$4,300		
Steel	5%	4+	\$300	LIFE	**	2-8	\$4,300		
Corrosion, Extent : Moderate, Area Affected : 15%									
Location : Spans 8 And 10									
Sidewalks									
Asphalt	100%	Now	\$900	2020	\$4,600	4	\$2,200		
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Span 9									
Explanation : Missing Asphalt Pavers.									
Concrete	90%			2030	**	5	\$600		
Concrete	10%	4+	\$200	2030	**	5	\$300		
Cracks, Extent : Light, Area Affected : 40%									
Location : Spans 8, 13, 14, And 16.									
Wearing Surface									
Asphalt	90%			2026	\$29,500	5	\$6,000		
Asphalt	10%	0-2	\$300	2030	**	5	\$3,000		
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : Spans 5 Left Side, Westbound.									
Explanation : Potholes And Uneven Asphalt Patches									
Superstructure									
Deck,Structural									
Concrete	100%	4+	\$185,700	LIFE	**	5	\$5,500		
Spalling, Extent : Moderate, Area Affected : 25%									
Location : Spans 8, 10,									

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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Joints

Steel	60%				LIFE	**			
Steel	40%	Now		\$22,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>									
<i>Location : Spans 1, 3, 5, 7, 10, 12, 14 And 16</i>									
<i>Leakage, Extent : Moderate, Area Affected : 75%</i>									
<i>Location : Spans 1, 3, 5, 7, 10, 12, 14 And 16</i>									

Primary Member

Concrete	70%				LIFE	**	5	\$25,700	
Concrete	30%	2-4		\$366,800	LIFE	**	5	\$25,700	
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Spans 1 Through 7 And 11 Through 17</i>									
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Spans 1 Through 7 And 11 Through 17</i>									
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Spans 1 Through 7 And 11 Through 17</i>									

Secondary Member

Not Accessible	100%								
<i>Other Observation, Extent : Light, Area Affected : 0%</i>									
<i>Location :</i>									
<i>Explanation : Spans 8 And 10.</i>									

Movable Bridges

Bascule Span

Steel	50%				LIFE	**			
Steel	50%	2-4		\$1,762,100	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>									
<i>Location : Span 9</i>									
<i>Explanation : Steel Section Loss And Corrosion Holes. Cracked Steel Grating Panel. Poor Condition Of Right Sidewalk.</i>									

Bascule Span Pier

Concrete	100%	2-4		\$472,000	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Bascule Span Piers</i>									
<i>Explanation : Spalls And Cracks</i>									

Bridge Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

Communications

Generic	100%	Now		\$35,300	2025	\$35,300			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Numerous Locations</i>									
<i>Explanation : System Not Operational</i>									

Control System Electrical

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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical									
	Control Console								
	Stainless Steel	100%	Now	\$56,200	LIFE		**		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : On Console							
		Explanation : Bridge Fully Open Indications Do Not Illuminate, Nameplates Barely Legible							
Disconnect Switch									
	Generic	100%	4+	\$38,400	2045		**		
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Various							
		Explanation : Disconnect Switches Are Not All Operable							
Limit Switch									
	Generic	100%	0-2	\$38,900	2045		**		
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : East And West Leaves							
		Explanation : Limit Switch Housing Severely Corroded							
Electrical Power									
	Dist Equip & Motor Controll								
	Generic	100%	0-2	\$457,400	2045		**		
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Electric Room							
		Explanation : Not Osha Compliant, No Replacement Parts Available							
Raceway									
	Submarine Control Cables								
	Not Accessible	100%							
Wiring									
	Generic	100%	0-2	\$987,500	2030		**		
		Other Observation, Extent : Moderate, Area Affected : 60%							
		Location : Various							
		Explanation : Conduit Is Corroded. Wiring Is Damaged.							
Traffic System Electrical									
	Traffic Signal								
	Generic	100%	Now	\$41,400	2025	\$138,200			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 40%							
		Location : Approaches							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Approaches							
		Explanation : Some Bulbs Need Replacement							
Lighting									
	Lighting Devices								
	Generic	100%	Now	\$49,400	2023	\$82,400			
		Other Observation, Extent : Moderate, Area Affected : 60%							
		Location : Various							
		Explanation : Various Service Lighting Fixtures Are Broken/ Missing							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD

Asset # : 4244

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight Generic	100%	Now	\$26,200	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Counter Weights								
Explanation : Blocks On Top Of West Counter Weight Are Not Secured								
Emergency Drive								
Emergency Power	100%	Now	\$5,200	2028	\$104,800			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Auxiliary Drives								
Explanation : No Operation Observed. Need To Perform Maintenance, Repairs And Test Auxiliary Drive.								
Manual	100%	Now	\$28,700	2028	\$143,600			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Manual Drive Components								
Explanation : No Operation Observed. Covered In Pigeon Droppings And Appears To Be Frozen								
Fuel Tanks								
Generic	100%	Now	\$600	2030		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Operators House								
Explanation : Slight Leakage Noted On Top Fittings, Bottom Not Accessible								
Houses								
Access Ways	80%	4+	\$28,900	2028	\$144,300			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Span Drive Machinery								
Explanation : Mild Corrosion.								
Access Ways	20%	Now	\$18,000	2028	\$36,100			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Center Locks								
Explanation : Corrosion Of Access Platforms And Covered In Pigeon Droppings.								
Control House	100%	Now	\$27,700	2040		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control And Tender Houses								
Explanation : Some Window Leak. Reported That Ac Unit Does Not Cool Room.								
Machinery Room	100%	Now	\$7,500	2040		* *		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Machinery Rooms								
Explanation : Some Broken Locks. Some Small Floor Panels Replaced With Plywood. Some Pigeon Droppings.								
Lock Bars								
With Motor	100%	Now	\$231,200	2028	\$462,400			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Lock Bar Machinery								
Explanation : Not Accessible From Platform. Machinery Is Covered In Debris, Corroded And Is In Poor Condition. Some Binding								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Main Drive System								
Generic	100%	Now	\$345,900	2028	\$3,458,800			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Machinery Room								
Explanation : One Brake Not Functioning. Lubricant Leakage. Some Corrosion. Some Bolts Have Heavy Corrosion/ Loss								
Rack								
Generic	100%	2-4	\$47,200	2040		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Racks								
Explanation : Some Corrosion								
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$163,200	2028	\$408,000			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Barrier Gates								
Explanation : Some Latches Missing Or Not Functioning. Some Cracks On Gate Arm. Paint Required. One Bent Housing								
Warning Gate	100%	Now	\$50,600	2028	\$253,100			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Warning Gates								
Explanation : Some Broken/missing Hardware. Missing Covers On Open Holes. Painting Required								
Trunnion								
Generic	100%	Now	\$561,800	2040		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Trunnions								
Explanation : Machinery Covered In Debris/ Corrosion. Reported That It Is Difficult To Grease. Missing Limit Switch Gear Bolt								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : W 207 ST / UNIVERSITY HEIGHTS BR
Address : W 207 ST/W FORDHAM ROAD
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0139.000 / 4243 **Yr Built/Renovated** :
Area Sq Ft : 19,700 **Project Type** : WATERWAY BRIDGES
Date of Survey : 04-May-2010 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240120

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$37,100	\$467,700
Bridge Electrical	\$1,803,900	\$580,700
Bridge Mechanical	\$137,600	
Total	\$1,978,600	\$1,048,400
Importance Code A		\$183,200
Importance Code B	\$1,941,600	\$735,700
Importance Code C	\$37,100	\$129,500
Total	\$1,978,600	\$1,048,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$29,600	\$900	\$35,200	\$45,500
Bridge Electrical	\$64,800			
Bridge Mechanical	\$62,600			
Total	\$157,000	\$900	\$35,200	\$45,500
Importance Code A	\$7,700		\$18,700	
Importance Code B	\$146,200		\$16,500	
Importance Code C	\$3,100	\$900		\$45,500
Total	\$157,000	\$900	\$35,200	\$45,500



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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Bridge Seat&pedestals									
Masonry	100%			LIFE	**				
Backwall									
Masonry	100%			LIFE	**				
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	**				
Footings									
Not Accessible	100%								
Joint with Deck									
Generic	100%			LIFE	**				
Pedestals									
Concrete	100%			LIFE	**				
Stem (breastwall)									
Masonry: Granite	100%			LIFE	**				
Wingwalls									
Footings									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Walls									
Granite	100%			LIFE	**				
Feature Crossed									
Bank Protection									
Concrete	100%			LIFE	**				
Riprap	100%			LIFE	**				
Timber	100%			2029	**				
Mat (scour & erosion)									
Not Accessible	100%								
Pier Protection									
Timber	85%			LIFE	**				
Timber	15%	0-2	\$18,800	LIFE	**				
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Pier 3									
Rotted, Extent : Moderate, Area Affected : 10%									
Location : Pier 3									
Split/Dry/Cracked, Extent : Moderate, Area Affected : 15%									
Location : Pier 3									
Approaches									
Pavement									
Concrete	100%			2034	**	4	\$23,600		
Curbs									
Concrete w/ Steel Face	100%			LIFE	**				
Guide Railing									
Steel	95%			LIFE	**	2-8	\$5,800		
Steel	5%	0-2	\$300	LIFE	**	2-8	\$5,800		
Damaged Railing, Extent : Moderate, Area Affected : 5%									
Location : Begin Right Approach									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$100	LIFE	**			
Cracks, Extent : Light, Area Affected : 20%								
Location : Underside Of Sidewalk. Overhang And At Top.								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Sidewalk. Overhang.								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$28,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Pier 1								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	**			
Steel	100%			LIFE	**	2-8	\$65,200	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 1, 2, And 5.								
Explanation : Spans 1, 2, And 5.								
Steel	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 2 And 3								
Explanation : Spans 2 And 3								
Guide Railing								
Steel	95%			LIFE	**			
Steel	5%	4+	\$2,100	LIFE	**			
Damaged Railing, Extent : Moderate, Area Affected : 5%								
Location : Span 4 Left Side								
Mono Deck Surface								
Concrete	100%			2047	**	5	\$67,500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Cast Iron	90%			LIFE	**			
Cast Iron	5%	4+	\$3,800	LIFE	**			
	Corrosion, Extent : Severe, Area Affected : 25%							
	Location : Right Pedestrian Railing Spans 1- 5.							
Cast Iron	5%	Now	\$1,500	LIFE	**			
	Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
	Location : Spans 2 And 5.							
Sidewalks								
Concrete	100%			2029	**	5	\$6,000	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Spans 1 And 5							
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Spans 1 And 5.							
Grating w/ Concrete	100%			2047	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Spans 3 And 4.							
	Explanation : Spans 3 And 4.							
Wearing Surface								
Asphalt	100%			2025	\$92,400	5	\$1,900	
Concrete	100%			2034	**	5	\$74,100	
	Recent Repair Evident, Extent : Light, Area Affected : 10%							
	Location : Spans 3 And 4.							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$2,200	
Grating w/ Concrete	100%			LIFE	**			
Joints								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$289,500	
	Corrosion, Extent : Moderate, Area Affected : 5%							
	Location : Spans 1, 2 And 5							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$242,500	
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Spans 1, 2 And 5.							
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Spans 3 And 4.							
	Explanation : Localized Corrosion With Section Loss In Primary And Secondary Members.							

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Movable Bridges

Swing Span Pivot Pier
Concrete

100% LIFE * *

Other Observation, Extent : Light, Area Affected : 100%
Location : Pier 3
Explanation : Has Masonry Facade.

Bridge Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

Communications
Generic

100% Now \$10,600 2021 \$35,300

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 \$29,000 2026 \$580,700

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 \$16,300 2029 * *

Other Observation, Extent : Light, Area Affected : 20%
Location : Rim Bearing Lower Level
Explanation : Colletor Shoes Are Slightly Corroded

Submarine Control Cables

Control

100% 2019

Wiring

Generic

100% 2019 \$1,529,700

Traffic System Electrical

Traffic Signal
Generic

100% Now \$6,800 2020 \$136,200

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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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Electrical			Current Repair		Future Replacement		Maintenance			
System	Component	Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Lighting Devices

Generic

100% Now \$2,100 2019 \$102,700

*Other Observation, Extent : Light, Area Affected : 50%**Location : Entire System.**Explanation : Several Lamps Missing Or Inoperative.*

Bridge Mechanical			Current Repair		Future Replacement		Maintenance			
System	Component	Type	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Total		(Years)	FY	(Yrs)					

Swing

Center Latch

Generic

100% Now \$65,700 2049 * *

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : East Latch**Explanation : East Latch Is Not Driven. Latch Is Failed.*

Center Pivot

Generic

100% 2049 * *

Emergency Drive

Emergency Power

100% 2049 * *

*Other Observation, Extent : Light, Area Affected : 100%**Location : Emergency Power**Explanation : No Operation Observed.*

End Lift

Generic

100% 4+ \$72,000 2049 * *

*Other Observation, Extent : Moderate, Area Affected : 20%**Location : End Lift Machinery**Explanation : Machinery Exhibits Corrosion*

Houses

Access Ways

90% 2049 * *

Access Ways

10% Now \$4,400 2049 * *

*Other Observation, Extent : Light, Area Affected : 100%**Location : Hatch To Center Machinery**Explanation : Hatch Exhibits Moderate Corrosion*

Machinery Room

100% 2049 * *

Main Drive System

Generic

100% 4+ \$26,600 2049 * *

*Other Observation, Extent : Light, Area Affected : 10%**Location : Span Drive**Explanation : Accumulated Pigeon Debris On Secondary Reducer Machinery*

Structural Bearings

Generic

100% 2030 * *

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing									
Traffic Devices									
	Barrier Gate	50%			2030		* *		
	Barrier Gate	50%	Now	\$18,900	2030		* *		
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : East Approach									
Explanation : Gate Arms Needed To Be Manually Interlocked At Center									
	Warning Gate	50%	Now	\$12,700	2030		* *		
Other Observation, Extent : Severe, Area Affected : 40%									
Location : Southeast And Southwest									
Explanation : Gates Are Not Lowering Fully. Concrete Missing Around Edge Of Base.									
	Warning Gate	50%			2030		* *		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Address : FOOT OF E. 103 ST. TO SOUTH END OF RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0188.000 / 13872 **Yr Built/Renovated** :
Area Sq Ft : 12,600 **Project Type** : WATERWAY BRIDGES
Date of Survey : 06-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240620

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$2,859,800	\$124,700
Bridge Mechanical	\$80,900	
Total	\$2,940,600	\$124,700
Importance Code A		\$124,700
Importance Code B	\$2,940,600	
Total	\$2,940,600	\$124,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$1,900		\$13,000	
Bridge Mechanical	\$22,100			
Total	\$24,000		\$13,000	
Importance Code A	\$1,900		\$13,000	
Importance Code B	\$22,100			
Total	\$24,000		\$13,000	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Asset # : 13872

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : Concrete Directly In Contact With The Deck Is In Good Condition.								
Mat (scour & erosion) Earth	100%			LIFE		* *		
Stem (breastwall) Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : Concrete Stem.								
Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Begin Abutment.								
Explanation : Steel Column Stem.								
Wingwalls								
Mat (scour & erosion) Earth	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : Wingwalls At End Abutment.								
Walls Concrete	100%			LIFE		* *		
Feature Crossed								
Bank Protection Masonry	100%			LIFE		* *		
Pier Protection Timber	50%			LIFE		* *		
Timber	50%	Now	\$2,859,800	LIFE		* *		
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Pier 6								
Explanation : Fire Damaged Fender System Is Under Repair Now.								
Approaches								
Pavement Asphalt	100%			2030		* *	4	
Piers								
Cap Beam Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 8								
Explanation : Concrete Capbeam.								
Steel	100%			LIFE		* *	2-8	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 3, 4, And 6 Through 8.								
Explanation : Steel Capbeam								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Asset # : 13872

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Piers									
Pier,Columns Concrete	100%			LIFE	**				
	Other Observation, Extent : Light, Area Affected : 1% Location : Pier 8 Explanation : Concrete Columns.								
Steel	100%			LIFE	**	2-8			
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 1, 3 And 6 Through 8. Explanation : Steel Columns.								
Stem,Solid Pier Concrete	100%			LIFE	**				
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 5 And 9. Explanation : Concrete Stem								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$5,300		
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 1, 3 Through 8. Explanation : Steel Bearings.								
Mat (scour & erosion)									
Earth	97%			LIFE	**				
Earth	3%	0-2	\$400	LIFE	**				
	Erosion, Extent : Moderate, Area Affected : 5% Location : Span 10.								
Pedestals									
Concrete	100%			LIFE	**				
Steel	100%			LIFE	**				
Piles									
Not Accessible	100%								
	Other Observation, Extent : Light, Area Affected : 0% Location : Piers 1, 3 And 5 Explanation : Piles Inaccessible.								
Deck Elements									
Railings/Parapets Concrete	100%			2035	**	4	\$4,500		
	Other Observation, Extent : Light, Area Affected : 1% Location : Span 10 Only. Explanation : Concrete Parapets								
Steel	100%			LIFE	**	2-8	\$8,200		
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 Through 9. Explanation : Steel Rail And Fencing.								
Wearing Surface Concrete	100%			2039	**	5			
Superstructure									
Deck,Structural Concrete	100%			LIFE	**	5	\$13,900		

