

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ABE STARK SKATING RINK INDOOR FACILITY  
**Address** : SURF AVE, W.19 ST AND BOARDWALK  
**Borough** : BROOKLYN **Agency's Number** : B336-01  
**Program / Asset #** : PAR0118.001 / 914 **Yr Built/Renovated** : 1969 / 2014  
**Area Sq Ft** : 43,873 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,Att  
**Block** : 7072 **Lot** : 14 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,105,600	\$845,200
Interior Architecture	\$388,200	\$414,700
Electrical	\$463,700	\$930,300
Mechanical	\$38,200	\$128,100
<b>Total</b>	<b>\$1,995,800</b>	<b>\$2,318,300</b>
Importance Code A	\$1,105,600	\$845,200
Importance Code B	\$820,400	\$1,473,100
Importance Code C	\$69,800	
<b>Total</b>	<b>\$1,995,800</b>	<b>\$2,318,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$39,400			
Interior Architecture	\$50,100		\$1,400	\$7,800
Electrical	\$700	\$3,000	\$3,100	\$4,100
Mechanical	\$111,700	\$39,000	\$80,700	\$46,600
Site Pavements	\$31,000			
<b>Total</b>	<b>\$232,900</b>	<b>\$42,000</b>	<b>\$85,200</b>	<b>\$58,500</b>
Importance Code A	\$53,200	\$13,700	\$13,700	\$13,700
Importance Code B	\$133,800	\$28,200	\$71,500	\$42,800
Importance Code C	\$45,900			\$2,100
<b>Total</b>	<b>\$232,900</b>	<b>\$42,000</b>	<b>\$85,200</b>	<b>\$58,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**ABE STARK SKATING RINK INDOOR FACILITY**

**Asset # : 914**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%	Now	\$202,200	LIFE	**	5	\$87,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Columns And Concrete Bands</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Columns And Concrete Bands</i>								
Concrete Masonry Unit	5%	Now	\$36,900	LIFE	**	5	\$5,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 25%</i>								
<i>Location : North Entrance</i>								
Masonry: Brick	75%	Now	\$405,600	LIFE	**	5	\$131,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Southeast Entrance And North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Over Southeast Entrance</i>								
Metal Panel	5%			2049	**	5-10	\$60,400	
Metal Coiling Doors	5%	0-2	\$101,700	2049	**	5	\$13,700	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Glass Block	90%	0-2	\$20,700	LIFE	**	5	\$1,300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Louvers	8%			2038	**	10	\$1,100	
Metal Louvers	2%	Now	\$1,400	2044	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<b>Parapets</b>								
Cast in Place Concrete	25%			LIFE	**	5	\$213,000	
Metal Rail	75%	0-2	\$252,800	2042	**	5	\$219,700	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Modified Bitumen	17%			2034	**	10	\$44,800	
Modified Bitumen	80%			2034	**	10	\$210,800	
Skylight, Metal/Glass	3%			2039	**	10	\$26,400	
<b>Soffits</b>								
Alum/Vinyl Siding	100%	Now	\$17,300	2049	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roof Soffit</i>								
<b>Interior</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**ABE STARK SKATING RINK INDOOR FACILITY**

**Asset # : 914**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	65%	0-2	\$318,400	LIFE	**	5	\$328,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2038	**	5	\$11,500	
Sheet Vinyl/Rubber	25%			2034	**	5	\$86,500	
Vinyl Tile	5%			2034	**	3	\$4,300	
<b>Interior Walls</b>								
Cast in Place Concrete	10%	0-2	\$10,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2038	**	5	\$4,100	
Concrete Masonry Unit	75%	0-2	\$69,800	LIFE	**	5	\$24,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	5%			LIFE	**	5	\$6,200	
Masonry: Brick	5%			LIFE	**	10	\$1,200	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	90%	Now	\$24,400	2049	**	5	\$29,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Above Ice Rink And Main Entrance</i>								
Exposed Concrete	10%	0-2	\$10,800	LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2049	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	25%	0-2	\$13,000	2032	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : North Side Of The Building</i>								
Cast in Place Concrete	75%	0-2	\$18,000	2034	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : North And East Sides Of The Building</i>								
<b>Parking/Driveway</b>								
Asphalt	100%			2032	**			

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

**Under 600 Volts**

Service Equipment

Not Accessible 100%

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**Asset # : 914**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
	Not Accessible	100%						
Raceway								
	Conduit	70%			2029	\$22,400	1	
	Conduit	30%			2049	**	1	
Panelboards								
	Fused Disc Sw	5%			2037	**	5	\$100
	Fused Disc Sw	5%			2045	**	5	\$100
	Molded Case Bkrs	60%			2028	\$18,300	5	\$700
	Molded Case Bkrs	30%			2045	**	5	\$300
Wiring								
	Thermoplastic	70%			2029	\$19,800	1	
	Thermoplastic	30%			2055	**	1	
Motor Controllers								
	Locally Mounted	90%			2027	\$69,400	5	\$300
	Locally Mounted	10%			2046	**	5	
<b>Ground</b>								
Grounding Devices								
	Not Accessible	100%						
<b>Lighting</b>								
Interior Lighting								
	Fluorescent	25%			2029	\$393,900	10	\$35,400
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Fluorescent Lighting Fixtures Use T-8 Lamps And Are In Relatively Good Condition.</i>							
	Fluorescent	55%			2037	**	10	\$77,800
	<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	Fluorescent	10%			2029	\$157,600	10	\$14,100
	<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	Fluorescent	10%			2037	**	10	\$14,100
	<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Egress Lighting								
	Emergency, Battery	60%			2029	\$127,300	10	\$22,300
	Exit, Service	40%			2029	\$9,000	1	
Exterior Lighting								
	LED	100%			2039	**		
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Building Perimeter</i>							
<b>Alarm</b>								
Security System								
	No Component	70%						
	Generic	30%			2029	\$40,600	1	\$4,900

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**DEPT. OF PARKS & RECREATION - 846**  
**ABE STARK SKATING RINK INDOOR FACILITY**

**Asset # : 914**

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

Alarm

Fire/Smoke Detection  
Generic, Analog

100% Now \$463,700 2039 \* \* 1-3 \$24,600

*Not in Service, Extent : Light, Area Affected : 100%*

*Location : Throughout Building*

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

Heating

Energy Source

Natural Gas

100% 2039 \* \* 1

Conversion Equipment

Heat Exchanger, Shell &  
Tube

10% 2042 \* \*

Steam Boiler

90% 2046 \* \* 1 \$137,400

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

*Location : 1st Floor Boiler Room*

Distribution

Hot Wtr Piping/Pump

40% 2045 \* \* 4 \$4,600

Steam Piping/Pump

60% 2049 \* \*

Terminal Devices

Air Handler

60% 2034 \* \* 1 \$57,200

Convactor/Radiator

20% Now \$31,600 2034 \* \* 1 \$9,000

*Not in Service, Extent : Severe, Area Affected : 70%*

*Location : Throughout*

Fan Coil Unit/Heat

20% 2034 \* \* 1 \$10,000

Air Conditioning

Energy Source

Electricity

100% 2037 \* \* 1

Conversion Equipment

Centrifugal, Elec Chiller

100% 2038 \* \* 1 \$54,600

*R-22 Refrigerant, Extent : Light, Area Affected : 100%*

*Location : 1st Floor Air Conditioner Room*

Distribution

CW & CHW Wtr  
Pipe/Pump

100% 2039 \* \* 4 \$800

Terminal Devices

Air Handler/Cool/Ht

100% 2034 \* \* 1 \$95,400

Heat Rejection

Water Cooling Tower

100% 2030 \* \* 2 \$155,200

Dehumidifier

Generic

100% 2030 \* \*

Ventilation

Distribution

Ductwork/Diffusers

100% LIFE \* \* 2-5 \$136,100

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**DEPT. OF PARKS & RECREATION - 846**  
**ABE STARK SKATING RINK INDOOR FACILITY**

**Asset # : 914**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Ventilation</b>								
	Exhaust Fans							
	Interior	95%			2034	**	2	\$4,500
	Roof	5%			2034	**	2	\$200
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%			2039	**	1	
	Water Heater							
	Gas Fired	100%			2027	\$89,900	2	\$2,200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : One 75 Gallon Unit</i>					
	HW Heat Exchanger							
	Steam Fired	100%			2055	**	4	\$15,200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : Built Into The Boilers Which Are Under Construction</i>					
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2023	\$1,400	4	\$1,400
	Fixtures							
	Generic	100%						
<b>Fire Suppression</b>								
	Standpipe							
	No Component	90%						
	Generic	10%			2039	**	1-5	\$7,800
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : On The Roof Only</i>					

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT  
**Address** : 2 HYLAN BLVD. AT EDGEWATER ST.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0095.000 / 2886 **Yr Built/Renovated** : 1690 / 1985  
**Area Sq Ft** : 6,064 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Apr-2017 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 2830 **Lot** : 049 **BIN** : 5042188

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$41,500
Site Enclosure	\$54,600	
<b>Total</b>	<b>\$54,600</b>	<b>\$41,500</b>
Importance Code A		\$41,500
Importance Code C	\$54,600	
<b>Total</b>	<b>\$54,600</b>	<b>\$41,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$15,200		\$5,000	
Interior Architecture	\$58,800	\$2,000	\$300	
Electrical	\$300	\$500	\$400	\$51,400
Mechanical	\$700	\$500	\$800	\$500
Site Enclosure	\$900			
Site Pavements	\$19,300			
<b>Total</b>	<b>\$95,300</b>	<b>\$3,000</b>	<b>\$6,500</b>	<b>\$51,900</b>
Importance Code A	\$15,500	\$300	\$5,300	\$300
Importance Code B	\$56,800	\$2,700	\$1,100	\$51,600
Importance Code C	\$22,900		\$100	
<b>Total</b>	<b>\$95,300</b>	<b>\$3,000</b>	<b>\$6,500</b>	<b>\$51,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT**  
**Asset # : 2886**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	3%	Now	\$300	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Chimney</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Chimney</i>								
Masonry: Fieldstone	25%			LIFE	**	5	\$600	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Facade</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : West Facade</i>								
<i>Explanation : Covered With Stucco</i>								
Wood	72%	Now	\$7,200	2033	**	5	\$6,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Exit Stairs From Second Floor</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Exit Stairs From Second Floor</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Exit Stairs From Second Floor</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 95%</i>								
<i>Location : All Facades</i>								
<i>Split/Cracked, Extent : Light, Area Affected : 5%</i>								
<i>Location : Exit Stairs From Second Floor</i>								
Windows								
Wood	100%			2027	\$41,500	5	\$9,900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Windows And Shutters</i>								
Roof								
Copper/Terne	5%	0-2	\$100	2056	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Back Entrance</i>								
Roll Roofing	10%			2024	\$4,100	5	\$1,500	
Wood Shingles	85%	Now	\$7,600	2031	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Within Attic Space When Experiencing Driving Rain</i>								

Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT**  
**Asset # : 2886**

Architecture		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Carpet	10%			2024	\$15,500	3	\$1,400		
Cast in Place Concrete	5%			LIFE	**	5	\$1,000		
Ceramic Tile	5%			2037	**	5	\$500		
Panel/Paver: Cer/Brk	15%			2036	**	5	\$3,100		
Wood	65%	Now	\$21,700	2031	**	5	\$5,500		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Stairs To Second Floor</i>									
<i>Deflection Evident, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout 1st And Second Floors - Shoring Required</i>									
<i>Loose Units, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Throughout 1st And Second Floors</i>									
Interior Walls									
Ceramic Tile	5%			2037	**	5	\$200		
Gypsum Board	5%			LIFE	**	5	\$100		
Masonry: Brick	3%	Now	\$1,200	LIFE	**				
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>									
<i>Location : Fireplace</i>									
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>									
<i>Location : Fireplace</i>									
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%</i>									
<i>Location : Fireplace</i>									
<i>Spalling, Extent : Severe, Area Affected : 20%</i>									
<i>Location : Fireplace</i>									
Masonry: Fieldstone	7%	Now	\$2,400	LIFE	**				
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>									
<i>Location : Basement Storage Rooms</i>									
<i>Explanation : Mold Growth Due To Lack Of Air Circulation</i>									
Plaster	80%			LIFE	**	5	\$1,100		
Ceilings									
Exposed Struc: Wood	80%	Now	\$30,700	LIFE	**				
<i>Diagonal Cracks, Extent : Severe, Area Affected : 2%</i>									
<i>Location : Parlor Room</i>									
Plaster	20%	Now	\$2,900	LIFE	**	5	\$1,100		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Second Floor Storage Closet, Caretaker Apartment</i>									
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>									
<i>Location : Basement</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : 2nd Floor Office And Caretaker Apartment</i>									
Site Enclosure									
Fence/Gates									
Wood	100%	Now	\$54,600	2033	**				
<i>Impact Damage, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Washed Away During Superstorm Sandy</i>									

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

**DEPT. OF PARKS & RECREATION - 846**  
**ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT**  
**Asset # : 2886**

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

## Site Enclosure

## Retaining Walls

Cast in Place Concrete	15%			2048	**			
Masonry: Fieldstone	85%	Now	\$900	2038	**			

*Loose Units, Extent : Moderate, Area Affected : 20%*

*Location : Southern Edge Of Property - Severe Ponding At Adjacent Field*

## Site Pavements

## Public Sidewalk

Pavers/Stone	100%			2031	**			
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## On-Site Walkways

Pavers/Stone	100%			2031	**			
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## Parking/Driveway

Pavers/Stone	100%	Now	\$19,300	2031	**			
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*Ponding, Extent : Moderate, Area Affected : 25%*

*Location : Parking Area - Crushed Gravel*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2028	\$1,600	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Basement*

*Explanation : One 200 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Molded Case Bkrs	100%			2028	\$27,200	5	\$200	
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## Raceway

Conduit	100%			2028	\$4,200	1		
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## Panelboards

Fused Disc Sw	5%			2027	\$400	5		
Molded Case Bkrs	95%			2027	\$7,900	5	\$200	

## Wiring

Thermoplastic	100%			2028	\$9,100	1		
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## Motor Controllers

Locally Mounted	100%			2026	\$8,000	5		
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## Ground

## Grounding Devices

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

## Interior Lighting

Fluorescent	20%			2033	**	10	\$1,100	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Office And Basement*

*Explanation : T8 Lamps*

Incandescent	80%			2023	\$28,200	2	\$100	
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT**  
**Asset # : 2886**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Lighting								
Exterior Lighting								
Incandescent	100%			2023	\$21,600	2		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	**	1-3	\$3,700	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2048	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2033	**	1	\$3,000	
Distribution								
Hot Wtr Piping/Pump	100%			2036	**	4	\$400	
Terminal Devices								
Convactor/Radiator	100%			2033	**	1	\$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2026	\$1,300	1		
No Component	90%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2033	**	1		
Water Heater								
Gas Fired	100%			2026	\$3,900	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2022	\$200	4	\$100	
Fixtures								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ALLEY POND PARK ADVENTURE CENTER OFFICE  
**Address** : UNDER GRAND CENTRAL PARKWAY ENTRANCE @ DOUGLASTON PKWY  
**Borough** : QUEENS **Agency's Number** : Q001-07  
**Program / Asset #** : PAR0010.010 / 222 **Yr Built/Renovated** : 1939 /  
**Area Sq Ft** : 908 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Jun-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 7575 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$9,000	\$1,800		
Interior Architecture		\$1,000		
Electrical				\$6,600
Mechanical		\$800	\$100	\$2,200
Site Pavements	\$1,200			
<b>Total</b>	<b>\$10,200</b>	<b>\$3,600</b>	<b>\$100</b>	<b>\$8,800</b>
Importance Code A	\$9,000	\$1,800		\$2,100
Importance Code B		\$1,800	\$100	\$6,800
Importance Code C	\$1,200			
<b>Total</b>	<b>\$10,200</b>	<b>\$3,600</b>	<b>\$100</b>	<b>\$8,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK ADVENTURE CENTER OFFICE**

**Asset # : 222**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	5%	2-4	\$1,000	LIFE	**	5	\$200	
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Window Lintel, West Facade</i>								
Masonry: Fieldstone	95%	2-4	\$5,400	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : East Facade Joints</i>								
<b>Windows</b>								
Steel	100%			2036	**	5	\$3,600	
<b>Roof</b>								
Slate	100%	0-2	\$2,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Facade, Gutter Detached</i>								
<b>Interior</b>								
<b>Floors</b>								
Quarry Tile	100%			2041	**	5	\$2,000	
<b>Interior Walls</b>								
Gypsum Board	25%			LIFE	**	5	\$400	
Plaster	75%			LIFE	**	5	\$600	
<b>Ceilings</b>								
Gypsum Board	50%			LIFE	**	5	\$600	
Plaster	50%			LIFE	**	5	\$300	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	75%			2037	**			
Pavers/Stone	25%	0-2	\$1,200	2037	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Of Building</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2028	\$3,800	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2027	\$7,600	5		
<b>Wiring</b>								
Thermoplastic	100%			2028	\$8,300	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.

**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK ADVENTURE CENTER OFFICE**

**Asset # : 222**

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

Ground

Grounding Devices  
Generic

100% LIFE \* \* 5

Lighting

Interior Lighting  
Fluorescent

100% 2023 \$2,000 10 \$800

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

*Location : Throughout*

*Explanation : Using T12 Lamps*

Egress Lighting

Exit, Service

100% 2023 \$300 1

Exterior Lighting

HID

100% 2023 \$3,500 10

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

Heating

Energy Source

Fuel Oil No 2

100% 2028 \$1,700 5 \$300

Conversion Equipment

Furnace

100% 2023 \$2,000 1 \$500

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

*Location : Utility Room*

*Explanation : 1 Unit*

Distribution

Ductwork/Diffusers

100% LIFE \* \* 2-5 \$500

Plumbing

H/C Water Piping

Brass/Copper

50% 2038 \* \* 1

Galvanized Steel

50% 2026 \$1,900 1

Water Heater

Electric

100% 2021 \$800 4

Sanitary Piping

Cast Iron

100% LIFE \* \* 1

Fixtures

Generic

100%

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : ALLEY POND PARK ATHLETIC OFFICE AND COMFORT STATION - 01A  
 Address : GRAND CENTRAL PARKWAY, UNION TURNPIKE AND WINCHESTER BLVD.  
 Borough : QUEENS Agency's Number : Q001-02B  
 Program / Asset # : PAR0010.01A / 223 Yr Built/Renovated : 1939 / 2002  
 Area Sq Ft : 8,440 Project Type : PARKS AND RECREATION  
 Date of Survey : 29-Jun-2017 Landmark Status : NONE  
 Areas Surveyed : Basement, Roof, Floors 1  
 Block : 7575 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$75,900	
Interior Architecture	\$93,500	
Electrical	\$49,100	
<b>Total</b>	<b>\$218,400</b>	
Importance Code A	\$75,900	
Importance Code B	\$142,600	
<b>Total</b>	<b>\$218,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$39,400			
Interior Architecture	\$20,600	\$3,100	\$300	
Electrical			\$100	\$54,100
Mechanical	\$1,100	\$1,100	\$1,300	\$6,100
<b>Total</b>	<b>\$61,100</b>	<b>\$4,300</b>	<b>\$1,700</b>	<b>\$60,100</b>
Importance Code A	\$40,300	\$800	\$800	\$900
Importance Code B	\$10,700	\$3,400	\$900	\$59,200
Importance Code C	\$10,100			
<b>Total</b>	<b>\$61,100</b>	<b>\$4,300</b>	<b>\$1,700</b>	<b>\$60,100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK ATHLETIC OFFICE AND COMFORT STATION - 01A**  
**Asset # : 223**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$3,200	
Masonry: Fieldstone	85%			LIFE	**	5	\$8,100	
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
Wood	10%	Now	\$13,600	2033	**	5	\$3,200	
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Trims</i>							
	<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Trims</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Trims</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Bird Droppings</i>							
Windows								
Steel	60%	Now	\$35,100	2053	**	5	\$4,100	
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Toilet(s)</i>							
	<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Wood	40%	Now	\$12,600	2053	**	5	\$2,200	
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Entrance/Reception Area</i>							
	<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Parapets								
Wood Cornice	100%	Now	\$11,900	2038	**	5	\$8,200	
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Insect/Bird Damage, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
Roof								
Slate	100%	Now	\$40,700	LIFE	**			
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Entrance Reception Area</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</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.