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Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Asset # : 13872

Bridge Structure		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Joints

Steel	100%			LIFE		* *			
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Primary Member

Steel	100%			LIFE		* *	2-8	\$232,900	
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Movable Bridges

Vertical Lift Span

Steel	100%			LIFE		* *			
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Vertical Lift Tower

Steel	100%			LIFE		* *			
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Vertical Lift Pier

Concrete	100%			LIFE		* *			
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Bridge Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

Communications

Not Accessible	100%								
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Control System Electrical

Control Console

Metal	100%			2046		* *			
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Disconnect Switch

Not Accessible	100%								
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Limit Switch

Generic	100%			2046		* *			
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Electrical Power

Dist Equip & Motor Controll

Not Accessible	100%								
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Raceway

Submarine Power Cable

Not Accessible	100%								
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Wiring

Generic	100%			2031		* *			
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Lighting

Lighting Devices

Generic	100%			2031		* *			
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Bridge Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Vertical Lift

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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DEPARTMENT OF TRANSPORTATION - 841
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Asset # : 13872

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Counter Weight Ropes & Gu								
Generic	20%	Now	\$80,900	2029		* *		
	Other Observation, Extent : Severe, Area Affected : 75%							
	Location : Observed From Span, West Lower Level, No Operation Observed							
	Explanation : Rope Assemblies And Guides Have Some Areas Of Light Or Old Lubricant And Corrosion. Some Splay Shims And Cap Nut Missing.							
Generic	80%			2029		* *		
Counter Weight								
Main CTRWT	100%			2054		* *		
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Counterweights							
	Explanation : No Operations. Observed Only From Span.							
Houses								
Access Ways	100%			2029		* *		
	Other Observation, Extent : Light, Area Affected : 90%							
	Location : Access Ways							
	Explanation : Most Of The Accessways Were Not Accessible For Observations.							
Control House	100%	Now	\$13,900	2041		* *		
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Bridge Houses							
	Explanation : The Abo House Roof Leaks. Electric And Heat Has Been Shut Off.							
Main Drive System								
Not Accessible	100%							
Sheaves								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$8,200	2029		* *		
	Other Observation, Extent : Severe, Area Affected : 2%							
	Location : Gates							
	Explanation : Gate Latches Do Not Fully Engage Without Manual Assistance.							

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER
Address : W. 181ST,X-ING HARLEM RIVER
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0006.090 / 2441 **Yr Built/Renovated** : 1888 /
Area Sq Ft : 133,600 **Project Type** : WATERWAY BRIDGES
Date of Survey : 07-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2066919

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$5,858,900	\$9,198,300
Total	\$5,858,900	\$9,198,300
Importance Code A	\$2,390,800	\$2,733,300
Importance Code B	\$854,300	\$2,644,700
Importance Code C	\$2,613,800	\$3,820,400
Total	\$5,858,900	\$9,198,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$55,500		\$532,500	
Total	\$55,500		\$532,500	
Importance Code A	\$10,400		\$267,300	
Importance Code B			\$265,200	
Importance Code C	\$45,100			
Total	\$55,500		\$532,500	



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
WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER
Asset # : 2441

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		**		
	Stem (breastwall)								
	Granite	75%			LIFE		**		
	Granite	25%	4+	\$326,300	LIFE		**		
		Efflorescence, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Leakage, Extent : Light, Area Affected : 25%							
		Location : Throughout							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Earth	100%			LIFE		**		
	Piles								
	Not Accessible	100%							
	Walls								
	Granite	70%			LIFE		**		
	Granite	30%	4+	\$154,200	LIFE		**		
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Leakage, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Feature Crossed									
	Bank Protection								
	Masonry	100%			LIFE		**		
	Riprap	100%			LIFE		**		
	Mat (scour & erosion)								
	Generic	100%			LIFE		**		
Approaches									
	Pavement								
	Asphalt	60%	4+	\$17,200	2026	\$860,800	4	\$18,100	
		Cracks, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
	Asphalt	40%	2-4	\$172,200	2026	\$573,800	4	\$18,100	
		Settlement, Extent : Moderate, Area Affected : 30%							
		Location : At End Approach							
	Curbs								
	Concrete w/ Steel Face	100%			LIFE		**		
		Rust Stains, Extent : Light, Area Affected : 70%							
		Location : Throughout							
	Embankment								
	Earth	100%			LIFE		**		
		Vegetation Growth, Extent : Moderate, Area Affected : 50%							
		Location : At End Approach							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER
Asset # : 2441

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing Concrete	100%	4+	\$5,600	2034	* *	4	\$4,600	
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Throughout							
Steel	100%			LIFE	* *	2-8	\$5,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Right Side Of Beginning Approach							
	Explanation : Steel On Right Side Of Beginning Approach							
Median Concrete	100%	4+	\$4,800	LIFE	* *	5	\$900	
	Cracks, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Railings/Parapets Steel	100%			LIFE	* *			
	Rust Stains, Extent : Light, Area Affected : 40%							
	Location : Throughout							
Sidewalks Concrete	90%			LIFE	* *			
Concrete	10%	4+	\$2,600	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 10%							
	Location : At End Approach							
Piers								
Cap Beam Masonry	100%			LIFE	* *			
Stem,Solid Pier Granite	90%			LIFE	* *			
Granite	10%	4+	\$170,800	LIFE	* *			
	Efflorescence, Extent : Light, Area Affected : 25%							
	Location : Throughout							
	Leakage, Extent : Light, Area Affected : 25%							
	Location : Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *	2-8	\$5,500	
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	* *			
Pedestals Steel	100%			LIFE	* *			
	Corrosion, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Piles Not Accessible	100%							

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
WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER
Asset # : 2441

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$143,400	2038		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Median								
Concrete	100%	4+	\$100,700	LIFE		* *	5	\$9,500
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Masonry	100%	4+	\$147,100	2034		* *	5	\$11,800
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Spalling								
Steel	100%	4+	\$36,200	LIFE		* *	2-8	\$46,700
Corrosion, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Sidewalks								
Concrete	100%	4+	\$16,000	2030		* *	5	\$5,200
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%			2026	\$1,487,200	5		\$103,900
Concrete	10%	0-2	\$321,500	2021	\$1,607,500	5		\$423,300
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Concrete	90%	Now	\$289,300	2034		* *	5	\$423,300
Delaminations, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Random Throughout								
Scupper								
Cast Iron	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 80 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		* *	5	\$88,600

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER
Asset # : 2441

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	70%			LIFE		* *		
Steel	30%	0-2	\$26,500	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : One Joint Plate At The Midspan								
Loose Joint Plates, Extent : Severe, Area Affected : 10%								
Location : Span 5 Westbound								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Span 5 Westbound								
Explanation : Joint Plate Banging Loud Under Tires Of Traffic And Cracks In The Concrete Headers, One Pot Hole In The Joint								
Primary Member								
Steel	98%			LIFE		* *	2-8	\$2,469,800
Steel	2%	4+	\$1,035,000	LIFE		* *	2-8	\$2,469,800
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Stone	70%			LIFE		* *		
Masonry: Stone	30%	4+	\$928,300	LIFE		* *		
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Leakage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Secondary Member								
Steel	75%			LIFE		* *	2-8	\$2,069,000
Steel	25%	2-4	\$357,200	LIFE		* *	2-8	\$2,069,000
Corrosion, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WILLIS AVE BRIDGE RAMP TO BRUCKNER BLVD.
Address : E 125TH STREET OVER HARLEM RIVER TO BRUCKNER BLVD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0040.0B0 / 14727 **Yr Built/Renovated** :
Area Sq Ft : 18,778 **Project Type** : WATERWAY BRIDGES
Date of Survey : 24-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224005B

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$3,760,900
Total		\$3,760,900
Importance Code C		\$3,760,900
Total		\$3,760,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$12,100	\$5,900	
Total		\$12,100	\$5,900	
Importance Code A		\$11,300		
Importance Code C		\$800	\$5,900	
Total		\$12,100	\$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
WILLIS AVE BRIDGE RAMP TO BRUCKNER BLVD.

Asset # : 14727

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2047	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Walls Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Masonry: Schist / Gneiss								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Masonry: Schist/Gneiss	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE	**			
Approaches								
Pavement Asphalt	100%			2028	\$3,760,900	4	\$2,300	
Mat (scour & erosion) Earth	100%			LIFE	**			
Pavement Base Not Accessible	100%							
Railings/Parapets Concrete	100%			2036	**	4	\$11,200	
Piers								
Cap Beam Concrete	100%			LIFE	**			
Pier,Columns Concrete	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE BRIDGE RAMP TO BRUCKNER BLVD.

Asset # : 14727

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2047	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets Concrete	100%			2036	**	4	\$22,800	
Wearing Surface Concrete	100%			2036	**	5	\$11,700	
Scupper Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5		
Joints Generic	100%			LIFE	**			
Primary Member Steel	100%			LIFE	**	2-8		
Secondary Member Steel	100%			LIFE	**	2-8		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE
Address : FDR AT 125 STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0040.0A0 / 4240 **Yr Built/Renovated** : 1901 / 2008
Area Sq Ft : 29,900 **Project Type** : WATERWAY BRIDGES
Date of Survey : 07-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224005A

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure		\$622,200
Total		\$622,200
Importance Code A		\$345,700
Importance Code B		\$276,400
Total		\$622,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure		\$7,400	\$62,400	\$14,200
Total		\$7,400	\$62,400	\$14,200
Importance Code A			\$34,700	\$14,200
Importance Code B			\$27,700	
Importance Code C		\$7,400		
Total		\$7,400	\$62,400	\$14,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE
Asset # : 4240

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2045	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Wingwalls								
Footings Concrete	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Approaches								
Pavement Concrete	100%			2034	**	4		
Embankment Earth	100%			LIFE	**			
Mat (scour & erosion) Earth	100%			LIFE	**			
Railings/Parapets Concrete	100%			2034	**	4		
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$160,200	
Pier,Columns Concrete	100%			LIFE	**			
Stem,Solid Pier Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2045	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE
Asset # : 4240

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface								
Concrete	100%			2045	**	5	\$14,800	
Railings/Parapets								
Concrete	100%			2034	**	4	\$28,300	
Scupper								
Cast Iron	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 8 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$30,700	
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$516,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$432,500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Address : HARLEM RIVER, WILLIS AVE.
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0040.090 / 4239 **Yr Built/Renovated** : 2008 /
Area Sq Ft : 89,289 **Project Type** : WATERWAY BRIDGES
Date of Survey : 23-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240059

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bridge Structure	\$180,500	\$2,239,700
Bridge Electrical		\$1,246,200
Total	\$180,500	\$3,485,900
Importance Code A		\$1,175,500
Importance Code B		\$2,129,900
Importance Code C	\$180,500	\$180,500
Total	\$180,500	\$3,485,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bridge Structure	\$18,700		\$257,400	
Bridge Electrical				
Bridge Mechanical		\$86,200		\$86,200
Total	\$18,700	\$86,200	\$257,400	\$86,200
Importance Code A			\$141,900	
Importance Code B		\$86,200	\$88,600	\$86,200
Importance Code C	\$18,700		\$26,800	
Total	\$18,700	\$86,200	\$257,400	\$86,200



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2056	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2041	**	4	\$53,600	
Curbs								
Concrete	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Approaches.								
Explanation : Curbs Are Incorporated Into The Barrier.								
Embankment								
Not Accessible	100%							

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2041	**	4	\$13,200	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Both Approaches.							
	Explanation : Guide Railing Is Located On Both Sides Of The Roadway.							
Steel	100%			LIFE	**	2-8	\$13,400	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Both Approaches.							
	Explanation : Guide Railing Is Located On Both Sides Of The Roadway.							
Mat (scour & erosion)								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4		
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Both Approaches.							
	Explanation : Pedestrian Railing Along North Side.							
Steel	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Both Approaches.							
	Explanation : Pedestrian Railing Along North Side.							
Sidewalks								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Both Approaches.							
	Explanation : Sidewalk On North Side Only.							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 1 - 5, 7 - 12.							
	Explanation : Concrete Capbeams							
Steel	100%			LIFE	**	2-8	\$261,800	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 6, 13, 14.							
	Explanation : Steel Capbeams							
Pier,Columns								
Concrete	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 2, 3, 12 - 14.							
	Explanation : Concrete Pier Columns.							
Granite	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 1, 4 - 12.							
	Explanation : Granite Pier Columns.							

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DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Granite	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 1% Location : Pier 6 Explanation : Granite Solid Stem.							
Brngs,Ancr Blts,Pads Under Construction	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 9 - 13. Explanation : Earth Mat.							
Pedestals Concrete	100%			LIFE		**		
Deck Elements								
Curbs Concrete	100%			2056		**		
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 15. Explanation : Curb Is Integral With Traffic Barrier.							
Guide Railing Concrete	100%			2046		**		
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 15. Explanation : Guide Railing Is Located On Both Side Of The Roadway.							
Steel	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 15. Explanation : Guide Railing Is Located On Both Sides Of The Roadway.							
Railings/Parapets Concrete	100%			2041		**	4	\$63,800
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 15. Explanation : Pedestrian Railing Along North Side Only.							
Steel	100%			LIFE		**	2-8	\$87,600
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 15. Explanation : Pedestrian Railing On North Side Only.							
Sidewalks Concrete	100%	4+	\$18,700	2036		**	5	\$34,200
	Cracks, Extent : Light, Area Affected : 5% Location : Spans 8 - 11. Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 - 15. Explanation : Sidewalk On North Side Only.							

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DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%			2041	* *	5	\$361,000	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1 - 5, And 8 - 15.							
	Explanation : Concrete Wearing Surface.							
Steel Grating	100%			LIFE	* *	5		
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 6 And 7.							
	Explanation : Steel Grating Wearing Surface.							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$83,400	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1 - 5, And 8 - 15.							
	Explanation : Concrete Deck.							
Steel Grating	100%			LIFE	* *	5	\$66,400	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 6 And 7.							
	Explanation : Steel Grating In Swing Spans							
Joints								
Generic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 2, 4, 5, 7, 8, 10, 11, 13 And 14.							
	Explanation : Joints.							
Primary Member								
Steel	100%			LIFE	* *	2-8	\$1,650,700	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$1,382,800	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	* *			
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Communications								
Generic	100%			2026	\$75,000			
Control System Electrical								
Computer								
PLC	100%			2026	\$956,200			
Control Console								
Stainless Steel	100%			LIFE	* *			

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DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical									
	Disconnect Switch								
	Non Fused	100%			2046	* *			
	Limit Switch								
	Rotary	100%			2026	\$72,200			
Electrical Power									
	Transfer Switch								
	Auto	100%			2046	* *			
	Transformer								
	Dry	100%			2046	* *			
	Dist Equip & Motor Controll								
	Generic	100%			2046	* *			
Ground/Lightning Protection									
	Ground Bus								
	Copper	100%			2031	* *			
	Ground Rod								
	Copper	100%			2026	\$42,300			
	Ground Wire								
	Green	100%			2031	* *			
	Copper Down Contactor	100%			2031	* *			
	Lightning Terminals								
	Copper	100%			2026	\$100,500			
Power Over 600V									
	Service Equipment								
	Fused Switch	100%			2046	* *			
	Transformer								
	Dry	100%			2046	* *			
Raceway									
	Conduit								
	Metal	100%			2066	* *			
	Submarine Control Cables								
	Control	100%			2031	* *			
	Wires								
	Thermoplastic	100%			2046	* *			
Span Lock									
	Motor								
	Squirrel Cage	100%			2041	* *			
Stand-by Power									
	Transfer Switch								
	Auto	100%			2046	* *			
Traffic System Electrical									
	Barrier Gate Lighting								
	Incandescent	100%			2026	\$30,000			
	Traffic Gate Lighting								
	Incandescent	100%			2026	\$30,000			
Lighting									
	Lighting Devices								
	Generic	100%			2031	* *			

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DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Center Latch Generic	100%			2066	* *	2	\$22,500	
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Center Latches</i> <i>Explanation : No Operation Observed. Minor Leakage And Bar Dry. Contractor To Address.</i>								
Center Lift Generic	100%			2066	* *	2	\$26,900	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Center Lift</i> <i>Explanation : No Operation Observed.</i>								
Center Pivot Generic	100%			2066	* *	2	\$67,400	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Center Pivot</i> <i>Explanation : No Operation Observed. Minor Leakage And Breather Saturated. Contractor To Address.</i>								
Emergency Drive Emergency Power	100%			2066	* *	2	\$44,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Emergency Drive Hpu</i> <i>Explanation : No Operation Observed. Small Crack In Hpu Engine Belt Cover. Exhaust May Need To Be Sealed. Contractor To Address.</i>								
End Lift Generic	100%			2066	* *	2	\$44,900	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : End Lifts</i> <i>Explanation : No Operation Observed.</i>								
Fuel Tanks Generic	100%			2046	* *			
Houses								
Access Ways	100%			2066	* *			
Control House	100%			2066	* *			
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Control House And Abo House</i> <i>Explanation : Control Room Door Knob Loose. No Hot Water Observed In Abo House. Contractor To Address.</i>								
HVAC	100%			2066	* *			
Machinery Room	100%			2066	* *			
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Machinery Room</i> <i>Explanation : Small Leak In Ceiling Of Machinery Room. Fire Extinguisher Missing 1 Out Of 4 Doors. Contractor To Address.</i>								

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DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Main Drive System								
Generic	100%			2066	* *	2	\$224,500	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Operating Machinery								
Explanation : No Operation Observed. Minor Maintenance And Paint Repair Required, Some Covers Removed. Contractor To Address.								
Rack								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Rack								
Explanation : No Operation Observed. Some Spots Dry Of Lubricant. Contractor To Address								
Traffic Devices								
Barrier Gate	100%			2041	* *			
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Barrier Gates, Observed From North Sidewalk Only								
Explanation : No Operation Observed. Some Guy Wire Need Repair And Or Adjustment. Contractor To Address.								
Signals	100%			2041	* *			
Warning Gate	100%			2041	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Warning Gates, Observed From North Sidewalk Only								
Explanation : No Operation Observed. Some Adjustments May Be Required. Contractor To Address.								

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER
Address : HART ISLAND
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.018 / 1790 **Yr Built/Renovated** :
Area Sq Ft : 7,760 **Project Type** : FERRIES
Date of Survey : 02-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5649 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$382,100	
Total	\$382,100	
Importance Code A	\$202,500	
Importance Code B	\$179,600	
Total	\$382,100	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$3,300			
Total	\$3,300			
Importance Code A				
Importance Code B	\$3,300			
Total	\$3,300			



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DEPARTMENT OF TRANSPORTATION - 841
COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER
Asset # : 1790

Piers		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck	Concrete	50%			LIFE	**	5	\$7,200	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout							
	Concrete	20%	4+	\$90,900	LIFE	**	5	\$2,900	
		Spalling, Extent : Severe, Area Affected : 10%							
		Location : At Loading Ramp And At Northwest Corner							
		Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%							
		Location : At Construction Joints On North Side Of Pier							
		Other Observation, Extent : Severe, Area Affected : 80%							
		Location : At Shoreline Abutment							
		Explanation : Undermining							
	Not Accessible	30%							
Pile Caps	Timber	55%			LIFE	**	4	\$33,500	
		Rotting/Splitting, Extent : Light, Area Affected : 30%							
		Location : Throughout							
	Not Accessible	45%							
Piles and Bracing	Timber	30%	4+	\$111,600	LIFE	**	4-5	\$10,400	
		Rotting/Splitting, Extent : Moderate, Area Affected : 60%							
		Location : Trestle And Pier Head							
	Timber	20%			LIFE	**	4-5	\$7,000	
		Rotting/Splitting, Extent : Light, Area Affected : 40%							
		Location : Throughout							
	Not Accessible	50%							
Fender	Wales and Chocks								
	Timber	65%	Now	\$63,500	2041	**	4	\$19,400	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	No Component	35%							
Piles	Timber	30%	Now	\$116,100	2041	**	4	\$4,100	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Offshore End							
		Rotting/Splitting, Extent : Severe, Area Affected : 75%							
		Location : Offshore End							
	No Component	20%							
	Not Accessible	50%							

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** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER
Asset # : 1790

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
	Pile Cluster								
	Timber	85%			2024		4-10		
		Rotting/Splitting, Extent : Moderate, Area Affected : 25%							
		Location : In Tidal Zone							
	Not Accessible	15%							
Deck Elements									
	Coping/Curb								
	Timber	10%	Now	\$3,300	LIFE		* *		
		Missing Part, Extent : Severe, Area Affected : 50%							
		Location : Several Sections Throughout Pier							
		Rotting/Splitting, Extent : Severe, Area Affected : 50%							
		Location : Several Sections Throughout Pier							
	Timber	90%			LIFE		* *		

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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EAST 34TH STREET FERRY PIER
Address : E 35TH TO E 36TH STS EAST RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0199.020 / 14638 **Yr Built/Renovated** :
Area Sq Ft : 6,446 **Project Type** : FERRIES
Date of Survey : 02-Aug-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 967 **Lot** : 50 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$49,600	\$49,600
Total	\$49,600	\$49,600
Importance Code A	\$49,600	\$49,600
Total	\$49,600	\$49,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$22,400		\$10,100	
Total	\$22,400		\$10,100	
Importance Code A	\$6,400			
Importance Code B	\$16,000		\$6,200	
Importance Code C			\$3,900	
Total	\$22,400		\$10,100	



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EAST 34TH STREET FERRY PIER
Asset # : 14638

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural Deck	Concrete	50%			LIFE	**	5	\$12,000
		Cracking, Extent : Light, Area Affected : 5%						
		Location : Throughout						
		Spalling, Extent : Light, Area Affected : 5%						
		Location : At Base Of Timber Platform						
	Not Accessible	50%						
	Deck Surface							
	Asphalt Pavers	60%			2041	**		
	Timber	30%			2041	**	5	\$7,800
	Not Accessible	10%						
Pile Caps	Concrete	100%			LIFE	**	5	\$900
		Cracking, Extent : Light, Area Affected : 5%						
		Location : Throughout						
	Piles and Bracing							
	Steel	50%			LIFE	**	5	\$99,100
		Corrosion, Extent : Light, Area Affected : 40%						
		Location : Throughout Tidal Zone On H-piles						
	Not Accessible	50%						
	Fender							
	Wales and Chocks							
Piles	Timber	60%			2041	**	4	\$12,300
	No Component	40%						
	Timber	30%	4+	\$16,000	2037	**	4	\$2,800
		Broken, Extent : Light, Area Affected : 15%						
		Location : Three Locations Of Minor Breaks						
	No Component	40%						
	Not Accessible	30%						
	Pile Cluster							
	Timber	70%			2029	**	4-10	
		Loose Wrapping, Extent : Light, Area Affected : 10%						
		Location : One Cluster On North Side						
	Not Accessible	30%						
Deck Elements	Railing							
	Steel	70%			2027			
	No Component	30%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FERRY DOCKS CONCRETE PIER
Address : CITY ISLAND
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.015 / 1815 **Yr Built/Renovated** :
Area Sq Ft : 10,089 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5643 **Lot** : 260 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$338,700	
Total	\$338,700	
Importance Code A	\$338,700	
Total	\$338,700	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers				
Total				
Importance Code A				
Total				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY DOCKS CONCRETE PIER
Asset # : 1815

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Concrete	25%	4+	\$147,800	LIFE	**	5	\$4,700	
		Corrosion of Reinforcement, Extent : Severe, Area Affected : 100%							
		Location : Throughout Underside Of Deck							
		Spalling, Extent : Severe, Area Affected : 100%							
		Location : Throughout Underside Of Deck							
	Concrete	75%			LIFE	**	5	\$14,100	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Throughout Deck Surface And Curbs							
		Spalling, Extent : Light, Area Affected : 4%							
		Location : Underside And Deck Surface							
		Surface Wearing/Scaling, Extent : Light, Area Affected : 100%							
Location : Throughout Surface									
Firewalls	Concrete	50%	Now	\$26,900	LIFE	**	5	\$600	
		Broken, Extent : Severe, Area Affected : 100%							
	Location : Bottom Half Of Firewall At Bents 10 And 19								
	Concrete	50%	4+	\$16,100	LIFE	**	5	\$600	
Cracking, Extent : Moderate, Area Affected : 25%									
Location : Top Half Of Firewall At Bents 10 And 19									
Pile Caps	Timber	10%	4+	\$51,200	LIFE	**	4	\$7,900	
		Rotting/Splitting, Extent : Severe, Area Affected : 80%							
		Location : At North And South Ends Of Caps							
		Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : At North And South Ends Of Caps								
	Explanation : Rotting, Splitting								
Timber	90%			LIFE	**	4	\$71,300		
	Rotting/Splitting, Extent : Light, Area Affected : 10%								
Location : Throughout									
Piles and Bracing	Timber	40%			LIFE	**	4-5	\$18,100	
		Rotting/Splitting, Extent : Light, Area Affected : 100%							
		Location : Piles Throughout							
	Timber	30%	4+	\$96,700	LIFE	**	4-5	\$13,600	
		Rotting/Splitting, Extent : Moderate, Area Affected : 85%							
		Location : Above Mhw Throughout							
Other Observation, Extent : Severe, Area Affected : 15%									
Location : Above Mhw Throughout									
Explanation : Rotting, Splitting									
Not Accessible		30%							
Deck Elements									

Deck Elements

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY DOCKS CONCRETE PIER
Asset # : 1815

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Deck Elements

Railing

Steel

100%

2024

*Corrosion, Extent : Light, Area Affected : 10%**Location : Throughout**Displaced Elements, Extent : Light, Area Affected : 50%**Location : East Rail At Inshore Half Of The Pier*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FERRY MAINTENANCE FACILITY PIER 1
Address : FORMER U. S. C. G. BASE SOUTHERN END OF MAINT BUILDING
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0146.000 / 4523 **Yr Built/Renovated** :
Area Sq Ft : 49,870 **Project Type** : FERRIES
Date of Survey : 04-Mar-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$323,800	\$672,800
Total	\$323,800	\$672,800
Importance Code A	\$172,000	\$92,000
Importance Code C	\$151,800	\$580,800
Total	\$323,800	\$672,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$47,800		\$5,600	
Total	\$47,800		\$5,600	
Importance Code A	\$46,700			
Importance Code B	\$1,100			
Importance Code C			\$5,600	
Total	\$47,800		\$5,600	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER 1
Asset # : 4523

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Concrete	2%	Now	\$23,400	LIFE	**	5	\$1,900	
		Cracking, Extent : Moderate, Area Affected : 5%							
		Location : At East And Throughout							
		Exposed Reinforcement, Extent : Severe, Area Affected : 10%							
		Location : Underdeck East Side At Edge And Throughout Soffit							
	Concrete Not Accessible	97%			LIFE	**	5	\$90,100	
		1%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : At South Side Of Pier							
		Explanation : Under Building							
Pile Caps	Concrete	25%	4+	\$172,000	LIFE	**	5	\$800	
		Spalling, Extent : Severe, Area Affected : 100%							
	Timber	75%			LIFE	**	4	\$293,900	
Piles and Bracing	Caissons	5%	4+	\$23,300	LIFE	**	5	\$3,100	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Mid-pier Stone Masonry Support Bent							
		Explanation : Missing Joint Mortar At Stone Masonry Bent							
	Timber	20%			LIFE	**	4-5	\$44,700	
		Rotting/Splitting, Extent : Light, Area Affected : 5%							
	Location : Isolated Throughout Tidal Zone								
	Not Accessible	75%							
		Other Observation, Extent : Light, Area Affected : 0%							
	Location : Throughout Pier								
Explanation : 15 Percent Encased									
Fender	Pile Cluster Timber	20%	Now	\$151,800	2028	\$253,000	4	\$11,200	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : In Tidal Zone							
		Loose Wrapping, Extent : Moderate, Area Affected : 25%							
		Location : Above Mean Low Water							
	Timber Not Accessible	20%			2025	\$253,000	4-10	\$86,100	
		60%							
Deck Elements									
	Railing Steel	100%			2023				
Coping/Curb									
	Timber	99%			LIFE	**			
	Timber	1%	Now	\$1,100	LIFE	**			
Missing Part, Extent : Severe, Area Affected : 100%									
Location : Missing Section At East End Of Pier									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FERRY MAINTENANCE FACILITY PIER B1
Address : FORMER U. S. C. G. BASE NORTH SIDE OF MAINT BLDG
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0144.000 / 4521 **Yr Built/Renovated** :
Area Sq Ft : 24,350 **Project Type** : FERRIES
Date of Survey : 10-Aug-2017 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$89,500	\$75,900
Total	\$89,500	\$75,900
Importance Code A	\$38,900	
Importance Code C	\$50,600	\$75,900
Total	\$89,500	\$75,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$280,000		\$3,800	\$11,300
Total	\$280,000		\$3,800	\$11,300
Importance Code A	\$208,400			
Importance Code B	\$71,600		\$3,800	\$9,600
Importance Code C				\$1,700
Total	\$280,000		\$3,800	\$11,300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B1
Asset # : 4521

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	2%	4+	\$28,500	LIFE	**	5	\$900	
	Cracking, Extent : Moderate, Area Affected : 5% Location : Center Pier, 150 Feet From East End Spalling, Extent : Moderate, Area Affected : 10% Location : Southwest Side Of Pier							
Concrete Not Accessible	73%			LIFE	**	5	\$66,200	
	25%							
	Other Observation, Extent : Light, Area Affected : 0% Location : Inshore Half Of The Pier Explanation : Steel Stay-in-place Formwork							
Firewalls								
Concrete	70%			LIFE	**	5-10	\$3,800	
Not Accessible	30%							
Pile Caps								
Timber	98%			LIFE	**	4	\$281,300	
Timber	2%	2-4	\$24,700	LIFE	**	4	\$3,800	
	Rotting/Splitting, Extent : Severe, Area Affected : 50% Location : Ends Of Offshore Pile Caps							
Piles and Bracing								
Timber	2%	Now	\$38,900	LIFE	**	4-5	\$2,200	
	Broken, Extent : Moderate, Area Affected : 50% Location : Throughout							
Timber Not Accessible	28%			LIFE	**	4-5	\$56,900	
	70%							
	Other Observation, Extent : Light, Area Affected : 0% Location : Throughout Explanation : 20 Percent With Encasements							
Fender								
Buffer								
Rubber	100%			2037	**	4-5	\$26,800	
Wales and Chocks								
Timber	90%			2031	**	4	\$75,000	
Timber	10%	4+	\$22,700	2031	**	4	\$5,600	
	Rotting/Splitting, Extent : Moderate, Area Affected : 50% Location : Throughout Worn, Extent : Moderate, Area Affected : 50% Location : Throughout Other Observation, Extent : Severe, Area Affected : 25% Location : Isolated Locations Between The Pier Deck And The Fender System Explanation : Steel Connecting Hardware Not Connected							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B1
Asset # : 4521

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
Piles									
	Timber	2%	Now	\$14,400	2043	* *	4	\$500	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	Timber	33%			2031	* *	4	\$12,700	
	Not Accessible	65%							
Pile Cluster									
	Timber	30%			2026	\$75,900	4-10	\$25,800	
		Worn, Extent : Moderate, Area Affected : 25%							
		Location : Tidal Zone							
	Timber	20%	Now	\$50,600	2033	* *	4	\$2,200	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Broken Piles In Tidal Zone							
		Loose Wrapping, Extent : Moderate, Area Affected : 25%							
		Location : At Northwest End							
	Not Accessible	50%							
Deck Elements									
Coping/Curb									
	Concrete	10%			LIFE	* *			
		Recent Repair Evident, Extent : Light, Area Affected : 20%							
		Location : Northeast Corner Of Pier							
	Timber	89%			LIFE	* *			
	Timber	1%	Now	\$5,200	LIFE	* *			
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Isolated Throughout							
		Rotting/Splitting, Extent : Severe, Area Affected : 50%							
		Location : Isolated Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