**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK ATHLETIC OFFICE AND COMFORT STATION - 01A**  
**Asset # : 223**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Soffits</b>								
Wood	100%	0-2	\$1,300	2033	**	5	\$1,200	
<i>Deteriorated Finish, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	5%			LIFE	**	5	\$1,300	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Boiler Room</i>								
Ceramic Tile	5%			2037	**	5	\$600	
Quarry Tile	35%			2041	**	5	\$6,300	
Slate	55%	Now	\$93,500	LIFE	**	5	\$7,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Entrance</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Entrance</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	15%			LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Plaster	50%	Now	\$10,100	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Main Entrance, Mens Room</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Entrance</i>								
SGFT/Glazed Masonry	35%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	5%			LIFE	**	5	\$100	
Exposed Struc: Wood	65%	0-2	\$10,500	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Entrance</i>								
Plaster	30%			LIFE	**	5	\$2,400	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	100%			2031	**			

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK ATHLETIC OFFICE AND COMFORT STATION - 01A**  
**Asset # : 223**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2028	\$2,600	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : One 100 Ampere Main Disconnect Switch</i>						
Raceway								
Conduit	100%			2028	\$14,200	1		
Panelboards								
Molded Case Bkrs	100%			2027	\$15,300	5	\$200	
Wiring								
Thermoplastic	100%			2028	\$18,600	1		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2023	\$49,100	10	\$7,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Using T-12 Lamps</i>						
Egress Lighting								
Emergency, Battery	100%			2023	\$11,600	10	\$2,000	
Exterior Lighting								
HID	100%			2023	\$32,500	10		
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2048	**	1		
Conversion Equipment								
Steam Boiler	100%			2033	**	1	\$8,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Central Plant Steam Piping/Pmp	100%			2038	**	4	\$400	
Terminal Devices								
Convector/Radiator	100%			2033	**	1	\$2,700	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	50%			2038	**	1		
Galvanized Steel	50%			2026	\$17,700	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.

**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK ATHLETIC OFFICE AND COMFORT STATION - 01A**  
**Asset # : 223**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>	
Plumbing								
	Water Heater							
	Gas Fired	100%			2023	\$4,900	2	\$100
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Fixtures							
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ALLEY POND PARK COMFORT STATION @ ADVENTURE COURSE  
**Address** : UNDER GRAND CENTRAL PARKWAY @PICNIC AREA W OF GRAND CEN PKWY  
**Borough** : QUEENS **Agency's Number** : Q001-03A  
**Program / Asset #** : PAR0010.030 / 224 **Yr Built/Renovated** : 1939 /  
**Area Sq Ft** : 1,113 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Jun-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 7575 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$33,600			\$1,400
Interior Architecture	\$4,000	\$1,200		
Electrical				\$7,800
Mechanical	\$100	\$1,000	\$100	\$200
<b>Total</b>	<b>\$37,600</b>	<b>\$2,200</b>	<b>\$200</b>	<b>\$9,500</b>
Importance Code A	\$33,600	\$100	\$100	\$1,500
Importance Code B	\$4,000	\$2,200	\$100	\$8,000
Importance Code C				
<b>Total</b>	<b>\$37,600</b>	<b>\$2,200</b>	<b>\$200</b>	<b>\$9,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK COMFORT STATION @ ADVENTURE COURSE**  
**Asset # : 224**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Fieldstone	95%	Now	\$9,500	LIFE	**	5	\$4,000	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	2%	Now	\$1,300	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Pier Caps, Northwest Facade, South Facade</i>								
Wood	3%	Now	\$1,800	2033	**	5	\$400	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Beams Above Windows</i>								
Windows								
Glass Block	95%	Now	\$2,700	LIFE	**	5	\$300	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bathrooms And Office</i>								
Metal Louvers	5%			2037	**	10	\$200	
Roof								
Slate	100%	Now	\$18,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Office</i>								
Soffits								
Wood	100%			2033	**	5	\$2,900	
Interior								
Floors								
Quarry Tile	100%			2041	**	5	\$2,500	
Interior Walls								
Plaster	50%			LIFE	**	5	\$800	
SGFT/Glazed Masonry	50%			LIFE	**			
Ceilings								
Exposed Struc: Wood	15%			LIFE	**			
Plaster	85%	Now	\$4,000	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
Site Pavements								
On-Site Walkways								
Pavers/Stone	100%			2037	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK COMFORT STATION @ ADVENTURE COURSE**  
**Asset # : 224**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2028	\$3,800	1		
Panelboards								
Molded Case Bkrs	100%			2027	\$7,600	5		
Wiring								
Thermoplastic	100%			2028	\$8,300	1		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2023	\$2,500	10	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Exterior Lighting								
HID	100%			2023	\$4,300	10		
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2038	**	5	\$300	
Conversion Equipment								
Furnace	100%			2028	\$2,500	1	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Plumbing Area</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$600	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	50%			2038	**	1		
Galvanized Steel	50%			2026	\$2,300	1		
Water Heater								
Electric	100%			2021	\$900	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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**DEPT. OF PARKS & RECREATION - 846**  
**ALLEY POND PARK COMFORT STATION @ ADVENTURE COURSE**  
**Asset # : 224**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE  
 Address : 1 ASSER LEVY PLACE E. 23 STREET AND FDR DRIVE  
 Borough : MANHATTAN Agency's Number : M164-01  
 Program / Asset # : PAR0061.001 / 2567 Yr Built/Renovated : 1906 / 2003  
 Area Sq Ft : 38,200 Project Type : PARKS AND RECREATION  
 Date of Survey : 10-Sep-2015 Landmark Status : EXTERIOR LANDMARK  
 Areas Surveyed : Basement, Roof, Floors 1,2  
 Block : 981 Lot : 2 BIN : 1022552

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$469,300	\$44,500
Electrical		\$251,800
Mechanical		\$927,700
<b>Total</b>	<b>\$469,300</b>	<b>\$1,223,900</b>
Importance Code A	\$469,300	\$44,500
Importance Code B		\$1,179,500
<b>Total</b>	<b>\$469,300</b>	<b>\$1,223,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$83,200			
Interior Architecture	\$31,900		\$34,000	\$2,100
Electrical	\$1,800	\$1,100	\$1,700	\$1,300
Mechanical	\$8,300	\$6,000	\$6,300	\$6,800
<b>Total</b>	<b>\$125,200</b>	<b>\$7,100</b>	<b>\$42,100</b>	<b>\$10,200</b>
Importance Code A	\$85,100	\$1,900	\$2,000	\$1,900
Importance Code B	\$37,300	\$5,200	\$40,100	\$8,300
Importance Code C	\$2,800			
<b>Total</b>	<b>\$125,200</b>	<b>\$7,100</b>	<b>\$42,100</b>	<b>\$10,200</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE**  
**Asset # : 2567**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$21,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Street Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	60%			LIFE	**	5	\$33,400	
Masonry: Brick	20%	Now	\$112,000	LIFE	**	5	\$11,100	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Indoor Pool Enclosure</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Indoor Pool Enclosure</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Indoor Pool Enclosure</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Indoor Pool Enclosure Next To Stack</i>								
Masonry: Granite	5%			LIFE	**	5	\$2,100	
Masonry: Limestone	10%			LIFE	**	5	\$4,200	
Windows								
Wood	80%	0-2	\$800	2035	**	5	\$6,600	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Perimeter Windows</i>								
Wood	20%	Now	\$10,300	2052	**	5	\$1,700	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Indoor Pool - Clerstory Windows</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Indoor Pool - Clerstory Windows</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Indoor Pool - Clerstory Windows</i>								
Parapets								
Cast Stone/Terra Cotta	15%	Now	\$32,500	LIFE	**	5	\$7,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping Stones</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Upper Roof Coping Stones</i>								
Masonry: Brick	85%	Now	\$17,000	LIFE	**	5	\$5,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE**  
**Asset # : 2567**

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								
Copper/Terne	35%	Now	\$22,500	2042	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Fiberglass Panel	10%			2030	**	1		
Modified Bitumen	55%	Now	\$357,300	2037	**			1
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Mechanical Equipment Removed - Poorly Patched</i>								
<i>Ponding, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various Locations</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Mosaic Tile	10%			2032	**	5	\$14,300	
Quarry Tile	30%			2032	**	5	\$25,800	
Sheet Vinyl/Rubber	5%			2032	**	5	\$4,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Weight Room</i>								
<i>Explanation : Interlocking Tile</i>								
Vinyl Tile	30%			2032	**	3	\$8,600	
Wood	25%			2055	**	5	\$26,900	
Interior Walls								
Concrete Masonry Unit	2%			LIFE	**	5	\$300	
Glass: Single Pane	5%			LIFE	**	5	\$1,500	
Gypsum Board	10%			LIFE	**	5	\$2,300	
Masonry: Brick	13%			LIFE	**			
Plaster	40%	Now	\$2,800	LIFE	**	5	\$4,600	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Women's Locker Room - South East Corner</i>								
SGFT/Glazed Masonry	25%			LIFE	**			
Wood	5%			LIFE	**	5	\$7,700	

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**DEPT. OF PARKS & RECREATION - 846**  
**ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE**  
**Asset # : 2567**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTile,Adhered	10%			2032	**	5	\$5,700	
AcousTileConcealSpLn	25%			2032	**	5	\$17,900	
AcousTileSusp.Lay-In	10%	4+	\$10,300	2032	**	5	\$2,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Entrance Lobby And Throughout</i>								
Exposed Struc: Steel	15%			LIFE	**			
Gypsum Board	5%	Now	\$3,200	LIFE	**	5	\$3,600	
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pool Filter Room In Basement</i>								
Metal Panel	10%			LIFE	**	5	\$7,200	
Plaster	25%			LIFE	**	5	\$9,000	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	90%			2037	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1600 Amperes Main Disconnect Switch</i>								
Fused Disc Sw	10%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amperes Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2037	**	5	\$200	
<b>Raceway</b>								
Conduit	100%			2037	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2035	**	5		
Molded Case Bkrs	95%			2035	**	5	\$1,000	
<b>Wiring</b>								
Thermoplastic	100%			2037	**	1		
<b>Motor Controllers</b>								
Locally Mounted	5%			2032	**	5		
Motor Control Center	95%			2032	**	5	\$1,000	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$600	
<b>Lighting</b>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE**  
**Asset # : 2567**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	88%			2027	\$81,900	10	\$30,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	10%			2027	\$9,300	10	\$3,500	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
LED	2%			2037	* *			
<b>Egress Lighting</b>								
Emergency, Battery	20%			2027	\$11,500	10	\$1,800	
Exit, Service	80%			2027	\$9,200	1		
<b>Exterior Lighting</b>								
HID	100%			2027	\$160,600	10	\$100	
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2032	* *	1	\$4,300	
<b>Fire/Smoke Detection</b>								
No Component	70%							
Generic, Digital	30%			2032	* *	1-3	\$7,300	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Interruptible Gas/Dual Fuel	100%			2053	* *	1		
		<i>Recent Installation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Buried In The Parking Lot</i>						
		<i>Explanation : 2 3,000 Gallon Oil Tanks</i>						
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2047	* *	1	\$18,900	
		<i>Recent Installation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 2 Dual Fuel Hot Water Boilers</i>						
<b>Distribution</b>								
Hot Wtr Piping/Pump	20%			2052	* *	4	\$600	
		<i>Recent Installation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Boiler Room Only</i>						
Hot Wtr Piping/Pump	80%			2035	* *	4	\$1,500	