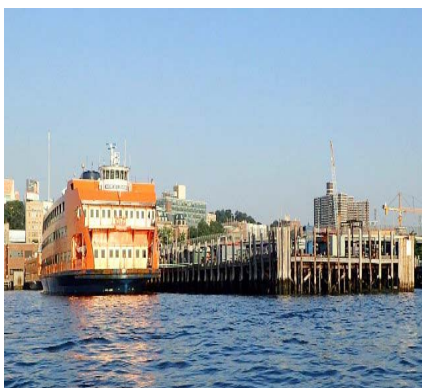
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FERRY MAINTENANCE FACILITY PIER B2
Address : FORMER U. S. C. G. BASE LARGEST PIER INFRONT MAINT BLDG
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0145.000 / 4522 **Yr Built/Renovated** :
Area Sq Ft : 61,238 **Project Type** : FERRIES
Date of Survey : 10-Aug-2017 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$425,800	\$121,400
Total	\$425,800	\$121,400
Importance Code A	\$306,300	\$121,400
Importance Code B	\$119,500	
Total	\$425,800	\$121,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$296,400		\$6,400	\$15,900
Total	\$296,400		\$6,400	\$15,900
Importance Code A	\$246,700			
Importance Code B	\$49,700		\$6,400	\$15,900
Total	\$296,400		\$6,400	\$15,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY 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)	
Structural Deck	Concrete	75%			LIFE	**	5	\$171,200
		Cracking, Extent : Light, Area Affected : 2%						
		Location : Throughout						
		Spalling, Extent : Light, Area Affected : 2%						
		Location : Throughout Perimeter Of Pier						
	Not Accessible	25%						
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Soffit Of Inshore Half Of Pier						
		Explanation : Stay-in-place Formwork						
Firewalls								
	Concrete	70%			LIFE	**	5-10	\$9,600
	Not Accessible	30%						
Pile Caps								
	Concrete	2%			LIFE	**	5	\$200
	Timber	98%			LIFE	**	4	\$707,300
Piles and Bracing								
	Steel	2%	4+	\$91,100	LIFE	**	5	\$18,800
		Corrosion, Extent : Moderate, Area Affected : 20%						
		Location : Above Mean Low Water Elevation						
	Timber	2%	4+	\$97,800	LIFE	**	4-5	\$5,500
		Rotting/Splitting, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
	Timber	16%			LIFE	**	4-5	\$81,700
	Not Accessible	80%						
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Throughout						
		Explanation : 20 Percent Of Piles Are Encased						
Fender								
	Buffer							
	Rubber	100%			2037	**	4-5	\$44,500
Wales and Chocks								
	Timber	45%			2031	**	4	\$62,200
	Timber	5%	4+	\$22,600	2031	**	4	\$4,600
		Worn, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
		Other Observation, Extent : Severe, Area Affected : 5%						
		Location : At 5 Percent Of Locations Between Pier Deck And Fender System						
		Explanation : Steel Connecting Hardware Is Not Connected						
	Not Accessible	50%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B2
Asset # : 4522

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
Piles									
	Timber	8%	4+	\$95,600	2043	* *	4	\$3,400	
<i>Worn, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Above Mean Low Water Elevation</i>									
	Timber	2%	Now	\$23,900	2043	* *	4	\$900	
<i>Broken, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Isolated Locations</i>									
	Timber	30%			2031	* *	4	\$19,200	
	Not Accessible	60%							
Deck Elements									
Coping/Curb									
	Concrete	5%			LIFE	* *			
	Timber	95%			LIFE	* *			
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>									
<i>Location : Throughout</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : PIER 11/WALL ST. FERRY PIER
Address : EAST RIVER AT GOUVERNEUR LANE
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0001.000 / 4340 **Yr Built/Renovated** : 1906 / 2000
Area Sq Ft : 31,800 **Project Type** : FERRIES
Date of Survey : 14-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 36 **Lot** : 18 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers		\$1,204,300
Total		\$1,204,300
Importance Code B		\$1,204,300
Total		\$1,204,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$45,100	\$10,900		
Total	\$45,100	\$10,900		
Importance Code A				
Importance Code B	\$38,000			
Importance Code C	\$7,100	\$10,900		
Total	\$45,100	\$10,900		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
PIER 11/WALL ST. FERRY PIER
Asset # : 4340

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Concrete	5%			LIFE	**	5	\$3,000	
	Not Accessible	95%							
Deck Surface									
	Concrete	100%			2035	**	5	\$21,800	
				Cracking, Extent : Light, Area Affected : 2%					
				Location : Throughout					
				Surface Wearing/Scaling, Extent : Light, Area Affected : 10%					
				Location : Throughout					
Pile Caps									
	Concrete	2%			LIFE	**	5		
				Spalling, Extent : Moderate, Area Affected : 5%					
				Location : Offshore Structure South Face					
	Not Accessible	98%							
Piles and Bracing									
	Concrete	5%			LIFE	**	5	\$5,000	
	Not Accessible	95%							
Fender									
Wales and Chocks									
	Timber	75%			2035	**	4	\$76,900	
	No Component	25%							
Piles									
	Timber	40%			2039	**	4	\$19,000	
				Recent Repair Evident, Extent : Light, Area Affected : 10%					
				Location : Offshore Face					
	No Component	25%							
	Not Accessible	35%							
Pile Cluster									
	Timber	35%	4+	\$7,100	2027	\$17,700	4	\$800	
				Broken, Extent : Severe, Area Affected : 5%					
				Location : Spacer Piece On One 3 Pile Cluster					
				Other Observation, Extent : Severe, Area Affected : 15%					
				Location : Southeast Cluster					
				Explanation : Loose Cable					
	Not Accessible	65%							
Deck Elements									
Railing									
	Steel	95%			2025	\$1,144,100			
				Corrosion, Extent : Light, Area Affected : 5%					
				Location : Throughout					
	Steel	5%	4+	\$6,000	2024	\$60,200			
				Displaced Elements, Extent : Moderate, Area Affected : 50%					
				Location : Mid Point On North Side Of Pier					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL FUEL PIER
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.020 / 13895 **Yr Built/Renovated** :
Area Sq Ft : 8,400 **Project Type** : FERRIES
Date of Survey : 10-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$101,700	\$152,900
Total	\$101,700	\$152,900
Importance Code A		\$152,900
Importance Code B	\$101,700	
Total	\$101,700	\$152,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers				\$15,800
Total				\$15,800
Importance Code A				\$14,000
Importance Code B				\$1,800
Total				\$15,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL FUEL PIER
Asset # : 13895

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural Deck	Concrete	30%			LIFE	* *	5	\$4,700
		<i>Discolor & Bleeding, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Deck Surface Stringers</i>						
	Steel	40%			2027	\$152,900	5	\$28,000
	Not Accessible	30%						
	Pile Caps							
	Concrete	70%			LIFE	* *	5	\$400
	Not Accessible	30%						
	Piles and Bracing							
	Concrete	35%			LIFE	* *	5	\$9,300
	Not Accessible	65%						
Fender Piles	Timber	10%			2022	\$101,700	4	\$3,600
		<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Piles Along West Face Only</i>						
	No Component	85%						
Deck Elements	Not Accessible	5%						
	Railing							
	Steel	10%			2025			
	Fiberglass	70%			2030	* *		
	No Component	20%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL NORTH WHARF
Address : NORTH SIDE OF TERMINAL BUILDING
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0195.000 / 13901 **Yr Built/Renovated** :
Area Sq Ft : 34,500 **Project Type** : FERRIES
Date of Survey : 10-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$38,700	\$159,100
Total	\$38,700	\$159,100
Importance Code A		\$159,100
Importance Code B	\$38,700	
Total	\$38,700	\$159,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers				\$700
Total				\$700
Importance Code A				
Importance Code B				\$700
Total				\$700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL NORTH WHARF

Asset # : 13901

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural Deck	Concrete	50%			LIFE	* *	5	\$32,100
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Throughout</i>						
	Not Accessible	50%						
Piles and Bracing	Steel	30%			LIFE	* *	5	\$159,100
		<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Above Mlw</i>						
	Not Accessible	70%						
Coping/Curb	Concrete	20%			LIFE	* *		
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : North End</i>						
	No Component	80%						
Fender Facing	Timber	10%	0-2	\$38,700	2041	* *	3	\$2,200
		<i>Displaced Elements, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Wharf Face</i>						
	No Component	90%						
Deck Elements	Railing							
	Fencing	90%			2030	* *	3	
	No Component	10%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL SOUTH WHARF
Address : SOUTH SIDE OF TERMINAL BUILDING
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0194.000 / 13900 **Yr Built/Renovated** :
Area Sq Ft : 35,300 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 68 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$284,400	\$352,800
Total	\$284,400	\$352,800
Importance Code A	\$284,400	\$352,800
Total	\$284,400	\$352,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$55,100	\$8,500		
Total	\$55,100	\$8,500		
Importance Code A				
Importance Code B	\$49,200			
Importance Code C	\$5,800	\$8,500		
Total	\$55,100	\$8,500		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL SOUTH WHARF
Asset # : 13900

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural Deck	Concrete	50%			LIFE	**	5	\$32,900
		Cracking, Extent : Light, Area Affected : 5% Location : Throughout						
	Not Accessible	50%						
	Deck Surface							
	Asphalt	30%			2029	**	5	\$11,700
		Cracking, Extent : Light, Area Affected : 5% Location : Isolated Throughout						
	Concrete	70%			2035	**	5	\$16,900
		Cracking, Extent : Light, Area Affected : 5% Location : Isolated Throughout						
	Pile Caps							
	Concrete	90%			LIFE	**	5	\$2,100
		Spalling, Extent : Light, Area Affected : 15% Location : Isolated Offshore Corners						
	Timber	10%			LIFE	**	4	\$27,700
Piles and Bracing	Steel	65%	4+	\$284,400	LIFE	**	5	\$352,800
		Corrosion, Extent : Moderate, Area Affected : 25% Location : Throughout Tidal Zone Other Observation, Extent : Severe, Area Affected : 25% Location : Throughout Braced Pipe Piles Explanation : Numerous Broken Pipe Braces						
	Timber	10%			LIFE	**	4-5	\$15,800
	Not Accessible	25%						
Fender	Wales and Chocks							
	Timber	65%			2035	**	4	\$47,100
	No Component	35%						
	Piles							
	Timber	5%	0-2	\$31,300	2041	**	4	\$1,100
		Broken, Extent : Moderate, Area Affected : 30% Location : Isolated Throughout South Wharf						
	Timber	20%			2035	**	4	\$6,700
	No Component	35%						
	Not Accessible	40%						
Deck Elements	Coping/Curb							
	Timber	90%			LIFE	**		
	No Component	10%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BULKHEAD, PIER 26
Address : HUDSON RIVER N OF HUBERT TO S OF N MOORE ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0127.030 / 1809 **Yr Built/Renovated** :
Linear Ft : 580 **Project Type** : FERRIES
Date of Survey : 13-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 184 **Lot** : 8 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$138,600
Total		\$138,600
Importance Code B		\$138,600
Total		\$138,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads				
Total				
Importance Code A				
Total				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD, PIER 26
Asset # : 1809

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	25%			LIFE	* *	5	\$12,300	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : In Concrete Cap Element							
		Missing Block Seal, Extent : Light, Area Affected : 35%							
		Location : Throughout							
	Not Accessible	75%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Stone	65%			2039	* *	10		
	Under Construction	35%							
Deck Elements									
	Railing								
	Steel	25%			2025	\$138,600			
	No Component	75%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BULKHEAD, WHITEHALL FERRY TERM.
Address : UPPER NEW YORK BAY SOUTH ST AND WHITEHALL ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0127.020 / 1808 **Yr Built/Renovated** :
Linear Ft : 390 **Project Type** : FERRIES
Date of Survey : 14-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 3 **Lot** : 1 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$1,800	\$400		
Total	\$1,800	\$400		
Importance Code B	\$1,800	\$400		
Importance Code C				
Total	\$1,800	\$400		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD, WHITEHALL FERRY TERM.
Asset # : 1808

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Not Accessible	100%							
	Revetment								
	Stone	10%			LIFE	* *	5	\$200	
	No Component	90%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	60%			2039	* *	5	\$2,700	
		Surface Wearing/Scaling, Extent : Light, Area Affected : 25%							
		Location : Isolated							
	Asphalt Pavers	20%			2039	* *	5	\$900	
	Concrete	20%			2035	* *	5	\$900	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : DOT HARPER ST. FLEET FACILITY BULKHEAD
Address : 32-11 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0129.000 / 1792 **Yr Built/Renovated** : 1950 /
Linear Ft : 654 **Project Type** : FERRIES
Date of Survey : 10-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1790 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$1,178,600	
Total	\$1,178,600	
Importance Code A	\$877,400	
Importance Code B	\$301,200	
Total	\$1,178,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$5,800			
Total	\$5,800			
Importance Code A				
Importance Code B	\$5,800			
Total	\$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
DOT HARPER ST. FLEET FACILITY BULKHEAD
Asset # : 1792

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top								
	Concrete	15%	2-4	\$165,800	LIFE	**	5	\$400	
		Erosion, Extent : Severe, Area Affected : 25%							
		Location : At Vertical Joints And In Tidal Zone							
	Concrete	45%			LIFE	**	5	\$1,100	
	Timber	35%	Now	\$386,800	LIFE	**	4-5	\$7,500	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Western 250 Feet							
		Explanation : Collapsed Or Collapsing							
	Timber	5%	4+	\$55,300	LIFE	**	4-5	\$1,100	
		Rotting/Splitting, Extent : Moderate, Area Affected : 100%							
		Location : Between Collapsed Section And Concrete Platform							
Piles and Bracing									
	Timber	35%	Now	\$269,500	2041	**	4	\$34,300	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Western 200 Feet Beneath Collapsed Platform							
	Not Accessible	65%							
Backfill									
	Fill								
	Stone	35%	Now	\$62,100	LIFE	**	5	\$200	
		Loss of Backfill, Extent : Severe, Area Affected : 100%							
		Location : Western 200 Feet							
	Not Accessible	65%							
Surface									
	Asphalt	10%			2029	**	5	\$700	
	Topsoil	35%	Now	\$4,900	2026	\$12,300	5	\$500	
		Missing Part, Extent : Severe, Area Affected : 50%							
		Location : Western 200 Feet							
	Topsoil	30%			2024	\$10,600	5	\$900	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Eastern 400 Feet							
		Explanation : Vegetation							
	Not Accessible	25%							
Fender									
	Piles								
	Timber	100%	Now	\$123,000	2041	**	4	\$15,700	1
		Broken, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Missing Part, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
Wales and Chocks									
	Timber	100%	Now	\$116,200	2041	**	4	\$35,500	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FERRY DOCKS GRAVITY WALL AND REVETMENT
Address : CITY ISLAND
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.016 / 1816 **Yr Built/Renovated** :
Linear Ft : 55 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5643 **Lot** : 260 **BIN** :

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads		\$300		
Total		\$300		
Importance Code A				
Importance Code B		\$300		
Importance Code C				
Total		\$300		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY DOCKS GRAVITY WALL AND REVETMENT

Asset # : 1816

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	75%			LIFE	* *	5	\$3,500	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Explanation : Grout Loss							
	No Component	25%							
Revetment									
	Stone	25%			LIFE	* *	5	\$100	
	No Component	75%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	100%			2035	* *	5	\$600	
		Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : FERRY DOCKS TIMBER BULKHEAD
Address : HART ISLAND
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.017 / 1817 **Yr Built/Renovated** :
Linear Ft : 307 **Project Type** : FERRIES
Date of Survey : 02-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5649 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$579,900	
Total	\$579,900	
Importance Code A	\$533,700	
Importance Code B	\$46,200	
Total	\$579,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$25,700		\$6,900	
Total	\$25,700		\$6,900	
Importance Code A	\$13,900		\$6,900	
Importance Code B	\$11,700			
Importance Code C				
Total	\$25,700		\$6,900	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
FERRY DOCKS TIMBER BULKHEAD
Asset # : 1817