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE**  
**Asset # : 2567**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Terminal Devices								
Convactor/Radiator	100%			2032	**	1	\$12,300	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	60%			2027	\$299,100	2	\$1,400	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 70%</i>						
		<i>Location : Roof</i>						
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Equipment Has Been Removed, Will Be Replaced In The Near Future</i>						
Split Unit	40%			2027	\$340,000			
Heat Rejection								
Dry Cooler	40%			2027	\$86,600	2	\$10,600	
No Component	60%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$21,300	
Exhaust Fans								
Interior	50%			2027	\$70,800	2	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Air Handlers Serve For Ventilation</i>						
Roof	50%			2027	\$33,100	2	\$600	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	25%			2037	**	1		
Galvanized Steel	75%			2025	\$131,000	1		
		<i>On Extended Life, Extent : Moderate, Area Affected : 75%</i>						
		<i>Location : Throughout</i>						
HW Heat Exchanger								
HTHW/HW	100%			2037	**			
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Pool Filter/Treatment								
Sand	100%			2032	**	4	\$14,200	
Backflow Preventer								
Generic	100%			2032	**	1	\$2,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Unknown</i>						
		<i>Explanation : The Building Escort Had No Knowledge As To The Location Of This Device. Previous Reported Condition Left In Place.</i>						

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**DEPT. OF PARKS & RECREATION - 846**  
**ASSER LEVY RECREATION CENTER ASSER LEVY BATHHOUSE**  
**Asset # : 2567**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Plumbing									
	Fixtures								
	Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA PARK ASTORIA POOL  
**Address** : HOYT AVENUE AND 21 STREET 19 STREET TO DITMARS BLVD.  
**Borough** : QUEENS **Agency's Number** : Q004-02  
**Program / Asset #** : PAR0013.02F / 1108 **Yr Built/Renovated** :  
**Area Sq Ft** : 54,450 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 898 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$66,800	\$53,200
Interior Architecture	\$93,800	\$177,200
Electrical	\$228,900	\$183,300
Site Enclosure	\$261,900	
<b>Total</b>	<b>\$651,300</b>	<b>\$413,800</b>
Importance Code A	\$66,800	\$53,200
Importance Code B	\$546,500	\$360,500
Importance Code C	\$38,000	
<b>Total</b>	<b>\$651,300</b>	<b>\$413,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$1,000			
Electrical	\$2,000	\$2,000	\$2,000	\$2,200
<b>Total</b>	<b>\$3,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,200</b>
Importance Code A	\$1,000			
Importance Code B	\$2,000	\$2,000	\$2,000	\$2,200
<b>Total</b>	<b>\$3,000</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK ASTORIA POOL**  
**Asset # : 1108**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	90%	Now	\$66,800	LIFE	**	5	\$53,200	
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Perimeter Walls</i>								
Fiberglass Panel	10%	0-2	\$1,000	2031	**	5	\$2,200	
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairs And Perimeter Walls Throughout</i>								
<i>Explanation : Open Seams And Paint Peeling</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%	Now	\$93,800	LIFE	**	5	\$177,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fiberglas Coating Atop Concrete.</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Iron Picket	100%	Now	\$38,000	2048	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : At Mounting Brackets</i>								
<b>Retaining Walls</b>								
Masonry: Brick	100%	Now	\$223,900	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Caorner And At Caps Of Walls</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Perimeter Walls Throughout</i>								
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Thermoplastic	100%			2028	\$9,100	1		
<b>Lighting</b>								
<b>Exterior Lighting</b>								
HID	100%			2023	\$228,900	10	\$200	
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2028	\$183,300	1	\$20,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Camera Monitor Located At The Bathhouse Supervisor Office</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK ASTORIA POOL**  
**Asset # : 1108**

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
H/C Water Piping Galvanized Steel	100%			2033	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	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.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA PARK BATH HOUSE - 02  
**Address** : HOYT AVENUE AND 21 STREET 19 STREET TO DITMARS BLVD.  
**Borough** : QUEENS **Agency's Number** : Q004-02A  
**Program / Asset #** : PAR0013.020 / 1107 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 17,026 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 898 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,073,400	\$40,700
Interior Architecture	\$622,300	\$41,800
Electrical	\$71,600	\$57,300
Mechanical	\$543,200	\$70,100
<b>Total</b>	<b>\$2,310,500</b>	<b>\$210,000</b>
Importance Code A	\$1,188,200	\$40,700
Importance Code B	\$785,300	\$169,200
Importance Code C	\$336,900	
<b>Total</b>	<b>\$2,310,500</b>	<b>\$210,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$21,400	\$14,700		
Interior Architecture	\$51,700			\$2,900
Electrical	\$5,200	\$700	\$800	\$21,700
Mechanical	\$4,300	\$2,900	\$2,100	\$14,900
Site Pavements	\$5,000			
<b>Total</b>	<b>\$87,600</b>	<b>\$18,200</b>	<b>\$2,900</b>	<b>\$39,400</b>
Importance Code A	\$21,400	\$16,400	\$1,700	\$1,700
Importance Code B	\$37,600	\$1,900	\$1,200	\$37,700
Importance Code C	\$28,700			
<b>Total</b>	<b>\$87,600</b>	<b>\$18,200</b>	<b>\$2,900</b>	<b>\$39,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

Architecture		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Glass Block	33%	Now	\$405,300	LIFE	**	5	\$6,100	1
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i> <i>Location : East/ West Facades And Entry Vestibule</i>							
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i> <i>Location : Various Locations Throughout</i>							
		<i>Staining/Discoloring, Extent : Severe, Area Affected : 15%</i> <i>Location : Entry Foyer</i>							
	Masonry: Brick	65%	Now	\$387,200	LIFE	**	5	\$19,200	
		<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i> <i>Location : Throughout</i>							
		<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i> <i>Location : East Facade And West Facade</i>							
		<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i> <i>Location : East Facade And West Façade</i>							
		<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : East Facade</i>							
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i> <i>Location : Throughout</i>							
		<i>Paint Peeling, Extent : Moderate, Area Affected : 75%</i> <i>Location : All Facades</i>							
		<i>Caulking Deteriorated, Extent : Severe, Area Affected : 10%</i> <i>Location : Base Of Building - Throughout</i>							
		<i>Spalling, Extent : Moderate, Area Affected : 15%</i> <i>Location : Upper Bricks Near Walk Walkways</i>							
	Pre-Cast Concrete	2%	Now	\$4,400	LIFE	**	5	\$1,900	
		<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i> <i>Location : East Entrance And Various Locations Throughout</i>							
Windows									
	Aluminum	50%	Now	\$109,500	2053	**	5	\$1,200	
		<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 50%</i> <i>Location : Throughout</i>							
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i> <i>Location : Basement</i>							
	Metal Louvers	50%			2031	**	10	\$14,700	
Parapets									
	Metal Rail	75%	0-2	\$17,000	2033	**	5	\$40,700	
		<i>Deteriorated Finish, Extent : Light, Area Affected : 30%</i> <i>Location : All Railings</i>							
	Slate	25%	Now	\$48,100	LIFE	**	5	\$1,900	
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i> <i>Location : Various Coping Stones</i>							
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i> <i>Location : Underside Of Coping Stone</i>							

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Estimates are rounded to the nearest hundred dollars.

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**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Cast in Place Concrete	100%	Now	\$123,300	LIFE		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Above Locker Rooms</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Rooms, Basement</i>								
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$66,400	LIFE		**	5	\$41,800
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement Corridors</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement At Old Boiler Room</i>								
Ceramic Tile	10%	Now	\$20,600	2031		**	5	\$1,300
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Lifeguard Locker Rooms</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Male Restroom</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Male Restroom</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Female Locker Rooms</i>								
Quarry Tile	15%			2033		**	5	\$5,700

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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.

## DEPT. OF PARKS &amp; RECREATION - 846

## ASTORIA PARK BATH HOUSE - 02

Asset # : 1107

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

## Interior

## Interior Walls

Cast in Place Concrete	40%	Now	\$279,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i> <i>Location : Perimeter Basement Walls Abutting Pool Basin And Retaining Walls</i> <i>Spalling, Extent : Severe, Area Affected : 20%</i> <i>Location : Perimeter Basement Walls Abutting Pool Basin And Retaining Walls</i> <i>Water Penetration, Extent : Severe, Area Affected : 30%</i> <i>Location : North West Wall Abutting Pool</i>								
Plaster	20%	Now	\$23,700	LIFE	**	5	\$2,000	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 25%</i> <i>Location : Basement And Stairwells Above And Below, Lifeguard Locker Room</i> <i>Paint Peeling, Extent : Severe, Area Affected : 20%</i> <i>Location : Basement, Second Floor (Lifeguard Locker Rooms)</i> <i>Water Penetration, Extent : Moderate, Area Affected : 10%</i> <i>Location : Female Locker Room</i>								
SGFT/Glazed Masonry	40%	Now	\$57,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i> <i>Location : Male Locker Room</i> <i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Male Locker Room</i>								

## Ceilings

Exposed Concrete	80%	Now	\$219,000	LIFE	**	5	\$3,200	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i> <i>Location : Basement</i> <i>Water Penetration, Extent : Moderate, Area Affected : 50%</i> <i>Location : Basement, Locker Rooms, At Expansion Joints Throughout Basement</i>								
Plaster	20%	4+	\$7,400	LIFE	**	5	\$3,200	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i> <i>Location : Locker Rooms - Various Locations</i>								

## Site Pavements

## On-Site Walkways

Cast in Place Concrete	100%	Now	\$5,000	2033	**			
<i>Other Observation, Extent : Light, Area Affected : 15%</i> <i>Location : Various Sidewalk Flags At Pool Deck</i> <i>Explanation : Joint Erosion</i>								

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2048	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Electrical Room Basement</i> <i>Explanation : Two 1200 Ampere Main Disconnect Switches</i>								

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2048	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 225 And One 75 Kva 480/277hv-208/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2048	**	5	\$100	
Raceway								
Conduit	20%			2048	**	1		
Conduit	70%			2028	\$2,900	1		
Conduit	10%			2058	**	1		
Panelboards								
Fused Disc Sw	3%			2053	**	5		
Fused Disc Sw	7%			2044	**	5		
Molded Case Bkrs	60%			2027	\$5,000	5	\$300	
Molded Case Bkrs	10%			2044	**	5		
Molded Case Bkrs	20%			2053	**	5	\$100	
Wiring								
Braided Cloth	50%	2-4	\$4,500	2053	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2058	**	1		
Thermoplastic	20%			2048	**	1		
Motor Controllers								
Locally Mounted	30%			2026	\$4,800	5		
Locally Mounted	40%			2041	**	5		
Variable Frequency Drive	30%			2048	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	88%			2033	**	10	\$13,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	10%			2038	**	10	\$1,600	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And First Floor</i>								
Incandescent	2%			2023	\$2,000	2		
Egress Lighting								
Exit, Service	100%			2023	\$5,100	1		
Exterior Lighting								
HID	100%			2023	\$71,600	10	\$100	
Alarm								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