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Piles and Bracing	Timber	30%			2029	* *	4	\$13,800	
		Rotting/Splitting, Extent : Light, Area Affected : 20% Location : In Tidal Zone							
	Timber	40%	4+	\$36,100	2041	* *	4	\$18,400	
		Rotting/Splitting, Extent : Moderate, Area Affected : 50% Location : Between Mlw And The Top Of The Piles							
	Timber	30%	Now	\$27,100	2041	* *	4	\$13,800	
		Broken, Extent : Severe, Area Affected : 100% Location : Split/ Broken Piles Throughout							
	Revetment								
	Stone	70%			LIFE	* *	5	\$1,300	
	No Component	30%							
Sheet Piles									
Timber	Timber	90%	4+	\$423,400	LIFE	* *	4	\$5,200	
		Rotting/Splitting, Extent : Moderate, Area Affected : 50% Location : Tidal Zone Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout Explanation : Loss Of Fill Through Gaps In Sheets							
	Timber	10%	Now	\$47,000	LIFE	* *	4	\$600	
		Interlock Damage, Extent : Severe, Area Affected : 15% Location : Openings Between Sheets At South End Of Bulkhead Rotting/Splitting, Extent : Severe, Area Affected : 50% Location : Tidal Zone							
	Wales								
	Timber	70%			LIFE	* *	4	\$3,200	
		Rotting/Splitting, Extent : Light, Area Affected : 10% Location :							
	Timber	30%	2-4	\$13,900	LIFE	* *	4	\$1,400	
		Rotting/Splitting, Extent : Severe, Area Affected : 75% Location : In Tidal Zone At Southeast							
Backfill									
Fill	Topsoil	70%	Now	\$46,200	2066	* *			
		Sinkhole, Extent : Severe, Area Affected : 50% Location : Up To 5 Feet From Bulkhead At Northern 25 Feet And Southern 175 Feet							
	No Component	5%							
	Not Accessible	25%							
Surface									
Topsoil	Topsoil	70%	Now	\$11,600	2026	\$11,600	5	\$500	
		Settlement, Extent : Severe, Area Affected : 50% Location : Behind Bulkhead Up To 5 Feet Wide At Northern 25 Feet And Southern 175 Feet							
	Topsoil	25%			2024	\$4,100	5	\$400	
	No Component	5%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL CONCRETE BULKHEAD
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0131.020 / 1798 **Yr Built/Renovated** :
Linear Ft : 2,940 **Project Type** : FERRIES
Date of Survey : 11-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$1,632,300	\$49,800
Total	\$1,632,300	\$49,800
Importance Code A	\$1,524,800	\$49,800
Importance Code B	\$107,500	
Total	\$1,632,300	\$49,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$34,200	\$9,200		
Total	\$34,200	\$9,200		
Importance Code A				
Importance Code B	\$25,900	\$9,200		
Importance Code C	\$8,300			
Total	\$34,200	\$9,200		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL CONCRETE BULKHEAD
Asset # : 1798

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Timber	5%	4+	\$8,300	LIFE	**	5	\$100	
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 40%</i>							
		<i>Location : Between South Wharf And 69th Street Slip</i>							
	No Component	95%							
	Gravity Wall Concrete	35%			LIFE	**	5	\$4,200	
		<i>Cracking, Extent : Moderate, Area Affected : 15%</i>							
		<i>Location : Throughout</i>							
	Stone	15%			LIFE	**	5	\$37,400	
		<i>Missing Block Seal, Extent : Light, Area Affected : 30%</i>							
		<i>Location : Throughout</i>							
	Stone	5%	0-2	\$1,472,300	LIFE	**	5	\$12,500	
		<i>Displaced Elements, Extent : Severe, Area Affected : 10%</i>							
		<i>Location : Near Slip B-2 At Ferry Maintenance Facility</i>							
	Not Accessible	45%							
	Revetment Stone	8%			LIFE	**	5	\$1,400	
	No Component	92%							
	Sheet Piles Steel	3%	Now	\$52,500	LIFE	**			
		<i>Corrosion, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Between Slips 3 And 4</i>							
	No Component	97%							
Backfill									
	Fill Topsoil	5%	Now	\$12,600	2066	**			
		<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Near Slip B-2 In Ferry Maintenance Area And Between Slips 3 And 4</i>							
	Not Accessible	95%							
	Surface Asphalt	35%			2035	**	5	\$11,700	
	Asphalt	5%	Now	\$13,300	2041	**	5	\$800	
		<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Near Slip B-2 In Ferry Maintenance Area And Between Slips 3 And 4</i>							
	Concrete	20%			2035	**	5	\$6,700	
	Not Accessible	40%							
Fender									
	Piles Timber	10%	Now	\$55,300	2041	**	4	\$7,000	
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Between South Wharf And 69th Street Slip</i>							
	No Component	85%							
	Not Accessible	5%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL CONCRETE BULKHEAD

Asset # : 1798

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
	Wales and Chocks								
	Timber	10%	Now	\$52,200	2041	* *	4	\$16,000	
		Rotting/Splitting, Extent : Moderate, Area Affected : 10%							
		Location : Between South Wharf And 69th Street Slip							
	No Component	90%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BULKHEAD / GRAVITY WALL
Address : E. RIVER, 71ST TO 78TH ST. COAST LINE OF 71 ST. TO CL 78 ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0025.055 / 4343 **Yr Built/Renovated** :
Linear Ft : 1,920 **Project Type** : HIGHWAYS
Date of Survey : 28-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 1483 **Lot** : 60 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$646,200	\$1,589,200
Total	\$646,200	\$1,589,200
Importance Code A	\$646,200	\$121,100
Importance Code B		\$1,468,100
Total	\$646,200	\$1,589,200

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$19,700		\$8,200	
Total	\$19,700		\$8,200	
Importance Code A				
Importance Code B	\$19,700		\$8,200	
Total	\$19,700		\$8,200	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD / GRAVITY WALL
Asset # : 4343

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Conc w/Stone Face	10%	Now	\$646,200	LIFE	**	5	\$17,300	
				Erosion, Extent : Moderate, Area Affected : 25%					
				Location : At And Below The Water Line, North Of E 76 St					
				Missing Part, Extent : Severe, Area Affected : 25%					
				Location : Missing Blocks North Of E 76th St					
	Conc w/Stone Face	60%			LIFE	**	5	\$103,800	
				Cracking, Extent : Light, Area Affected : 2%					
				Location : Throughout					
	Concrete	5%			LIFE	**	5	\$400	
				Erosion, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
	Not Accessible	25%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt Pavers	45%			2036	**	5	\$9,900	
	Asphalt Pavers	5%	4+	\$19,700	2042	**	5	\$500	
				Settlement, Extent : Moderate, Area Affected : 40%					
				Location : Throughout					
	Concrete	30%			2036	**	5	\$6,600	
				Cracking, Extent : Moderate, Area Affected : 70%					
				Location : Throughout					
				Settlement, Extent : Moderate, Area Affected : 70%					
				Location : Throughout					
	Not Accessible	20%							
Deck Elements									
	Railing								
	Steel	80%			2025	\$1,468,100			
				Missing Coating, Extent : Light, Area Affected : 15%					
				Location : Throughout					
	No Component	20%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BULKHEAD AT PIER 79
Address : W 38TH ST TO SS OF PIER 81 HUDSON RIVER AT LINCOLN TUNNEL
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0025.021 / 4339 **Yr Built/Renovated** : 1900 /
Linear Ft : 772 **Project Type** : HIGHWAYS
Date of Survey : 27-Sep-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 665 **Lot** : 999 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$295,100
Total		\$295,100
Importance Code B		\$295,100
Total		\$295,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$14,800			\$4,400
Total	\$14,800			\$4,400
Importance Code A	\$14,800			
Importance Code B				\$4,400
Total	\$14,800			\$4,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD AT PIER 79
Asset # : 4339

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top								
	No Component	40%							
	Not Accessible	60%							
Sheet Piles									
	Concrete Encased Steel	33%	4+	\$14,800	LIFE		* *		
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Between Ferry Terminal And Pier 81							
	Not Accessible	67%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Beneath Ferry Terminal							
		Explanation : Steel Sheet Pile Not Accessible Beneath Ferry Terminal							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	34%			2037		* *	5	\$3,000
		Settlement, Extent : Light, Area Affected : 2%							
		Location : Light Settlement Along Bulkhead Edge							
	Concrete	66%			2037		* *	5	\$5,800
Deck Elements									
	Railing								
	Steel	40%			2026	\$295,100			
	No Component	60%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE
Address : LANDING ROAD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0209.000 / 14496 **Yr Built/Renovated** :
Linear Ft : 520 **Project Type** : HIGHWAYS
Date of Survey : 28-Feb-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$2,005,600	
Total	\$2,005,600	
Importance Code A	\$1,815,400	
Importance Code B	\$190,200	
Total	\$2,005,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$72,000			
Total	\$72,000			
Importance Code A				
Importance Code B	\$42,800			
Importance Code C	\$29,300			
Total	\$72,000			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE
Asset # : 14496

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Timber	100%	Now	\$29,300	LIFE	* *	5	\$300	
		Displaced Elements, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	Piles and Bracing								
	No Component	55%							
	Not Accessible	45%							
Sheet Piles									
	Steel	55%	Now	\$1,701,400	LIFE	* *			
		Corrosion, Extent : Severe, Area Affected : 100%							
		Location : Tidal Zone. Multiple Holes Through Sheeting							
	No Component	45%							
Pile Caps									
	Concrete	100%	4+	\$114,000	LIFE	* *	5	\$1,600	
		Cracking, Extent : Light, Area Affected : 15%							
		Location : Horizontal Crack 90 Feet From South, Approximately 20 Feet Long, General Outboard Face Map Cracking							
		Spalling, Extent : Moderate, Area Affected : 2%							
		Location : 65 Feet From South, Approximately 10 Feet Long							
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Along Top Of South Face							
		Explanation : Impact Spalls							
Backfill									
	Fill								
	Topsoil	30%	Now	\$33,500	2065	* *			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Along North Side Of Structure Above Sheet Pile Wall							
		Explanation : Fill Loss Through Deteriorated Steel Sheet Pile							
	Not Accessible	70%							
Surface									
	Topsoil	70%			2024	\$19,600	5	\$1,700	
	Topsoil	30%	Now	\$8,400	2025	\$8,400	5	\$400	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : 310-450 Feet From South							
		Explanation : Fill Loss							
Fender									
	Piles								
	Timber	100%	Now	\$97,800	2040	* *	4	\$12,500	1
		Displaced Elements, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
Wales and Chocks									
	Timber	100%	Now	\$92,400	2040	* *	4	\$28,200	
		Displaced Elements, Extent : Severe, Area Affected : 100%							
		Location : Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL
Address : 3200 CONNER STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.020 / 1791 **Yr Built/Renovated** :
Linear Ft : 497 **Project Type** : HIGHWAYS
Date of Survey : 12-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5256 **Lot** : 200 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads			\$8,400	
Total			\$8,400	
Importance Code A			\$6,400	
Importance Code B			\$2,000	
Total			\$8,400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL

Asset # : 1791

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Pile Supported Wall								
	Concrete	65%			2041	* *	5	\$12,900	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : At Southern End Of Asset							
	Not Accessible	5%							
	Under Construction	30%							
Backfill									
	Fill								
	Not Accessible	70%							
	Under Construction	30%							
Surface									
	Asphalt	70%			2041	* *	5	\$4,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : At Southern End Of Asset							
	Under Construction	30%							
Deck Elements									
	Railing								
	Guard Rail	70%			LIFE	* *			
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : At Southern End Of Asset							
	Under Construction	30%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : CONNER STREET DOT YARD REVETMENT
Address : 3200 CONNER STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.030 / 14768 **Yr Built/Renovated** :
Linear Ft : 495 **Project Type** : HIGHWAYS
Date of Survey : 12-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5256 **Lot** : 200 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$345,500	
Total	\$345,500	
Importance Code C	\$345,500	
Total	\$345,500	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$1,400			
Total	\$1,400			
Importance Code B	\$1,400			
Importance Code C				
Total	\$1,400			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
CONNER STREET DOT YARD REVETMENT
Asset # : 14768

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	95%	4+	\$345,500	LIFE	* *	5	\$2,800	
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Non-engineered, Very Steep, Slope With Areas Of Scour							
		Explanation : Inadequate Stone Protection							
	Stone	5%			LIFE	* *	5	\$100	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Adjacent To Outfall							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	50%			2029	* *	5	\$2,800	
		Erosion, Extent : Light, Area Affected : 100%							
		Location : Raveling Throughout Surface							
	Not Accessible	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Inshore Of Revetment							
		Explanation : Under Stacked Concrete Block Wall And Dot Trucks							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : DOT ASPHALT PLANT RELIEVING PLATFORM
Address : 488 HAMILTON AVE. GOWANUS CANAL S OF BRIDGE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.011 / 1793 **Yr Built/Renovated** :
Linear Ft : 520 **Project Type** : HIGHWAYS
Date of Survey : 16-Oct-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 625 **Lot** : 2 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$87,900	
Total	\$87,900	
Importance Code A	\$87,900	
Total	\$87,900	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$28,100	\$10,000	\$400	\$100
Total	\$28,100	\$10,000	\$400	\$100
Importance Code A	\$11,400			
Importance Code B	\$16,700	\$10,000	\$400	\$100
Importance Code C				
Total	\$28,100	\$10,000	\$400	\$100



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
DOT ASPHALT PLANT RELIEVING PLATFORM
Asset # : 1793

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Relieving Platform Top	Concrete	10%	4+	\$87,900	LIFE	**	5	\$200	
		Erosion, Extent : Moderate, Area Affected : 40%							
		Location : Low Level Platform In Tidal Zone							
		Spalling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Concrete	90%			LIFE	**	5	\$1,800	
Coping/Curb	Timber	100%			LIFE	**	5	\$300	
Piles and Bracing	Concrete	15%			LIFE	**	5	\$500	
	Steel	15%			LIFE	**	5	\$12,000	
		Corrosion, Extent : Moderate, Area Affected : 30%							
		Location : Splash Zone							
	Not Accessible	70%							
Pile Caps	Concrete	5%			LIFE	**	5	\$100	
	Concrete	5%	0-2	\$11,400	LIFE	**	5	\$100	
		Spalling, Extent : Severe, Area Affected : 100%							
		Location : Portions Under High Level Platform							
	Not Accessible	90%							
Backfill									
Surface	Asphalt	15%			2036	**	5	\$900	
	Gravel	85%			2040	**	2-5	\$1,400	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Gravel And Drain On Top Of Concrete Deck							
Fender									
Piles	Timber	45%			2036	**	4	\$8,400	
		Worn, Extent : Light, Area Affected : 30%							
		Location : Throughout							
	Timber	10%	2-4	\$9,800	2042	**	4	\$1,200	
		Worn, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
	Not Accessible	45%							
Wales and Chocks	Timber	47%			2036	**	4	\$19,900	
		Worn, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Timber	3%	2-4	\$6,900	2042	**	4	\$800	
		Rotting/Splitting, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
	Not Accessible	50%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD
Address : 488 HAMILTON AVE. GOWANUS CANAL N END OF PLANT
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.012 / 1794 **Yr Built/Renovated** :
Linear Ft : 31 **Project Type** : HIGHWAYS
Date of Survey : 16-Oct-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 625 **Lot** : 2 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$158,600	
Total	\$158,600	
Importance Code A	\$158,600	
Total	\$158,600	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$5,200		\$100	
Total	\$5,200		\$100	
Importance Code B	\$5,200		\$100	
Total	\$5,200		\$100	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD

Asset # : 1794

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Sheet Piles	Steel	65%	Now	\$119,900	LIFE		* *		
		Broken, Extent : Severe, Area Affected : 100%							
		Location : North End Adjacent To Bridge Abutment							
	Steel	35%	4+	\$38,700	LIFE		* *		
		Corrosion, Extent : Severe, Area Affected : 75%							
		Location : Splash Zone							
Backfill									
Fill	Topsoil	65%	Now	\$4,300	2067		* *		
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Active Sloughing							
	Not Accessible	35%							
Surface									
Concrete		50%			2036		* *	5	\$200
Topsoil		50%	0-2	\$800	2027	\$800		5	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Active Sloughing							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : DOT FACILITY REVETMENT
Address : 6080 FLATLANDS AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.020 / 1795 **Yr Built/Renovated** :
Linear Ft : 750 **Project Type** : HIGHWAYS
Date of Survey : 19-Sep-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 8012 **Lot** : 400 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$440,800	\$40,400
Total	\$440,800	\$40,400
Importance Code B		\$40,400
Importance Code C	\$440,800	
Total	\$440,800	\$40,400

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$1,800			
Total	\$1,800			
Importance Code B	\$1,800			
Importance Code C				
Total	\$1,800			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
DOT FACILITY REVETMENT
Asset # : 1795

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Asphalt Remnants	20%			LIFE	* *	5	\$100	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Insufficient Armor Stone, Steep Sloping Natural Shoreline							
	Stone	80%	0-2	\$440,800	LIFE	* *	5	\$3,600	
		Other Observation, Extent : Severe, Area Affected : 80%							
		Location : Throughout							
		Explanation : Insufficient Armor Stone, Steep Sloping Natural Shoreline							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Topsoil	100%			2024	\$40,400	5	\$3,500	
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Explanation : Heavy Vegetation And Debris							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE
Address : 352-372 KENT AVE. EAST RIVER, S 5TH TO S 6TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.030 / 1796 **Yr Built/Renovated** :
Linear Ft : 266 **Project Type** : HIGHWAYS
Date of Survey : 15-Oct-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 2453 **Lot** : 1 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$14,800	\$7,600		
Total	\$14,800	\$7,600		
Importance Code A				
Importance Code B	\$14,800	\$7,600		
Total	\$14,800	\$7,600		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE
Asset # : 1796