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

## Alarm

Security System  
Generic

100%      2028      \$57,300      1      \$6,400  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Outside And Lobby Entrance*  
*Explanation : Four CCTV Surveillance Camera And The Located At The Supervisor Office*

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

## Heating

Conversion Equipment  
Steam Boiler

100%      Now      \$114,900      2048      \* \*      1      \$15,200  
*Abandoned in Place, Extent : Severe, Area Affected : 100%*  
*Location : 2 Units In Basement*

## Distribution

Central Plant Steam  
Piping/Pmp

100%      Now      \$300,400      2058      \* \*      4      \$800  
*Abandoned in Place, Extent : Severe, Area Affected : 100%*  
*Location : Throughout*

## Terminal Devices

Convactor/Radiator

80%      Now      \$76,000      2048      \* \*      1      \$4,000  
*Not in Service, Extent : Severe, Area Affected : 80%*  
*Location : Throughout*  
*On Extended Life, Extent : Severe, Area Affected : 80%*  
*Location : Throughout*

Unit Heater - Steam

20%      Now      \$1,300      2023      \$12,700      4      \$300  
*Not in Service, Extent : Severe, Area Affected : 20%*  
*Location : 1st Floor*

## Air Conditioning

Energy Source  
Electricity

100%      2027      \$1,100      1

Conversion Equipment  
Window/Wall Unit  
No Component

2%      2021      \$700      1  
98%

## Plumbing

H/C Water Piping

Brass/Copper  
Galvanized Steel

10%      2048      \* \*      1  
90%      2026      \$70,100      1

Water Heater  
Electric

100%      2027      \$15,600      4      \$100  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout Mens And Womens Rooms*  
*Explanation : Multiple Units Are Installed*

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.

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Sanitary Piping Cast Iron	100%	Now	\$52,000	LIFE	**	1	
				<i>Leak Evident, Extent : Severe, Area Affected : 70%</i>				
				<i>Location : Basement</i>				
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
				<i>Corroded, Extent : Severe, Area Affected : 70%</i>				
				<i>Location : Basement</i>				
				<i>Leak Evident, Extent : Severe, Area Affected : 70%</i>				
				<i>Location : Basement</i>				
	Sump Pump(s) Non-Submersible	100%	Now	\$2,700	2038	**	4	\$400
				<i>Abandoned in Place, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
	Sewage Ejector(s) Electric	100%			2036	**	4	\$1,000
	Fixtures Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA PARK PUMP/ FILTER ROOM AND CONCESSION  
**Address** : HOYT AVENUE AND 21 STREET 19 STREET TO DITMARS BLVD.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0013.030 / 1109 **Yr Built/Renovated** : 1954 /  
**Area Sq Ft** : 8,168 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 898 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$344,100	
Interior Architecture	\$501,500	
Electrical		\$94,400
Mechanical		\$727,500
<b>Total</b>	<b>\$845,600</b>	<b>\$821,900</b>
Importance Code A	\$344,100	
Importance Code B	\$83,200	\$821,900
Importance Code C	\$418,300	
<b>Total</b>	<b>\$845,600</b>	<b>\$821,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$26,100			
Interior Architecture	\$29,900			
Electrical		\$100	\$100	\$41,300
Mechanical	\$21,600	\$300	\$1,300	\$1,600
<b>Total</b>	<b>\$77,600</b>	<b>\$300</b>	<b>\$1,400</b>	<b>\$42,900</b>
Importance Code A	\$26,100			
Importance Code B	\$50,400	\$300	\$1,400	\$42,900
Importance Code C	\$1,100			
<b>Total</b>	<b>\$77,600</b>	<b>\$300</b>	<b>\$1,400</b>	<b>\$42,900</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK PUMP/ FILTER ROOM AND CONCESSION**

**Asset # : 1109**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$4,000	
Masonry: Brick	95%	Now	\$206,500	LIFE	**	5	\$15,400	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : East/ West Facades At Corners And Wall Penetrations</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All Facades</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Wall Penetrations</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
Windows								
Steel	100%	Now	\$10,300	2053	**	5	\$1,100	
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Rail	75%			2033	**	5-10	\$59,900	
Metal Security Bars	15%			2043	**			
Slate	10%	Now	\$55,500	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Coping Stones Throughout</i>								
<i>Miss/Damaged Copings, Extent : Severe, Area Affected : 25%</i>								
<i>Location : West And East Facades</i>								
Roof								
Built-Up (BUR)	5%	Now	\$15,800	2038	**			
<i>Blisters, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Over Concession Stand</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Concession Stand</i>								
Cast in Place Concrete	95%	Now	\$45,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Steps And Bleachers</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Steps And Bleachers</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Eastern Parapet Walls</i>								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK PUMP/ FILTER ROOM AND CONCESSION**

**Asset # : 1109**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%	Now	\$28,300	LIFE	**	5	\$26,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Slab</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Basement Slab</i>								
<hr/>								
<b>Interior Walls</b>								
Cast in Place Concrete	95%	Now	\$418,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East And West Basement Walls</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 50%</i>								
<i>Location : East And West Basement Walls</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Basement - From Water Tanks At Grade And Scum Gutters At Pool Basin</i>								
Plaster	5%	Now	\$1,100	LIFE	**	5	\$200	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Stairwell</i>								
<hr/>								
<b>Ceilings</b>								
Exposed Concrete	95%	Now	\$83,200	LIFE	**	5	\$1,800	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Pipes And Parapet Walls</i>								
Plaster	5%	2-4	\$400	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : First Floor</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$5,400	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 1st Floor</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK PUMP/ FILTER ROOM AND CONCESSION**

**Asset # : 1109**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2028	\$54,400	5	\$200	
Raceway								
Conduit	100%			2028	\$6,000	1		
Panelboards								
Fused Disc Sw	15%			2027	\$1,200	5		
Fused Disc Sw	5%			2053	**	5		
Molded Case Bkrs	80%			2027	\$17,300	5	\$200	
Wiring								
Thermoplastic	95%			2028	\$7,000	1		
Thermoplastic	5%			2058	**	1		
Motor Controllers								
Locally Mounted	50%			2026	\$40,000	5		
Motor Control Center	40%			2026	\$32,000	5	\$100	
Variable Frequency Drive	10%			2048	**			
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	90%			2033	**	10	\$6,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	10%			2033	**	10		
Exterior Lighting								
HID	100%			2023	\$34,300	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Distribution								
Central Plant Steam Piping/Pmp	100%			2028	\$144,100	4	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : From Bath House</i>						
		<i>Explanation : Delivered From Adjacent Building</i>						
Terminal Devices								
Fan Coil Unit/Heat	100%			2028	\$127,500	1	\$2,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Have Not Been Used For Long Time</i>						
<b>Plumbing</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK PUMP/ FILTER ROOM AND CONCESSION**

**Asset # : 1109**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping Galvanized Steel	100%	0-2	\$14,900	2033	**	1	
<i>On Extended Life, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Piping System</i>								
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Corroded And Leaks At Valves, Pumps And Piping.</i>								
	Sanitary Piping Cast Iron	100%	Now	\$6,200	LIFE	**	1	
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Tunnel</i>								
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Sump Pump(s) Non-Submersible	100%			2023	\$1,300	4	\$200
	Pool Filter/Treatment Activated Carbon	100%			2026	\$455,800	4	\$2,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Court Yard</i>								
<i>Explanation : Temporary Filter Tanks</i>								
	Fixtures Generic	100%						
<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA PARK - OFFICE, FIELD HOUSE & COMFORT STATION  
**Address** : HOYT AVENUE AND 21 STREET 19 STREET TO DITMARS BLVD.  
**Borough** : QUEENS **Agency's Number** : Q004-03A  
**Program / Asset #** : PAR0013.010 / 1106 **Yr Built/Renovated** : 1939 / 2002  
**Area Sq Ft** : 6,592 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 898 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$65,300	\$127,800
<b>Total</b>	<b>\$65,300</b>	<b>\$127,800</b>
Importance Code A	\$65,300	\$127,800
<b>Total</b>	<b>\$65,300</b>	<b>\$127,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$47,900			\$700
Interior Architecture	\$23,500			\$1,800
Electrical		\$100		\$100
Mechanical	\$1,400	\$900	\$900	\$4,000
<b>Total</b>	<b>\$72,800</b>	<b>\$1,000</b>	<b>\$900</b>	<b>\$6,600</b>
Importance Code A	\$48,600	\$700	\$700	\$1,400
Importance Code B	\$12,400	\$300	\$200	\$5,300
Importance Code C	\$11,800			
<b>Total</b>	<b>\$72,800</b>	<b>\$1,000</b>	<b>\$900</b>	<b>\$6,600</b>



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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK - OFFICE, FIELD HOUSE & COMFORT STATION**

**Asset # : 1106**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	0-2	\$65,300	LIFE	**	5	\$9,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	10%			LIFE	**	5	\$900	
Stucco Cement	5%			2033	**	5	\$1,400	
Windows								
Aluminum	85%	Now	\$23,700	2053	**	5	\$300	1
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement And 1st Floor</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement And 1st Floor</i>								
Glass Block	15%			LIFE	**	5	\$100	
Parapets								
Masonry: Brick	95%	0-2	\$10,400	LIFE	**	5	\$1,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Interior Parapet Wall Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Underside Of Coping Stones</i>								
Masonry: Limestone	5%	Now	\$1,000	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping Stones</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping Stones</i>								
Roof								
Modified Bitumen	100%	0-2	\$12,800	2028	\$127,800			
<i>Alligatoring, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Seams Throughout</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : All Areas</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	30%	0-2	\$6,500	LIFE	**	5	\$6,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Stairs To Basement</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Perimeter Of Basement Slab From Surrounding Ground Water.</i>								
Quarry Tile	25%			2033	**	5	\$3,500	
Terrazzo	45%			LIFE	**	5	\$3,300	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK - OFFICE, FIELD HOUSE & COMFORT STATION**  
**Asset # : 1106**

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

**Interior**

## Interior Walls

Cast in Place Concrete	25%	Now	\$10,300	LIFE	**			
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Perimeter Basement Walls</i>								
Plaster	30%	4+	\$1,600	LIFE	**	5	\$500	
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair To Basement</i>								
SGFT/Glazed Masonry	45%			LIFE	**			

## Ceilings

Exposed Concrete	25%			LIFE	**	5	\$400	
Plaster	75%	0-2	\$5,200	LIFE	**	5	\$4,400	
<i>Horizontal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Lobby Vestibule</i>								