Bulkheads		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural	Sheet Piles								
	Steel	20%			LIFE	**			
		Corrosion, Extent : Light, Area Affected : 25%							
		Location : Throughout Above Mhw Elevation							
	Not Accessible	80%							
Wales	Steel	100%			LIFE	**	5	\$6,300	
		Corrosion, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Pile Caps								
	Concrete	100%			LIFE	**	5	\$800	
Backfill	Fill								
	Topsoil	5%	Now	\$2,900	2067	**			
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : At Southern End Of Facility							
	Not Accessible	95%							
Surface	Concrete	95%			2040	**	5	\$2,900	
	Concrete	5%	0-2	\$4,800	2042	**	5	\$100	
		Settlement, Extent : Moderate, Area Affected : 100%							
		Location : Slab At Southern End Of Facility Beneath Masonry Wall							
Fender	Wales and Chocks								
	Timber	15%	Now	\$7,100	2042	**	4	\$2,200	
		Broken, Extent : Severe, Area Affected : 100%							
Deck Elements	Timber	85%			2036	**	4	\$18,400	
	Railing								
	Fencing	100%			2028	\$14,400	3	\$100	
		Corrosion, Extent : Moderate, Area Affected : 15%							
		Location : At Base Of Posts On North End							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : GRAVITY WALL AT HALLETS COVE
Address : 30TH DRIVE TO JUST SOUTH OF 31 AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0196.000 / 14022 **Yr Built/Renovated** :
Linear Ft : 515 **Project Type** : HIGHWAYS
Date of Survey : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 499 **Lot** : 51 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$51,900	\$566,300
Total	\$51,900	\$566,300
Importance Code A	\$51,900	
Importance Code B		\$566,300
Total	\$51,900	\$566,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads		\$500	\$1,800	
Total		\$500	\$1,800	
Importance Code A				
Importance Code B		\$500	\$1,800	
Total		\$500	\$1,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
GRAVITY WALL AT HALLETS COVE
Asset # : 14022

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Concrete	75%			LIFE	* *	5	\$1,600	
		Cracking, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : At Sta. 4+95 From North End							
		Explanation : Void							
	Concrete	25%	4+	\$51,900	LIFE	* *	5	\$500	
		Cracking, Extent : Moderate, Area Affected : 50%							
		Location : At Expansion Joint Sta. 3+96							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : From Sta. 0+75 To Sta. 3+32							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Concrete	60%			2036	* *	5	\$3,500	
	Topsoil	40%			2025	\$11,100	5	\$1,000	
Deck Elements									
	Railing								
	Aluminum	100%			2026	\$188,100			
	Parapet								
	Concrete	100%			2028	\$378,200			

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-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RELIEVING PLATFORM
Address : E. RIVER, 59TH TO 63RD ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0025.053 / 4341 **Yr Built/Renovated** :
Linear Ft : 1,223 **Project Type** : HIGHWAYS
Date of Survey : 20-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 1474 **Lot** : 60 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$794,400	\$187,300
Total	\$794,400	\$187,300
Importance Code A	\$794,400	\$98,000
Importance Code B		\$89,300
Total	\$794,400	\$187,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads			\$5,600	\$1,400
Total			\$5,600	\$1,400
Importance Code B			\$5,600	\$1,400
Total			\$5,600	\$1,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RELIEVING PLATFORM
Asset # : 4341

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Pile Supported Wall								
	Conc w/Stone Face	25%	2-4	\$218,200	LIFE	* *	5	\$24,500	
		Erosion, Extent : Moderate, Area Affected : 25%							
		Location : Throughout Above Granite Fascia Panels							
	Conc w/Stone Face	10%	Now	\$349,200	LIFE	* *	5	\$9,800	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Along Bottom Half Of Wall							
		Explanation : Missing Granite Fascia Panel							
	Conc w/Stone Face	65%	4+	\$227,000	LIFE	* *	5	\$63,700	
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Throughout Above Granite Fascia Panels							
	Piles and Bracing								
	Not Accessible	100%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	80%			2031	* *	5	\$11,200	
	Asphalt Pavers	20%			2037	* *	5	\$2,800	
Deck Elements									
	Railing								
	Aluminum	20%			2027	\$89,300			
	No Component	80%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : RELIEVING PLATFORM
Address : EAST RIVER, 34TH ST TO 36TH ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0025.064 / 4342 **Yr Built/Renovated** :
Linear Ft : 582 **Project Type** : HIGHWAYS
Date of Survey : 27-Jan-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 966 **Lot** : 50 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$556,300
Total		\$556,300
Importance Code B		\$556,300
Total		\$556,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$64,500	\$5,100		
Total	\$64,500	\$5,100		
Importance Code A	\$37,000			
Importance Code B	\$27,500	\$5,100		
Importance Code C				
Total	\$64,500	\$5,100		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
RELIEVING PLATFORM
Asset # : 4342

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top Concrete/Stone	5%	4+	\$24,100	LIFE	**			
		Broken, Extent : Moderate, Area Affected : 40%							
		Location : Broken Stone Facing 430 Ft From North							
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : Isolated At Top Of Bulkhead Throughout							
		Missing Block Seal, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Isolated At Top Of Bulkhead Throughout							
	Concrete/Stone	95%			LIFE	**			
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Coping/Curb Concrete	100%			LIFE	**	5	\$500	
		Cracking, Extent : Moderate, Area Affected : 5%							
		Location : Located Within Southern 230 Ft Of Asset							
	Piles and Bracing Not Accessible	100%							
	Lowlevel Pile Caps Timber	5%	Now	\$12,900	LIFE	**			
		Rotting/Splitting, Extent : Severe, Area Affected : 50%							
		Location : Along Bulkhead Face Throughout							
	Not Accessible	95%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface Asphalt	17%			2040	**	5	\$1,100	
		Cracking, Extent : Moderate, Area Affected : 5%							
		Location : Isolated Throughout							
	Asphalt Pavers	83%			2040	**	5	\$5,500	
Fender									
	Piles								
	Timber	20%	Now	\$21,900	2042	**	4	\$2,800	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Rotting/Splitting, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
	Timber	25%			2036	**	4	\$5,200	
	No Component	10%							
	Not Accessible	45%							
Deck Elements									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
RELIEVING PLATFORM
Asset # : 4342

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	95%			2025	\$528,400			
		Missing Coating, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Steel	5%	4+	\$5,600	2026	\$27,800			
		Broken, Extent : Moderate, Area Affected : 100%							
		Location : Broken And Deflected From Impact At 430 Ft From North							
		Impact Damage, Extent : Moderate, Area Affected : 25%							
		Location : Located 420 Ft To 441 Ft From North End							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : REVETMENT - RIPRAP BULKHEAD
Address : W 205TH TO W 206TH ST HARLEM RIVER,SUB 2 OF ASSET TYPE
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0187.000 / 13798 **Yr Built/Renovated** :
Linear Ft : 296 **Project Type** : HIGHWAYS
Date of Survey : 14-Oct-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 2186 **Lot** : 9 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$84,800	
Total	\$84,800	
Importance Code C	\$84,800	
Total	\$84,800	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$600		\$700	
Total	\$600		\$700	
Importance Code B			\$700	
Importance Code C	\$600			
Total	\$600		\$700	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
REVTMENT - RIPRAP BULKHEAD
Asset # : 13798

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural	Revetment							
	Stone	65%	4+	\$84,800	LIFE	* *	5	\$1,200
		<i>Erosion, Extent : Moderate, Area Affected : 85%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Non-engineered, Inadequate Protection</i>						
	Stone	35%			LIFE	* *	5	\$1,200
Backfill	Fill							
	Not Accessible	100%						
	Surface							
	Topsoil	100%			2026	\$15,900	5	\$1,400

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE
Address : SOUTH STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0192.000 / 13891 **Yr Built/Renovated** :
Area Sq Ft : 3,350 **Project Type** : FERRIES
Date of Survey : 08-Sep-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$113,800	\$41,000
Total	\$113,800	\$41,000
Importance Code A	\$113,800	\$41,000
Total	\$113,800	\$41,000

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$78,600	\$900	\$1,000	\$12,600
Total	\$78,600	\$900	\$1,000	\$12,600
Importance Code A	\$56,000			
Importance Code B	\$21,900	\$500	\$500	\$12,300
Importance Code C	\$800	\$300	\$500	\$300
Total	\$78,600	\$900	\$1,000	\$12,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE
Asset # : 13891

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Gangways									
	Aluminum	75%			2052	**	1-3	\$39,100	
	Aluminum	25%	Now	\$12,700	2052	**	1-3	\$10,000	
Cracked Weld, Extent : Light, Area Affected : 10%									
Location : Northeast Side Of South Gangway Near Bearing Pad									
Handrail Damage, Extent : Severe, Area Affected : 33%									
Location : Security Gate Dislodged At Top Of South Gangway									
Loose Connections, Extent : Severe, Area Affected : 33%									
Location : Bottom Of South Gangway Plate Pin Dislodged, Wearing On Rail									
Roller Malfunction, Extent : Severe, Area Affected : 20%									
Location : At The Northeast Connection Of The North Gangway									
Piles and Bracing									
	Steel	100%			2046	**	5-10		
Corrosion, Extent : Light, Area Affected : 10%									
Location : Throughout Support Beams									
Floating Docks									
Anchor Piles									
	Steel	75%			2046	**	3-5		
Corrosion, Extent : Light, Area Affected : 25%									
Location : In Tidal Zone									
Missing Coating, Extent : Light, Area Affected : 25%									
Location : In Tidal Zone									
	Not Accessible	25%							
Fenders									
	Rubber	95%			2025	\$5,600	1-2	\$4,100	
Worn, Extent : Light, Area Affected : 20%									
Location : Above Waterline Throughout									
	Rubber	5%	Now	\$300	2026	\$300	1-2	\$200	
Broken, Extent : Severe, Area Affected : 100%									
Location : At South Pile Guide On South Barge									
Floats/Frames									
	Steel	5%	Now	\$13,700	2036	**	5	\$300	
Damaged/Missing Pile Guide, Extent : Moderate, Area Affected : 10%									
Location : At Rub Pad On South Pile On South Barge									
Other Observation, Extent : Severe, Area Affected : 25%									
Location : At Center Connection On Large Space Truss									
Explanation : Loose Frame Connection									
	Steel	95%			2034	**	5-10	\$23,400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE
Asset # : 13891

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Floating Docks								
Barge								
Steel	65%			2039	* *	5	\$7,600	
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Above Waterline And In Splash Zone							
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : At Gangway Landings							
	Explanation : Abrasion							
Steel	5%	4+	\$28,500	2039	* *	5	\$300	
	Not Plumb, Extent : Moderate, Area Affected : 50%							
	Location : Barge Is Listing To The West							
Not Accessible	30%							
Deck Elements								
Railing								
Steel	100%			2025				
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Throughout Both Barges							
Electrical								
Conduit								
PVC	95%			2023	\$39,000			
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : At Moving Connections Between Barges							
	Explanation : Abrasion							
PVC	5%	Now	\$2,100	2024	\$2,100			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : At Gangway Landing At Southern Barge							
	Explanation : Broken							
Lighting Fixture								
Incandescent	20%	Now	\$2,300	2021	\$22,800			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : On South Barge And At All Gangways							
	Explanation : Broken/ Missing							
Incandescent	80%			2021	\$91,000			
Movable Ramps								
Deck and Railing								
Steel	100%			2039	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Aluminum Ramp							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : CITY ISLAND FERRY DOCK
Address : FORDHAM STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.000 / 13923 **Yr Built/Renovated** :
Area Sq Ft : 1,620 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$1,332,300	\$515,600
Total	\$1,332,300	\$515,600
Importance Code A	\$1,332,300	\$515,600
Total	\$1,332,300	\$515,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$82,800			\$600
Total	\$82,800			\$600
Importance Code A	\$81,500			
Importance Code B	\$1,300			\$600
Total	\$82,800			\$600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
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%			2024	\$46,900	5	\$1,400	
			Surface Wearing/Scaling, Extent : Light, Area Affected : 50%					
			Location : Isolated At Top Of Deck					
			Other Observation, Extent : Light, Area Affected : 50%					
			Location : Middle Section Of Movable Ramp					
			Explanation : Recent Repair Evident					
Not Accessible	50%							
Gangways								
Aluminum	10%	4+	\$800	2046	* *	1-3	\$200	
			Loose Connections, Extent : Moderate, Area Affected : 50%					
			Location : Half Of Hinge Plate Is Bent					
Aluminum	90%			2046	* *	1-3	\$2,200	
Pile Caps								
Timber	40%			2036	* *	4		
			Splitting, Extent : Light, Area Affected : 10%					
			Location : Isolated Throughout					
Not Accessible	60%							
Piles and Bracing								
Timber	20%	4+	\$25,500	2052	* *	4-5	\$1,400	
			Rotting/Splitting, Extent : Moderate, Area Affected : 100%					
			Location : Above Mhw					
Not Accessible	80%							
Floating Docks								
Anchor Piles								
Timber	60%	4+	\$4,500	2031	* *	4-5	\$300	
			Abrasion, Extent : Moderate, Area Affected : 50%					
			Location : In Tidal Zone					
Not Accessible	40%							
Floats/Frames								
Timber	50%			2031	* *			
			Wearing, Extent : Light, Area Affected : 100%					
			Location : Throughout					
Not Accessible	50%							
Fender								
Facing								
Timber	50%			2021	\$1,061,800			
			Other Observation, Extent : Moderate, Area Affected : 25%					
			Location : Tidal Zone Of The South Rack					
			Explanation : Abrasion					
No Component	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND FERRY DOCK
Asset # : 13923

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Timber	35%	2-4	\$115,300	2031		* *		
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	15%	Now	\$49,400	2031		* *		
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Explanation : Broken							
Timber	20%			2024	\$219,600			
Not Accessible	30%							
Wales and Chocks								
Timber	35%	Now	\$43,600	2027	\$87,200			
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	50%	2-4	\$62,300	2027	\$124,500			
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	15%			2027	\$37,400			
Gallows Frames								
Tower Frames								
Steel	5%	4+	\$17,300	2035		* *		
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Connection Hardware							
	Explanation : Corrosion							
Timber	10%	4+	\$33,500	2039		* *		
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Gallows Frames Foundation Piles							
	Explanation : Rotting							
Timber	85%			2035		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Explanation : Splitting							
Movable Ramps								
Bearings								
Steel	25%			2029		* *		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : At All Steel Bearing Surfaces							
	Explanation : Moderate Corrosion							
Timber	25%			2029		* *		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Timber Bearing Surfaces							
	Explanation : Abrasion/wearing							
Not Accessible	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND FERRY DOCK
Asset # : 13923

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Movable Ramps

Deck and Railing

Timber Deck on Steel

100%

2035

* *

Other Observation, Extent : Light, Area Affected : 50%

Location : Throughout Steel Deck Framing And Isolated On Rail

Explanation : Corrosion

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : EAST 34TH ST FERRY LANDING BARGES
Address : EAST RIVER, E 34TH STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0199.000 / 14193 **Yr Built/Renovated** :
Area Sq Ft : 8,175 **Project Type** : FERRIES
Date of Survey : 27-Jan-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 967 **Lot** : 50 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$37,900	\$992,600
Total	\$37,900	\$992,600
Importance Code A	\$37,900	\$992,600
Total	\$37,900	\$992,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$8,400	\$5,800	\$5,900	\$200
Total	\$8,400	\$5,800	\$5,900	\$200
Importance Code A	\$8,100		\$5,600	
Importance Code B	\$200	\$5,800	\$200	\$200
Total	\$8,400	\$5,800	\$5,900	\$200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EAST 34TH ST FERRY LANDING BARGES
Asset # : 14193