**Site Pavements**

## On-Site Walkways

Asphalt	100%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Component Actually Crushed Gravel</i>								

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

**Under 600 Volts**

## Service Equipment

Fused Disc Sw	100%			2038	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								

## Transformers

Dry Type	100%			2033	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 112.5 208hv-208/120lv</i>								

## Switchgear / Switchboard

Molded Case Bkrs	100%			2038	**	5	\$200
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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	\$200

## Wiring

Thermoplastic	100%			2038	**	1	
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## Motor Controllers

Locally Mounted	100%			2033	**	5	
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**Ground**

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**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK - OFFICE, FIELD HOUSE & COMFORT STATION**

**Asset # : 1106**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting Fluorescent	100%			2028	\$16,100	10	\$6,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Exterior Lighting HID	100%			2028	\$27,700	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Fuel Oil No 2	100%			2048	**	5	\$2,000	
Conversion Equipment Steam Boiler	100%			2048	**	1	\$6,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 1 Brand New Unit</i>								
Distribution Steam Piping/Pump	100%			2038	**			
Terminal Devices Convactor/Radiator	100%	Now	\$700	2033	**	1	\$1,900	
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Male Bathroom</i>								
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2036	**	1		
Conversion Equipment Window/Wall Unit	25%			2026	\$3,600	1		
No Component	75%							
<b>Ventilation</b>								
Exhaust Fans Wall Unit	40%			2023	\$1,000	2	\$100	
No Component	60%							
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	50%			2038	**	1		
Galvanized Steel	50%			2026	\$15,100	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK - OFFICE, FIELD HOUSE & COMFORT STATION**  
**Asset # : 1106**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Water Heater							
	Electric	100%			2027	\$6,100	4	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
			<i>Explanation : One Unit</i>					
	Sanitary Piping							
	Cast Iron	100%			LIFE	* *	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	* *	1	
	Sump Pump(s)							
	Non-Submersible	100%			2023	\$1,000	4	\$100
	Fixtures							
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.  
**Address** : 167 LIVONIA AVE.  
**Borough** : BROOKLYN **Agency's Number** : B008-01A  
**Program / Asset #** : PAR0097.01A / 183 **Yr Built/Renovated** : 1940 /  
**Area Sq Ft** : 35,450 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3570 **Lot** : 1 **BIN** : 3081931

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$2,185,100	\$231,900
Interior Architecture	\$1,057,500	\$166,300
Electrical	\$248,300	\$56,200
Mechanical	\$474,100	\$1,055,300
<b>Total</b>	<b>\$3,965,100</b>	<b>\$1,509,700</b>
Importance Code A	\$2,185,100	\$471,000
Importance Code B	\$1,359,200	\$1,038,600
Importance Code C	\$420,800	
<b>Total</b>	<b>\$3,965,100</b>	<b>\$1,509,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$40,100			
Interior Architecture	\$24,900			\$900
Electrical	\$63,200	\$5,600		
Mechanical	\$53,200	\$10,100	\$7,500	\$4,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$185,400</b>	<b>\$19,600</b>	<b>\$11,500</b>	<b>\$9,500</b>
Importance Code A	\$45,200	\$3,500	\$3,500	\$3,500
Importance Code B	\$127,100	\$16,100	\$7,900	\$6,000
Importance Code C	\$13,000			
<b>Total</b>	<b>\$185,400</b>	<b>\$19,600</b>	<b>\$11,500</b>	<b>\$9,500</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	30%	Now	\$250,700	LIFE	**	5	\$7,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Flush Glass Block Portions - Locker Rooms</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At Lintels In Toilet Rooms</i>								
Masonry: Brick	45%	Now	\$284,900	LIFE	**	5	\$17,000	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Northeast And Southeast Corners; Flanking Stairs To Roof</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Northeast And Southeast Corners</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Northeast And Southeast Corners And Flanking Stairs To Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Marble	4%	Now	\$60,600	LIFE	**	5	\$1,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Entrances To Mens / Womens Wings At Entrance</i>								
<i>Protect.Netting in Place, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Entrances To Mens / Womens Wings At Entrance</i>								
Masonry: Sandstone	8%	Now	\$258,000	LIFE	**	5	\$2,300	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Overhead At Entry Vestibule</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Overhead At Glass Block Openings</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 15%</i>								
<i>Location : Overhead At Entry Vesibule</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Overhead Lintels At Glass Block Openings</i>								
<i>Explanation : Rusting Masonry Support</i>								
Metal Sect. OHD	2%	Now	\$26,200	2046	**	5	\$1,200	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East Wall, Entries To Roof Top Area</i>								
<i>Explanation : Gate - Overhead Doors Rusted / Corroded</i>								
Metal: Cage/Fence	6%			2039	**	5	\$9,900	
Pre-Cast Concrete	5%	Now	\$13,900	LIFE	**	5	\$6,100	

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**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

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								
Pre-Cast Concrete	5%	Now	\$13,900	LIFE	**	5	\$6,100	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Sandstone	35%	Now	\$345,700	LIFE	**	5	\$22,100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Loose Units, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Stairs And Railing Connections</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Perimeter At Upper Roof</i>								
<i>Explanation : Improper Mortar/flashing</i>								
Metal Rail	65%	2-4	\$97,000	2031	**	5	\$231,900	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout, Coping</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Brick Connections</i>								
Roof								
Built-Up (BUR)	70%	Now	\$621,800	2036	**			1
<i>Alligatoring, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Debris Present, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Lower Roofs, West Side Upper Roof</i>								
<i>Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Low Roofs, At North And South Sides, West Side Upper Roof</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	30%	Now	\$266,500	2036	**			1
<i>Water Penetration, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper Roof</i>								
<i>Explanation : Shade Structure</i>								
Interior								

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**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

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	60%			LIFE	**	5	\$48,000	
Ceramic Tile	15%	Now	\$11,800	2029	\$118,300	5	\$2,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Rooms Throughout, Basement</i>								
Marble Panels	5%			LIFE	**	5	\$1,400	
Vinyl Tile	20%	Now	\$69,200	2036	**	3	\$2,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout Basement And 2nd Floor Office</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout Basement And 2nd Floor Office</i>								
Interior Walls								
Cast in Place Concrete	25%	Now	\$211,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Walls, Columns</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Various Basement Locations</i>								
Concrete Masonry Unit	15%			LIFE	**	5	\$7,200	
Masonry: Brick	5%	Now	\$13,000	LIFE	**			
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northwest Basement Doorway</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Plaster	25%	Now	\$53,700	LIFE	**	5	\$9,000	
<i>Worn/Eroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Toilets, Offices, Entrance Rotunda</i>								
SGFT/Glazed Masonry	30%	Now	\$155,500	LIFE	**			
<i>Staining/Discoloring, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Locker Rooms</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Concrete	60%	Now	\$235,800	LIFE	**	5	\$3,400	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement Beams And Ceiling</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement, Both Gymnasium</i>								
Exposed Struc: Steel	10%	Now	\$171,500	LIFE	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Underside Of Shade Structure On Roof</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper Roof</i>								
<i>Explanation : Shade Structure</i>								
Plaster	30%	Now	\$160,300	LIFE	**	5	\$6,900	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Toilet / Shower Rooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Toilet / Shower Rooms</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%	0-2	\$1,600	2056	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Available Nameplate Ratings , On Extended Life</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%	0-2	\$27,200	2056	**	5	\$500	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Raceway</b>								
Conduit	100%			2026	\$4,200	1		
<b>Panelboards</b>								
Molded Case Bkrs	80%			2025	\$13,300	5	\$700	
Molded Case Bkrs	20%	2-4	\$3,300	2051	**	5	\$100	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Braided Cloth	80%	2-4	\$7,300	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	20%			2026	\$1,800	1		
<b>Motor Controllers</b>								
Locally Mounted	60%			2024	\$19,200	5	\$100	
Locally Mounted	40%	2-4	\$12,800	2046	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Area</i>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	0-2	\$10,600	LIFE	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main In Basement</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	3%			2021	\$2,600	10	\$1,000	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	65%			2026	\$56,200	10	\$21,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID	30%			2021	\$96,700	10	\$300	
Incandescent	2%			2021	\$4,100	2		
<b>Egress Lighting</b>								
Emergency, Service	50%			2026	\$9,700	1		
Exit, Service	50%			2026	\$5,300	1		
<b>Exterior Lighting</b>								
HID	100%			2021	\$149,000	10	\$100	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Fuel Oil No 2	100%			2026	\$72,000	5	\$11,000	
<b>Conversion Equipment</b>								
Steam Boiler	100%			2024	\$239,200	1	\$35,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
<b>Distribution</b>								
	Central Plant Steam Piping/Pmp	100%	Now	\$125,100	2026	\$625,400	4	\$1,700
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Basement</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Vacuum Pumps, Basement</i>								
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2 Vacuum Pumps, Basement</i>								
<hr/>								
<b>Terminal Devices</b>								
	Air Handler	20%	Now	\$103,900	2036	**	1	\$3,900
<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement Fan Room</i>								
	Convactor/Radiator	60%			2024	\$118,700	1	\$6,900
	Unit Heater - Steam	20%	0-2	\$26,400	2036	**	4	\$600
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Obsolete Units</i>								
<hr/>								
<b>Air Conditioning</b>								
<b>Energy Source</b>								
	Electricity	100%			2034	**	1	
<hr/>								
<b>Conversion Equipment</b>								
	Int Pkg Unit - Heating/Cooling	10%	Now	\$7,900	2020	\$78,600	2	\$200
<i>Not in Service, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
	Window/Wall Unit	5%			2020	\$3,900	1	
	No Component	85%						
<hr/>								
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$19,800
<hr/>								
<b>Exhaust Fans</b>								
	Interior	40%	Now	\$5,300	2021	\$52,600	2	\$300
<i>Not in Service, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Fan Room</i>								
	No Component	60%						
<hr/>								
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%	Now	\$55,100	2036	**	1	
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Basement</i>								

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



**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**

**Asset # : 183**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	HW Heat Exchanger Steam Fired	100%	0-2	\$58,900	2056	**	4	\$3,500
<i>Corroded, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Basement Boiler Room</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<hr/>								
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
<hr/>								
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
<hr/>								
	Sump Pump(s) Non-Submersible	100%	Now	\$5,600	2036	**	4	\$700
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<hr/>								
<b>Fixtures</b>								
	Generic	100%						
<hr/>								
<b>Vertical Transport</b>								
	Elevators Hydraulic	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cellar To 1st Floor</i>								
<i>Explanation : 1 Unit</i>								
<hr/>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BETSY HEAD MEMORIAL PLAYGROUND BETSY HEAD POOL, OLYMPIC  
**Address** : 167 LIVONIA AVE.  
**Borough** : BROOKLYN **Agency's Number** : B008-01  
**Program / Asset #** : PAR0097.001 / 2700 **Yr Built/Renovated** :  
**Area Sq Ft** : 54,120 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 3570 **Lot** : 1 **BIN** : 3081931

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$207,300
Interior Architecture	\$86,100	\$162,700
Electrical		\$227,500
Mechanical		\$247,600
<b>Total</b>	<b>\$86,100</b>	<b>\$844,900</b>
Importance Code A		\$207,300
Importance Code B	\$86,100	\$637,700
<b>Total</b>	<b>\$86,100</b>	<b>\$844,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Electrical				
<b>Total</b>				
Importance Code B				
<b>Total</b>				



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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BETSY HEAD POOL, OLYMPIC**  
**Asset # : 2700**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	100%			LIFE	**	5	\$207,300	
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## Interior

## Floors

Cast in Place Concrete	100%	Now	\$86,100	LIFE	**	5	\$162,700	
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*Loose/Delam Surface, Extent : Moderate, Area Affected : 15%*

*Location : Throughout*

*Paint Peeling, Extent : Light, Area Affected : 15%*

*Location : Throughout*

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

## Under 600 Volts

## Raceway

Not Accessible	100%							
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## Wiring

Not Accessible	100%							
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## Lighting

## Exterior Lighting

HID	100%			2026	\$227,500	10	\$200	
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2024	\$247,600	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BETSY HEAD MEMORIAL PLAYGROUND COMFORT STATION  
**Address** : 167 LIVONIA AVE.  
**Borough** : BROOKLYN **Agency's Number** : B008-02A  
**Program / Asset #** : PAR0097.02A / 598 **Yr Built/Renovated** : 1940 /  
**Area Sq Ft** : 900 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 3570 **Lot** : 1 **BIN** : 3081931

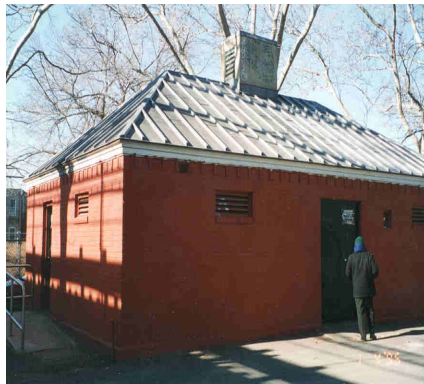
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$6,800			
Interior Architecture	\$4,300			
Electrical	\$16,000	\$2,800		
Mechanical	\$500	\$2,100		
<b>Total</b>	<b>\$27,600</b>	<b>\$4,900</b>		
Importance Code A	\$7,000	\$2,100		
Importance Code B	\$20,000	\$2,800		
Importance Code C	\$600			
<b>Total</b>	<b>\$27,600</b>	<b>\$4,900</b>		



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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND COMFORT STATION**

**Asset # : 598**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	100%	2-4	\$4,900	LIFE	**	5	\$3,200	
<i>Diagonal Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : All Facades</i>								
<hr/>								
<b>Windows</b>								
Metal Louvers	5%	Now	\$100	2041	**			
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : All Facades</i>								
<hr/>								
No Component	95%							
<hr/>								
<b>Roof</b>								
Metal Panel	100%	2-4	\$1,800	2031	**			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Perimeter Eaves</i>								
<hr/>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	50%			LIFE	**	5	\$1,400	
Ceramic Tile	50%	Now	\$600	2029	\$13,000	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bathrooms</i>								
<i>Explanation : Staining / Discoloring</i>								
<hr/>								
<b>Interior Walls</b>								
Plaster	50%	Now	\$600	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
SGFT/Glazed Masonry	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracking</i>								
<hr/>								
<b>Ceilings</b>								
Exposed Concrete	50%	Now	\$2,200	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Facilities / Equipment Area</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Facilities / Equipment Area</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Facilities / Equipment Area</i>								
<hr/>								
Plaster	50%	Now	\$900	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Toilet Areas</i>								

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

Under 600 Volts

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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND COMFORT STATION**

**Asset # : 598**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,500	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Main Service Switch Rated At 100 Amperes</i>								
Raceway								
Conduit	100%			2026	\$3,800	1		
Panelboards								
Fused Toggle Switch	100%	2-4	\$7,600	2051	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Wiring								
Braided Cloth	100%	2-4	\$8,300	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2021	\$2,000	10	\$800	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2026	\$100	1		
Conversion Equipment								
Furnace	100%	Now	\$200	2021	\$2,000	1	\$400	
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Equipment Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Equipment Room</i>								
<i>Explanation : 1 Unit</i>								
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%			2031	**	1		
Water Heater								
Electric	100%			2024	\$800	4		
Sanitary Piping								
Cast Iron	100%	Now	\$300	LIFE	**	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Equipment Room</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND COMFORT STATION**  
**Asset # : 598**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Plumbing									
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BETSY HEAD MEMORIAL PLAYGROUND FILTER HOUSE BLDG.  
**Address** : 167 LIVONIA AVE.  
**Borough** : BROOKLYN **Agency's Number** : B008-01C  
**Program / Asset #** : PAR0097.01C / 597 **Yr Built/Renovated** : 1940 /  
**Area Sq Ft** : 9,218 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3570 **Lot** : 1 **BIN** : 3081931

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$146,100	
Interior Architecture	\$49,500	
Electrical	\$38,700	\$66,200
Mechanical	\$123,400	\$326,400
<b>Total</b>	<b>\$357,700</b>	<b>\$392,600</b>
Importance Code A	\$146,100	
Importance Code B	\$211,500	\$392,600
<b>Total</b>	<b>\$357,700</b>	<b>\$392,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$14,900			
Interior Architecture				
Electrical	\$18,100	\$22,800		
Mechanical	\$15,300	\$300	\$300	\$300
<b>Total</b>	<b>\$48,200</b>	<b>\$23,100</b>	<b>\$300</b>	<b>\$300</b>
Importance Code A	\$14,900			
Importance Code B	\$33,300	\$23,100	\$300	\$300
<b>Total</b>	<b>\$48,200</b>	<b>\$23,100</b>	<b>\$300</b>	<b>\$300</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND FILTER HOUSE BLDG.**  
**Asset # : 597**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$9,100	
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Foundation</i>								
Masonry: Brick	90%	Now	\$109,600	LIFE	**	5	\$16,300	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Southeast Corner</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : South / West Facades</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
Windows								
Metal Louvers	10%	Now	\$14,900	2041	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
<i>Explanation : Windows Opening Boarded Up</i>								
No Component	90%							
Parapets								
Masonry: Brick	50%			LIFE	**	5		
Metal: Cage/Fence	50%			2031	**	5-10		
Roof								
Cast in Place Concrete	100%	Now	\$36,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corners</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corners</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$30,200	
Interior Walls								
Cast in Place Concrete	90%			LIFE	**			
Masonry: Brick	10%			LIFE	**			
Ceilings								
Exposed Concrete	100%	Now	\$49,500	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</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.

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND FILTER HOUSE BLDG.**

**Asset # : 597**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated At 1200 Amperes - Enclosure Corroded</i>								
<hr/>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	50%			2036	**	5		
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Molded Case Bkrs	50%			2026	\$41,000	5	\$100	
<hr/>								
<b>Raceway</b>								
Conduit	70%			2026	\$4,200	1		
Conduit	30%			2036	**	1		
<hr/>								
<b>Panelboards</b>								
Molded Case Bkrs	80%			2025	\$12,100	5	\$200	
Molded Case Bkrs	20%			2034	**	5		
<hr/>								
<b>Wiring</b>								
Braided Cloth	70%	2-4	\$10,800	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2046	**	1		
<hr/>								
<b>Motor Controllers</b>								
Locally Mounted	70%			2024	\$25,200	5		
Locally Mounted	20%	2-4	\$7,200	2046	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Locally Mounted	10%			2031	**	5		
<hr/>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	20%			2021	\$20,700	10	\$1,700	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	80%			2021		10	\$200	
<hr/>								
<b>Egress Lighting</b>								
Emergency, Service	50%			2026	\$5,000	1		
Exit, Service	50%			2026	\$600	1		
<hr/>								
<b>Exterior Lighting</b>								
HID	100%			2021	\$38,700	10		

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND FILTER HOUSE BLDG.**

**Asset # : 597**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
<b>Distribution</b>								
	Central Plant Steam Piping/Pmp	100%	Now	\$48,800	2036	**	4	\$500
<i>Corroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Terminal Devices</b>								
	Convactor/Radiator	75%	2-4	\$38,600	2046	**	1	\$2,000
<i>On Extended Life, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
	Fan Coil Unit/Heat	25%	2-4	\$36,000	2036	**	1	\$700
<i>On Extended Life, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Various Areas</i>								
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Galvanized Steel	100%	Now	\$12,600	2031	**	1	
<i>Corroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Pump Room</i>								
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Sump Pump(s)</b>								
	Non-Submersible	100%	Now	\$1,500	2036	**	4	\$200
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Pool Filter/Treatment</b>								
	Diatomaceous Earth	100%			2024	\$326,400	4	\$3,400

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BOWNE HOUSE  
**Address** : 37-01 BOWNE STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0240.000 / 14454 **Yr Built/Renovated** : 1661 / 2014  
**Area Sq Ft** : 4,653 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Aug-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 5013 **Lot** : 6 **BIN** : 4113403

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Interior Architecture	\$51,100	
Mechanical		\$118,200
<b>Total</b>	<b>\$51,100</b>	<b>\$118,200</b>
Importance Code B	\$51,100	\$118,200
<b>Total</b>	<b>\$51,100</b>	<b>\$118,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$34,800	\$19,200	\$6,000	\$6,900
Interior Architecture	\$29,100		\$300	\$100
Electrical	\$100	\$22,600	\$100	\$100
Mechanical	\$800	\$1,300	\$700	\$600
<b>Total</b>	<b>\$64,800</b>	<b>\$43,200</b>	<b>\$7,200</b>	<b>\$7,700</b>
Importance Code A	\$35,300	\$19,800	\$6,500	\$7,300
Importance Code B	\$19,400	\$23,400	\$700	\$300
Importance Code C	\$10,100			
<b>Total</b>	<b>\$64,800</b>	<b>\$43,200</b>	<b>\$7,200</b>	<b>\$7,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**BOWNE HOUSE**  
**Asset # : 14454**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	5%			LIFE	**	5	\$600	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Chimney</i>								
Wood	10%			2031	**	5	\$5,500	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Trims, Overhangs</i>								
Wood	25%			2043	**	5	\$13,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wood Shingles</i>								
Wood	60%			2031	**	5	\$33,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wood Shingles</i>								
<b>Windows</b>								
Wood	100%			2042	**	5	\$12,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Wood Shingles	100%	Now	\$34,800	2041	**			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	10%			2025		3	\$1,000	
Vinyl Tile	10%			2026		3	\$300	
Wood	80%	Now	\$51,100	2041	**	5	\$5,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Kitchen</i>								
<b>Interior Walls</b>								
Masonry: Brick	10%			LIFE	**			
Plaster	80%	Now	\$10,100	LIFE	**	5	\$2,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	10%			LIFE	**	5	\$3,300	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**BOWNE HOUSE**  
**Asset # : 14454**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Struc: Wood	20%			LIFE	**			
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic</i>								
Plaster	75%	Now	\$17,100	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout, Kitchen</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Wood	5%	4+	\$1,800	LIFE	**	5	\$3,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2036	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 200 Amperes Main Disconnect Switch</i>								
Raceway								
Conduit	90%			2036	**	1		
Conduit	10%			2056	**	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$100	
Wiring								
Thermoplastic	90%			2036	**	1		
Thermoplastic	10%			2056	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	40%			2021	\$4,500	10	\$1,700	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor And Basement</i>								
Incandescent	60%			2021	\$16,200	2	\$100	
Exterior Lighting								
LED	50%			2036	**			
No Component	50%							