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	100%			2053	* *	1-3	\$19,000	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Connection At South Barge Toe Plate Bolt							
	Explanation : Bent Connection Damage							
Floating Docks								
Anchor Piles								
Steel	50%			2047	* *	3-5		
	Missing Coating, Extent : Light, Area Affected : 10%							
	Location : Along Guides							
Not Accessible	50%							
Fenders								
Rubber	100%			2025		1-2		
	Worn, Extent : Light, Area Affected : 15%							
	Location : Slips S.1, S.2 And All Slips On North Barge; Worn Moderate On Fender Panels At Berths N.1 And S.3							
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Bent Steel Bracket At Slip S.2							
	Explanation : Impact Damage							
Barge								
Steel	30%			2036	* *	5	\$11,300	
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Located At Weld And Rivet Connections							
Not Accessible	70%							
Deck Elements								
Railing								
Steel	95%			2025	\$864,400			
	Handrail Damage, Extent : Light, Area Affected : 10%							
	Location : Impact Damage At The South Barge, Berth S.2							
Steel	5%	4+	\$4,500	2025	\$45,500			
	Corrosion, Extent : Light, Area Affected : 100%							
	Location : North Barge West Slip							
	Missing Coating, Extent : Light, Area Affected : 100%							
	Location : North Barge West Slip							
Electrical								
Conduit								
Steel	50%			2025	\$68,900			
Steel	10%	Now	\$2,800	2027	\$13,800			
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : At South End Of North Barge, East And West Sides Of Access Gangway							
	Explanation : Abrasion Damage/ Broken Fitting							
PVC	40%			2023	\$32,000			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
EAST 34TH ST FERRY LANDING BARGES
Asset # : 14193

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Electrical

Lighting Fixture

Incandescent

90%

2021

\$34,100

Incandescent

10%

Now

\$200

2022

\$3,800

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Located At Northwest Corner Of The South Barge**Explanation : Broken Light Bulb*

Movable Ramps

Deck and Railing

Steel

90%

2036

* *

Steel

10%

4+

\$600

2036

* *

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Bent Toe Plates At Slips S.3 And N.3**Explanation : Damaged Toe Plates*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.*

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018**Asset Name : HART ISLAND FERRY DOCK****Address : HART ISLAND****Borough : BRONX****Agency's Number : N/A****Program / Asset # : DOT0193.000 / 13892****Yr Built/Renovated :****Area Sq Ft : 1,600****Project Type : FERRIES****Date of Survey : 02-Dec-2014****Landmark Status : NONE****Areas Surveyed :****Block : Lot : BIN :**

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$147,500	\$518,800
Total	\$147,500	\$518,800
Importance Code A	\$147,500	\$518,800
Total	\$147,500	\$518,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$40,800		\$7,600	\$1,800
Total	\$40,800		\$7,600	\$1,800
Importance Code A	\$40,800		\$7,600	\$1,800
Total	\$40,800		\$7,600	\$1,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
HART ISLAND FERRY DOCK
Asset # : 13892

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2024	\$121,900	5	\$3,600	
Surface Wearing/Scaling, Extent : Light, Area Affected : 40%								
Location : Throughout Top Of Deck								
Pile Caps								
Timber	100%			2046	* *	4	\$2,300	
Splitting, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout								
Piles and Bracing								
Timber	5%	4+	\$4,100	2046	* *	4-5	\$500	
Missing Connections, Extent : Severe, Area Affected : 50%								
Location : Fishplate On South Side								
Splitting, Extent : Moderate, Area Affected : 50%								
Location : Northwest Corner								
Timber	95%			2046	* *	4-5	\$16,400	
Splitting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Fender								
Facing								
Timber	10%	2-4	\$41,600	2026	\$41,600			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Missing, Broken								
Timber	40%			2025	\$166,600			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Abrasion								
Under Construction	50%							
Piles								
Timber	10%			2027	\$133,700			
Not Accessible	40%							
Under Construction	50%							
Wales and Chocks								
Timber	25%			2027	\$54,900			
Not Accessible	25%							
Under Construction	50%							
Gallows Frames								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
HART ISLAND FERRY DOCK
Asset # : 13892

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Gallows Frames								
Tower Frames								
Steel	25%			2035		* *		
	Other Observation, Extent : Light, Area Affected : 25%							
	Location : Throughout Steel Framework							
	Explanation : Corrosion And Coating Loss							
Steel	25%	4+	\$57,700	2039		* *		
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Mudline To Mhw							
	Explanation : Corrosion							
Timber	50%			2035		* *		
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Cracking, Splitting							
Movable Ramps								
Bearings								
Steel	50%	2-4	\$48,100	2041		* *		
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : At All Bearing Locations							
	Explanation : Corrosion							
Timber	50%	2-4	\$28,600	2041		* *		
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Along All Timber Bearing Elements							
	Explanation : Abrasion And Leaning							
Deck and Railing								
Timber Deck on Steel	70%			2035		* *		
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Timber Beck And Timber Stringers							
	Explanation : Weathering							
Timber Deck on Steel	5%	4+	\$6,300	2035		* *		
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Steel Hardware At Timber Beams Beneath Timber Deck							
	Explanation : Corrosion							
Not Accessible	25%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

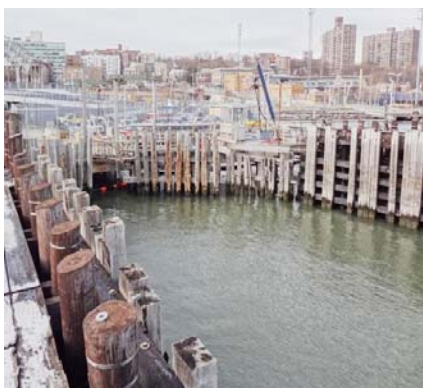
Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL FERRY SLIP 1
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.010 / 13894 **Yr Built/Renovated** :
Area Sq Ft : 200 **Project Type** : FERRIES
Date of Survey : 10-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$1,405,300	\$702,600
Total	\$1,405,300	\$702,600
Importance Code A	\$1,405,300	\$702,600
Total	\$1,405,300	\$702,600

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$12,800	\$100	\$100	\$400
Total	\$12,800	\$100	\$100	\$400
Importance Code B	\$12,800	\$100	\$100	\$400
Total	\$12,800	\$100	\$100	\$400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL FERRY SLIP 1

Asset # : 13894

Marinas/Docks		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
	Gangways								
	Timber	100%			2019	\$12,400	1-3	\$2,100	
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Entire Gangway							
		Explanation : Aging							
Fender									
	Facing								
	Timber	50%			2021	\$702,600			
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Throughout Splash Zone							
		Explanation : Abrasion							
	Timber	50%	Now	\$702,600	2026	\$702,600			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Missing Parts							
Piles									
	Timber	70%			2030	* *			
	Not Accessible	30%							
Wales and Chocks									
	Timber	100%			2030	* *			
Gallows Frames									
	Tower Frames								
	Timber	100%			2035	* *			
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Vertical Supports							
		Explanation : Splitting, Rotting							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.030 / 13896 **Yr Built/Renovated** :
Area Sq Ft : 8,600 **Project Type** : FERRIES
Date of Survey : 11-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$5,099,800	\$29,065,300
Total	\$5,099,800	\$29,065,300
Importance Code A	\$5,099,800	\$29,065,300
Total	\$5,099,800	\$29,065,300

EXPENSE

Total

Importance Code

Total


Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6

Asset # : 13896

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Facing								
Timber	85%			2021	\$4,317,900			
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Explanation : Abrasion							
Timber	5%	Now	\$254,000	2026	\$254,000			
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Isolated Throughout And At North Side Of Slip 6							
	Explanation : Missing, Broken							
Under Construction	10%							
Piles								
Timber	10%	0-2	\$527,900	2031		* *		
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Offshore Clusters, Especially Between Slips 4 And 5 And North Side Of Slip 3							
	Explanation : Broken							
Timber	50%			2027	\$26,394,500			
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : At Top Of Piles							
	Explanation : Splitting							
Not Accessible	30%							
Under Construction	10%							
Wales and Chocks								
Timber	55%			2027	\$2,416,900			
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Not Accessible	35%							
Under Construction	10%							
Gallows Frames								
Tower Frames								
Steel	100%			2035		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Isolated Throughout							
	Explanation : Coating Loss and Corrosion							
Movable Ramps								
Bearings								
Not Accessible	100%							
Deck and Railing								
Steel	70%			2035		* *		
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Isolated Throughout Ramp Surfaces Which Are 50/50 Asphalt/steel							
	Explanation : Coating Loss							
Not Accessible	30%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL SLIP 7
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.040 / 13897 **Yr Built/Renovated** :
Area Sq Ft : 4,500 **Project Type** : FERRIES
Date of Survey : 11-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks		\$947,300
Total		\$947,300
Importance Code A		\$790,000
Importance Code C		\$157,300
Total		\$947,300

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$24,300	\$9,500	\$1,200	
Total	\$24,300	\$9,500	\$1,200	
Importance Code A	\$3,400	\$9,500	\$1,200	
Importance Code C	\$20,900			
Total	\$24,300	\$9,500	\$1,200	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL SLIP 7
Asset # : 13897

Marinas/Docks		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Concrete	40%			2029	* *	5	\$6,800	
Spalling, Extent : Light, Area Affected : 2%									
Location : Isolated On Bottom Edge									
	Not Accessible	60%							
Pile Caps									
	Concrete	10%			2046	* *	5	\$2,300	
	Not Accessible	90%							
Piles and Bracing									
	Concrete Encased	10%			2046	* *			
	Timber								
	Not Accessible	90%							
Protective Structure									
Pile Cluster									
	Timber	20%	Now	\$18,200	2031	* *	4	\$2,700	
Broken, Extent : Severe, Area Affected : 100%									
Location : Single Cluster									
	Timber	40%			2027	\$121,400	4-10	\$44,000	
	Not Accessible	40%							
Deck Elements									
Railing									
	Steel	100%			2024	\$454,900			
Electrical									
Lighting Fixture									
	Incandescent	100%			2020	\$9,500			
Other Observation, Extent : Light, Area Affected : 25%									
Location : Base Of Light Pole On South Access Walkway									
Explanation : Corrosion									
Fender									
Piles									
	Timber	10%			2027	\$335,000			
	No Component	85%							
	Not Accessible	5%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.050 / 13898 **Yr Built/Renovated** :
Area Sq Ft : 850 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$658,300	\$9,682,900
Total	\$658,300	\$9,682,900
Importance Code A	\$658,300	\$9,289,600
Importance Code C		\$393,400
Total	\$658,300	\$9,682,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$60,200	\$22,100	\$2,200	\$1,900
Total	\$60,200	\$22,100	\$2,200	\$1,900
Importance Code A	\$40,200	\$15,300	\$2,100	\$200
Importance Code B	\$1,800	\$100	\$100	\$1,800
Importance Code C	\$18,200	\$6,700		
Total	\$60,200	\$22,100	\$2,200	\$1,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP
Asset # : 13898

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	100%			2024	\$81,600	5	\$2,400	
Gangways									
	Aluminum	100%			2046	* *	1-3	\$7,600	
Piles and Bracing									
	Timber	40%			2046	* *	4-5	\$4,600	
	Timber	10%	Now	\$5,500	2046	* *	4-5	\$600	
Displaced Elements, Extent : Severe, Area Affected : 25%									
Location : Broken Timber Braces At 69th St Slip									
	Not Accessible	50%							
Protective Structure									
Pile Cluster									
	Timber	50%			2024	\$303,600	4-10	\$110,000	
	Timber	10%	2-4	\$18,200	2031	* *	4	\$2,700	
Not Plumb, Extent : Severe, Area Affected : 100%									
Location : 69th Street Slip									
	Not Accessible	40%							
Deck Elements									
Railing									
	Timber	100%			2020	\$15,300			
Fender									
Piles									
	Timber	20%	Now	\$563,100	2031	* *			
Other Observation, Extent : Severe, Area Affected : 50%									
Location : Throughout Both Slips									
Explanation : Broken Or Missing									
	Timber	60%			2027	\$8,446,200			
Other Observation, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Explanation : Abrasion									
	Not Accessible	20%							
Wales and Chocks									
	Timber	20%	Now	\$95,200	2031	* *			
Other Observation, Extent : Severe, Area Affected : 50%									
Location : In Areas With Damaged Or Missing Piles									
Explanation : Broken Or Missing									
	Timber	80%			2024	\$761,700			
Gallows Frames									
Tower Frames									
	Timber	50%	2-4	\$33,500	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : 69th Street Slip									
Explanation : Splitting/ Rotting									
	Timber	50%			2029	* *			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.060 / 13899 **Yr Built/Renovated** :
Area Sq Ft : 1,200 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$339,000	\$1,025,900
Total	\$339,000	\$1,025,900
Importance Code A	\$339,000	\$868,500
Importance Code C		\$157,300
Total	\$339,000	\$1,025,900

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$18,300	\$13,800	\$4,300	\$1,400
Total	\$18,300	\$13,800	\$4,300	\$1,400
Importance Code A	\$3,800	\$13,700	\$4,200	
Importance Code B	\$11,800	\$100	\$100	\$1,400
Importance Code C	\$2,700			
Total	\$18,300	\$13,800	\$4,300	\$1,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM
Asset # : 13899

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Concrete	100%			2035	* *	5	\$4,500	
	Cracking, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : At Phantom Slip							
Gangways								
Aluminum	100%	4+	\$11,800	2052	* *	1-3	\$4,600	
	Missing Connections, Extent : Severe, Area Affected : 25%							
	Location : Phantom Slip							
Piles and Bracing								
Steel	50%			2036	* *	5-10	\$13,800	
	Corrosion, Extent : Moderate, Area Affected : 40%							
	Location : In Tidal Zone And Splash Zone At All Slips							
	Missing Coating, Extent : Moderate, Area Affected : 40%							
	Location : In Tidal Zone And Splash Zone At All Slips							
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	60%			2027	\$121,400	4-10	\$44,000	
Not Accessible	40%							
Deck Elements								
Railing								
Timber	25%	Now	\$3,800	2021	\$3,800			
	Broken, Extent : Severe, Area Affected : 100%							
	Location : Phantom Slip							
Timber	75%			2020	\$11,500			
Fender								
Facing								
Timber	80%			2021	\$199,900			
	Other Observation, Extent : Moderate, Area Affected : 75%							
	Location : Throughout							
	Explanation : Abrasion							
Timber	15%	Now	\$37,500	2026	\$37,500			
	Other Observation, Extent : Severe, Area Affected : 25%							
	Location : Timber Facing At Both Racks Of Phantom Slip							
	Explanation : Broken							
Not Accessible	5%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM
Asset # : 13899

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Steel	10%	2-4	\$29,000	2027	\$72,600			
	Other Observation, Extent : Severe, Area Affected : 25%							
	Location : Corrosion Holes At Some Hardware Connections In Tidal Zone							
	Explanation : Corrosion							
Steel	50%	4+	\$72,600	2027	\$363,000			
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : Throughout In Tidal And Splash Zones							
	Explanation : Missing Coating							
Not Accessible	40%							
Wales and Chocks								
Timber	100%			2027	\$395,500			
	Other Observation, Extent : Light, Area Affected : 25%							
	Location : Throughout							
	Explanation : Splitting							
Gallows Frames								
Tower Frames								
Steel	100%			2035	* *			
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Isolated Throughout And At Support Brackets Slip B-1							
	Explanation : Corrosion							
Movable Ramps								
Bearings								
Steel	100%			2035	* *			
Deck and Railing								
Steel	100%			2035	* *			
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Isolated At Slips B-1 And B-2							
	Explanation : Coating Loss And Corrosion							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WALL STREET FERRY PIER SLIPS A, C, E NORTH SIDE PIER 11
Address : PIER 11, GOUVERNEUR LANE EAST RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0200.000 / 14194 **Yr Built/Renovated** :
Area Sq Ft : 11,300 **Project Type** : FERRIES
Date of Survey : 04-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 36 **Lot** : 18 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$64,000	\$776,100
Total	\$64,000	\$776,100
Importance Code A	\$64,000	\$776,100
Total	\$64,000	\$776,100

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$3,300	\$10,000	\$8,900	\$9,000
Total	\$3,300	\$10,000	\$8,900	\$9,000
Importance Code A		\$3,800	\$8,000	\$300
Importance Code B	\$200	\$5,300	\$200	\$200
Importance Code C	\$3,000	\$800	\$700	\$8,500
Total	\$3,300	\$10,000	\$8,900	\$9,000



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
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%			2053	**			
		Corrosion, Extent : Light, Area Affected : 5%						
		Location : At Bottom Of Gangways						
Gangways								
Aluminum	100%			2053	**	1-3	\$17,600	
Floating Docks								
Anchor Piles								
Steel	45%			2047	**	3-5	\$11,900	
		Corrosion, Extent : Light, Area Affected : 20%						
		Location : Above Mlw Elevation And At Slip E Piles						
		Missing Coating, Extent : Moderate, Area Affected : 20%						
		Location : Above Mlw Elevation						
Not Accessible	55%							
Fenders								
Rubber	75%			2022	\$7,700	1-2	\$5,700	
		Worn, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Rubber	25%	2-4	\$2,600	2027	\$2,600	1-2	\$1,700	
		Worn, Extent : Moderate, Area Affected : 40%						
		Location : Isolated At Fenders All Slips At North Side						
Barge								
Steel	40%			2036	**	5	\$15,900	
		Corrosion, Extent : Light, Area Affected : 25%						
		Location : Isolated On All Barge Surfaces And Sides, But Concentrated On Slip E Barge						
Not Accessible	60%							
Protective Structure								
Donut Fender								
Steel/Rubber	60%			2026				
No Component	40%							
Deck Elements								
Railing								
Steel	100%			2025	\$776,100			
Electrical								
Conduit								
PVC	100%			2023	\$24,000			
Lighting Fixture								
Incandescent	100%			2021	\$64,000			
Movable Ramps								
Deck and Railing								
Steel	100%			2036	**			
		Other Observation, Extent : Light, Area Affected : 75%						
		Location : On Mechanical Elements						
		Explanation : Corrosion						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WALL STREET FERRY PIER SLIPS B, D SOUTH SIDE PIER 11
Address : PIER 11, GOUVERNEUR LANE EAST RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0200.010 / 14265 **Yr Built/Renovated** :
Area Sq Ft : 7,560 **Project Type** : FERRIES
Date of Survey : 04-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 36 **Lot** : 18 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$37,900	\$611,700
Total	\$37,900	\$611,700
Importance Code A	\$37,900	\$611,700
Total	\$37,900	\$611,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$1,000	\$5,800	\$5,800	\$3,900
Total	\$1,000	\$5,800	\$5,800	\$3,900
Importance Code A		\$1,900	\$5,400	
Importance Code B	\$200	\$3,600	\$200	\$200
Importance Code C	\$800	\$300	\$300	\$3,800
Total	\$1,000	\$5,800	\$5,800	\$3,900



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WALL STREET FERRY PIER SLIPS B, D SOUTH SIDE PIER 11
Asset # : 14265

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	100%			2053	**			
		Corrosion, Extent : Light, Area Affected : 5%						
		Location : On Gangway Supports And At Bottom Of Gangways						
Gangways								
Aluminum	100%			2053	**	1-3	\$11,700	
Floating Docks								
Anchor Piles								
Steel	45%			2053	**	3-5	\$5,900	
		Corrosion, Extent : Light, Area Affected : 10%						
		Location : Above Mlw Elevation						
		Missing Coating, Extent : Moderate, Area Affected : 10%						
		Location : Above Mlw Elevation						
Not Accessible	55%							
Fenders								
Rubber	15%	0-2	\$600	2027	\$600	1-2	\$400	
		Worn, Extent : Moderate, Area Affected : 30%						
		Location : Fenders On East Side Of Slip D						
Rubber	85%			2022	\$3,500	1-2	\$2,500	
		Worn, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Barge								
Steel	40%			2036	**	5	\$10,800	
		Corrosion, Extent : Light, Area Affected : 10%						
		Location : Isolated On Barge Surface At Slip D, And Along Sides Of Barges Above The Waterline						
Not Accessible	60%							
Deck Elements								
Railing								
Steel	100%			2025	\$611,700			
Electrical								
Conduit								
PVC	100%			2023	\$14,100			
Lighting Fixture								
Incandescent	100%			2021	\$37,900			
Movable Ramps								
Deck and Railing								
Steel	100%			2036	**			
		Other Observation, Extent : Light, Area Affected : 75%						
		Location : On Mechanical Elements						
		Explanation : Corrosion						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER
Address : WEST 39TH ST AND 12TH AVEE @THE HUDSON RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0201.000 / 14195 **Yr Built/Renovated** : 2005 /
Area Sq Ft : 19,512 **Project Type** : FERRIES
Date of Survey : 02-Feb-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 665 **Lot** : 14 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$294,000	\$932,800
Total	\$294,000	\$932,800
Importance Code A	\$294,000	\$932,800
Total	\$294,000	\$932,800

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$36,600	\$16,100	\$37,200	\$2,800
Total	\$36,600	\$16,100	\$37,200	\$2,800
Importance Code A	\$24,700		\$34,500	
Importance Code B	\$1,700	\$14,800	\$700	\$1,400
Importance Code C	\$10,300	\$1,300	\$2,000	\$1,300
Total	\$36,600	\$16,100	\$37,200	\$2,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Asset # : 14195

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Steel	15%			2047	**			
No Component	85%							
Gangways								
Aluminum	95%			2047	**	1-3	\$48,500	
Aluminum	5%	4+	\$1,100	2047	**	1-3	\$2,500	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Beneath Base Plates At North And South Gangways, East Ends								
Explanation : Deteriorated Grout Pads								
Piles and Bracing								
Steel	50%			2047	**	5-10	\$1,100	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Above Mlw								
Missing Coating, Extent : Light, Area Affected : 20%								
Location : Above Mlw								
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Steel	50%			2047	**	3-5		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Above Mlw								
Missing Coating, Extent : Light, Area Affected : 15%								
Location : Above Mlw								
Not Accessible	50%							
Fenders								
Rubber	60%			2025	\$13,600	1-2	\$10,000	
Rubber	40%	2-4	\$9,100	2027	\$9,100	1-2	\$5,900	
Worn, Extent : Moderate, Area Affected : 50%								
Location : At Contact Point With Ferries								
Railing								
Steel	100%			2025	\$860,200			
Broken, Extent : Light, Area Affected : 10%								
Location : Mid Rail At Slip 2								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Asset # : 14195

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks								
Barge								
Steel	48%			2036	* *	5	\$69,000	
	Corrosion, Extent : Moderate, Area Affected : 2%							
	Location : Isolated Throughout Top And Sides Of Barges And At Access Hatches							
	Displaced Component, Extent : Light, Area Affected : 10%							
	Location : Up To 2 Inches At Connections Between Center Barge And North And South Barges							
	Worn, Extent : Moderate, Area Affected : 5%							
	Location : On Vertical Faces Of Barges At Barge Pin Connections, West Side							
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : On Side Of Barge, Northeast Corner							
	Explanation : Impact Damage In Center Barge							
Steel	2%	4+	\$23,200	2036	* *	5	\$1,400	
	Corrosion, Extent : Severe, Area Affected : 2%							
	Location : Hole In Access Hatch, East Side Of North Barge							
Not Accessible	50%							
Electrical								
Conduit								
Steel	98%			2025	\$71,100			
Steel	2%	Now	\$1,500	2027	\$1,500			
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : At East Side Of South Barge, South Of Gangway							
	Explanation : Detached Grounding Cable							
Lighting Fixture								
Incandescent	100%			2021	\$256,000			
Fender								
Piles								
Timber	50%	Now	\$25,300	2032	* *			
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : At North Dolphin							
	Explanation : Broken Piles							
Timber	25%	2-4	\$12,700	2032	* *			
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : At South Dolphin							
	Explanation : Abrasion Damage And Broken Wire Rope							
Not Accessible	25%							
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3
Address : UPPER NEW YORK BAY SOUTH ST AND WHITEHALL ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0190.000 / 13889 **Yr Built/Renovated** :
Area Sq Ft : 6,510 **Project Type** : FERRIES
Date of Survey : 08-Sep-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$2,513,500	\$12,672,700
Total	\$2,513,500	\$12,672,700
Importance Code A	\$2,513,500	\$12,672,700
Total	\$2,513,500	\$12,672,700

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$17,000			
Total	\$17,000			
Importance Code A	\$17,000			
Total	\$17,000			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
 ** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841
WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3

Asset # : 13889

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Concrete	45%			2035	**	5		
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout							
	Timber	5%			2024		5		
	Not Accessible	50%							
Piles and Bracing									
	Steel	10%			2046	**	5-10		
		Corrosion, Extent : Light, Area Affected : 30%							
		Location : Above Mlw							
	Not Accessible	90%							
Fender									
Facing									
	Timber	15%	2-4	\$327,900	2024	\$327,900			
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Explanation : Abrasion							
	Timber	85%			2021	\$1,858,100			
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Throughout							
		Explanation : Abrasion							
Piles									
	Timber	5%	Now	\$39,600	2031	**			
		Other Observation, Extent : Severe, Area Affected : 40%							
		Location : Offshore Clusters							
		Explanation : Broken							
	Timber	10%	4+	\$79,200	2031	**			
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Explanation : Impact Damage							
	Timber	45%			2027	\$7,126,500			
	Not Accessible	40%							
Wales and Chocks									
	Timber	10%	2-4	\$208,700	2031	**			
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : Isolated Throughout							
		Explanation : Impact Damage							
	Timber	50%			2027	\$5,218,300			
	Not Accessible	40%							
Gallows Frames									
Tower Frames									
	Steel	100%			2035	**			
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Isolated Throughout							
		Explanation : Coating Damage							

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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	
Movable Ramps								
Bearings								
Not Accessible	100%							
Deck and Railing								
Steel	65%			2035		* *		
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Coating Loss On Railing</i>							
Steel	5%	0-2	\$17,000	2035		* *		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Slip Two Bottom Ramp</i>							
	<i>Explanation : Asphalt Deck Surface Delaminating</i>							
Not Accessible	30%							

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Print Date : 13-Oct-2017

DEPARTMENT OF TRANSPORTATION - FY 2018

Asset Name : YANKEE STADIUM FERRY LANDING
Address : OFFSHORE OF YANKEE STADIUM PARKING LOT NO 3. EXIT 6 OFF I87
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0202.000 / 14196 **Yr Built/Renovated** :
Area Sq Ft : 2,948 **Project Type** : FERRIES
Date of Survey : 11-Feb-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 2539 **Lot** : 4 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks		\$291,500
Total		\$291,500
Importance Code A		\$291,500
Total		\$291,500

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$28,200	\$500	\$11,800	\$2,700
Total	\$28,200	\$500	\$11,800	\$2,700
Importance Code A	\$2,600	\$400	\$11,600	\$400
Importance Code B	\$25,200	\$100	\$100	\$2,000
Importance Code C	\$300	\$100	\$100	\$300
Total	\$28,200	\$500	\$11,800	\$2,700



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DEPARTMENT OF TRANSPORTATION - 841
YANKEE STADIUM FERRY LANDING
Asset # : 14196

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Steel	100%	Now	\$25,200	2057	* *	1-3	\$6,600	
Corrosion, Extent : Light, Area Affected : 15%								
Location : At Underside And Along Surface Of East And West Gangways								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Both North And South Support Beams Sheared At West End								
Explanation : Broken								
Floating Docks								
Anchor Piles								
Steel	25%			2047	* *	3-5	\$1,100	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Above Waterline								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Above Waterline								
Explanation : Abrasion								
Steel	25%	0-2	\$2,600	2057	* *	3-5	\$1,100	
Not Plumb, Extent : Severe, Area Affected : 50%								
Location : North Anchor Pile								
Not Accessible	50%							
Deck								
Steel	100%			2025	\$2,700			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Surface And Underside Of Elevated Platform								
Fenders								
Rubber	25%			2025	\$500	1-2	\$400	
Worn, Extent : Light, Area Affected : 2%								
Location : Rubber Tires At West Side								
Rubber	25%			2025	\$500	1-2	\$400	
Worn, Extent : Light, Area Affected : 2%								
Location : North Face Of Barge								
Timber	25%			2025	\$300	3	\$1,000	
Worn, Extent : Light, Area Affected : 10%								
Location : South Face Of Barge								
No Component	25%							
Barge								
Steel	60%			2036	* *	5	\$5,700	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Along Sides Of Barge Above The W. L. And Isolated At Barge Surface								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Barge Listing To The Southwest								
Explanation : Listing								
Not Accessible	40%							
Deck Elements								

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DEPARTMENT OF TRANSPORTATION - 841
YANKEE STADIUM FERRY LANDING
Asset # : 14196

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	100%			2025	\$291,500			
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout							
Electrical									
	Conduit								
	Steel	100%			2025	\$14,900			
	Lighting Fixture								
	Sodium	100%			2021	\$8,800			

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DEPARTMENT OF TRANSPORTATION - 841**Project : HIGHWAYS**

CAPITAL		FY 2019 - 2022		FY 2023 - 2028	
Miscellaneous Buildings		337,300		146,200	
EXPENSE		FY 2019	FY 2020	FY 2021	FY 2022
Miscellaneous Buildings		113,900	20,800	14,900	17,800

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
545	ARTERIAL AND FLEET SERVICES SHED 2	1,000	31,600	1,600
546	ARTERIAL AND FLEET SERVICES SHED 3	1,000	31,600	1,600
547	ARTERIAL AND FLEET SERVICES SHED 4	1,000	31,600	1,600
548	ARTERIAL AND FLEET SERVICES GUARD HOUSE 1	96	0	2,300
553	KENT AVENUE BRIDGE COMPLEX GARAGE 6, 7 AND BOILER ROOM	2,248	71,100	3,500
565	ARTERIAL AND FLEET SERVICES STORAGE 2	1,073	34,000	1,700
566	ARTERIAL AND FLEET SERVICES TRAILER 1	300	0	7,100
567	ARTERIAL AND FLEET SERVICES TRAILER 2	224	0	5,300
568	ARTERIAL AND FLEET SERVICES TRAILER 3	480	0	11,400
569	ARTERIAL AND FLEET SERVICES TRAILER 4	480	0	11,400
570	ARTERIAL AND FLEET SERVICES SHED 1	600	0	14,200
1014	GLENDALE YARD BLDG. 6	831	0	19,700
1015	GLENDALE YARD BLDG. 5	913	0	21,600
1016	GLENDALE YARD BLDG. 8	600	0	14,200
1017	GLENDALE YARD BLDG. 9	288	0	6,800
1025	HAMILTON AVE. ASPHALT PLANT STORAGE	1,472	46,600	2,300
1026	HAMILTON AVE. ASPHALT PLANT STORAGE	96	0	2,300
1027	FLATLANDS AVENUE YARD GARAGE 7	105	0	2,500
1037	FLATLANDS AVENUE YARD GARAGE 3	480	0	11,400
1038	FLATLANDS AVENUE YARD GARAGE 4	1,000	31,600	1,600
1039	FLATLANDS AVENUE YARD GARAGE 5	1,000	31,600	1,600
1040	FLATLANDS AVENUE YARD GARAGE 6	576	0	13,600
14124	BROOKLYN ARTERIAL HWYS GARAGE	4,425	140,000	6,900
14853	BROOKLYN ARTERIAL HIGHWAY GARAGE STORAGE SHED	1,062	33,600	1,700

Project : WATERWAY BRIDGES

CAPITAL		FY 2019 - 2022		FY 2023 - 2028	
Special Systems		638,000,000		0	
EXPENSE		FY 2019	FY 2020	FY 2021	FY 2022
Special Systems		13,531,000	13,819,000	14,123,000	14,440,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2462	MANHATTAN BRIDGE MANHATTAN BRIDGE/EAST RIVER	1,203,814	85,000,000	12,735,000

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DEPARTMENT OF TRANSPORTATION - 841

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	0	14,583,000
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	303,000,000	15,866,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	250,000,000	12,729,000

Project : FERRIES

CAPITAL		FY 2019 - 2022		FY 2023 - 2028
Special Systems		17,350,000		0
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Special Systems	5,132,000	5,132,000	5,132,000	5,132,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		0	344,000
1021	FERRY-ANDREW J. BARBIERI		2,575,000	10,644,000
1022	FERRY-SAMUEL I. NEWHOUSE		2,730,000	344,000
4307	FERRY-ALICE AUSTEN		1,365,000	312,000
4308	FERRY-JOHN A. NOBLE		2,650,000	5,452,000
4538	FERRY-MOLINARI		2,650,000	344,000
4539	FERRY-MARCHI		2,650,000	344,000
4540	FERRY-SPIRIT		2,730,000	2,744,000

Project : ELECTRIC CONTROL

CAPITAL		FY 2019 - 2022		FY 2023 - 2028
Special Systems		36,237,000		0
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Special Systems	23,400,000	23,400,000	23,400,000	23,400,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYSTEM		36,237,000	93,600,000

Project : HIGHWAYS

CAPITAL		FY 2019 - 2022		FY 2023 - 2028
Special Systems		2,413,290,000		0
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Special Systems	0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		381,480,000	0
2842	STREETS AND HIGHWAYS SECONDARY		552,440,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,379,780,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		59,590,000	0

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DEPARTMENT OF TRANSPORTATION - 841**Project : TRAFFIC**

CAPITAL		FY 2019 - 2022		FY 2023 - 2028	
Special Systems		12,899,000		0	
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022	
Special Systems	42,322,000	42,322,000	42,322,000	42,322,000	
ASSET #	NAME	SQFT		CAPITAL	EXPENSE
2830	TRAFFIC LIGHT SYSTEM			12,899,000	169,288,000

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