## Alarm

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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**DEPT. OF PARKS & RECREATION - 846**  
**BOWNE HOUSE**  
**Asset # : 14454**

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

**Alarm**

## Security System

No Component

50%

Generic

50%

2026

\$7,800

1

\$900

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Intrusion Alarm System Is Functional And Tied-in To Private Monitoring**Company*

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

**Heating**

## Energy Source

Fuel Oil No 2

100%

2036

\* \*

5

\$1,400

## Conversion Equipment

Steam Boiler

100%

2031

\* \*

1

\$4,600

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

## Distribution

Central Plant Steam

100%

2026

\$82,100

4

\$200

Piping/Pmp

*On Extended Life, Extent : Light, Area Affected : 100%**Location : Throughout*

## Terminal Devices

Convactor/Radiator

100%

2024

\$26,000

1

\$1,500

*On Extended Life, Extent : Light, Area Affected : 100%**Location : Throughout***Air Conditioning**

## Energy Source

Electricity

100%

2034

\* \*

1

## Conversion Equipment

No Component

20%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Various**Explanation : 3 Portable Units*

No Component

80%

## Dehumidifier

No Component

80%

Generic

20%

2030

\* \*

*Other Observation, Extent : Light, Area Affected : 20%**Location : Basement**Explanation : 1 Unit***Plumbing**

## H/C Water Piping

Brass/Copper

100%

2026

\$36,200

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.*

**DEPT. OF PARKS & RECREATION - 846**  
**BOWNE HOUSE**  
**Asset # : 14454**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2020	\$200	4	\$100
	Fixtures							
	Generic	100%						
<i>Abandoned in Place, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 2nd Floor Of Serve Court</i>								

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BRONX PARK MULTI PURPOSE SHOPS - 0007  
**Address** : BX PARK S., E 180 ST., GUNHIL @ BIRCHALL AVE.  
**Borough** : BRONX **Agency's Number** : X002-01A  
**Program / Asset #** : PAR0002.070 / 233 **Yr Built/Renovated** : 1969 / 1995  
**Area Sq Ft** : 42,809 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 4333 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,171,200	\$40,500
Interior Architecture	\$119,000	\$399,000
Electrical		\$198,900
Mechanical	\$42,600	\$245,100
<b>Total</b>	<b>\$1,332,900</b>	<b>\$883,500</b>
Importance Code A	\$1,171,200	\$40,500
Importance Code B	\$161,600	\$843,000
<b>Total</b>	<b>\$1,332,900</b>	<b>\$883,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$20,300	\$11,600	\$100	\$10,600
Interior Architecture		\$1,700	\$5,100	
Electrical	\$8,300	\$6,000	\$7,100	\$5,900
Mechanical	\$42,100	\$19,900	\$8,300	\$7,600
<b>Total</b>	<b>\$70,700</b>	<b>\$39,200</b>	<b>\$20,600</b>	<b>\$24,000</b>
Importance Code A	\$24,500	\$15,800	\$4,200	\$14,700
Importance Code B	\$46,200	\$23,400	\$16,400	\$9,300
Importance Code C				
<b>Total</b>	<b>\$70,700</b>	<b>\$39,200</b>	<b>\$20,600</b>	<b>\$24,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$499,000	LIFE	**	5	\$40,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%	Now	\$75,300	LIFE	**	5	\$2,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Panels At Main Entrance</i>								
Metal Sect. OHD	10%			2043	**	5	\$21,100	
Pre-Cast Concrete	5%			LIFE	**	5	\$11,000	
Wood Overhead Doors	20%	Now	\$130,800	2031	**	5	\$33,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	2%			2042	**	5	\$100	
Steel	98%	Now	\$295,300	2051	**	5	\$34,600	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	20%	Now	\$37,500	LIFE	**	5	\$2,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Shops</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Shops</i>								
Metal Rail	25%			2039	**	5-10	\$47,900	
Pre-Cast Concrete	5%			LIFE	**	5	\$3,300	
No Component	50%							

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.

**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Roof</b>								
Asphalt Shingle	5%	Now	\$2,300	2035	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : South Wing</i>								
Cast in Place Concrete	20%	Now	\$18,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Shops</i>								
Modified Bitumen	10%			2031	**	10	\$6,400	
Modified Bitumen	8%			2031	**	10	\$5,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over Shops</i>								
<i>Explanation : Green Roof</i>								
Skylight, Metal/Glass	2%			2046	**	10	\$4,300	
Slate	15%			LIFE	**			
Slate	40%	Now	\$133,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North And South Wings</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	15%			2025	\$134,000	3	\$15,400	
Cast in Place Concrete	40%			LIFE	**	5	\$60,000	
Ceramic Tile	25%			2029	\$339,000	5	\$17,100	
Vinyl Tile	20%			2021	\$119,000	3	\$5,100	
<b>Interior Walls</b>								
Concrete Masonry Unit	45%			LIFE	**	5	\$20,400	
Glazed Ceramic Panel	15%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$10,200	
Masonry: Brick	5%			LIFE	**			
Plaster	15%			LIFE	**	5	\$5,100	
Plywood/Hardboard	5%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	45%			LIFE	**	5	\$4,800	
Exposed Struc: Wood	25%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$12,900	
Plaster	15%			LIFE	**	5	\$6,400	

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

Under 600 Volts

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

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**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated At 2000 Amperes</i>						
Switchgear / Switchboard								
Fused Disc Sw	80%			2046	**	5	\$100	
Fused Disc Sw	20%			2026	\$6,600	5		
Raceway								
Conduit	80%			2046	**	1		
Conduit	20%			2026	\$6,400	1		
Panelboards								
Fused Disc Sw	10%			2025	\$3,100	5	\$100	
Molded Case Bkrs	80%			2042	**	5	\$900	
Molded Case Bkrs	10%			2025	\$3,100	5	\$100	
Wiring								
Thermoplastic	70%			2046	**	1		
Thermoplastic	30%			2026	\$8,500	1		
Motor Controllers								
Locally Mounted	100%			2024	\$77,100	5	\$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$13,200	
Generators								
Diesel	100%			2035	**	1	\$16,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : Emergency Generator Rated At 250 Kilowatts</i>						
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$1,600	
Fuel Storage								
Main Tank	100%			2054	**	5	\$1,300	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 420 Gallon Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2034	**	10	\$39,300	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						

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

**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

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

**Lighting**

Egress Lighting

Emergency, Service	30%			2031	**	1		
Emergency, Service	20%			2031	**	1		
Exit, Service	30%			2031	**	1		
Exit, Service	20%			2026	\$1,200	1		

Exterior Lighting

HID	50%			2026	\$82,500	10	\$100	
LED	50%			2034	**			

**Alarm**

Security System

No Component	70%							
Generic	30%			2031	**	1	\$4,800	

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

*Location : Outside And Interior Hallways*

*Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital	100%			2031	**	1-3	\$26,400	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : Manual Pull Stations, Smoke Detectors, Strobe Lights And Horns*

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

**Heating**

Energy Source

Interruptible Gas/Dual Fuel	100%			2036	**	1		
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Buried*

*Explanation : Oil # 2 One Tank Of 10,000 Gallons*

Conversion Equipment

Furnace	3%			2026	\$2,900	1	\$600	
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*Other Observation, Extent : Light, Area Affected : 3%*

*Location : Mechanic Shops*

*Explanation : Additional Gas Fired Coil Units*

Steam Boiler	97%			2031	**	1	\$41,100	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement*

*Explanation : 2 Units*

Distribution

Central Plant Steam Piping/Pmp	100%	Now	\$34,600	2036	**	4	\$2,100	
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*Steam Traps Faulty, Extent : Light, Area Affected : 10%*

*Location : Throughout*

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**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Terminal Devices								
	Convactor/Radiator	60%		2031	**	1	\$8,300	
	Fan Coil Unit/Heat	40%		2026	\$245,100	1	\$5,500	
<b>Air Conditioning</b>								
Energy Source								
	Electricity	50%		2034	**	1		
	No Component	50%						
Conversion Equipment								
	Window/Wall Unit	50%		2021	\$42,600	1		
	No Component	50%						
<b>Ventilation</b>								
Exhaust Fans								
	Interior	100%		2031	**	2	\$1,300	
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%		2031	**	1		
Water Heater								
	Gas Fired	100%		2024	\$25,000	2	\$600	
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
Storm Drain Piping								
	Cast Iron	100%		LIFE	**	1		
Sump Pump(s)								
	Non-Submersible	100%		2021	\$6,200	4	\$1,400	
Backflow Preventer								
	No Component	50%						
	Generic	50%		2026	\$5,200	1	\$1,300	
Fixtures								
	Generic	100%						
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Fire Suppression</b>								
Standpipe								
	Generic	100%		2046	**	1-5	\$21,600	
Sprinkler								
	No Component	95%						
	Generic	5%		2036	**	1-2	\$600	
Fire Pump								
	Generic	100%		2029	\$26,300	1	\$8,000	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BRONX PARK WIGWAM BLDG - 0008  
**Address** : BX PARK S., E 180 ST., GUNHIL @ BIRCHALL AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0002.080 / 234 **Yr Built/Renovated** : 1964 / 1999  
**Area Sq Ft** : 15,616 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 4333 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$131,300	
Interior Architecture		\$49,500
Mechanical		\$173,400
<b>Total</b>	<b>\$131,300</b>	<b>\$222,900</b>
Importance Code A	\$131,300	
Importance Code B		\$222,900
<b>Total</b>	<b>\$131,300</b>	<b>\$222,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$14,500		\$1,900	
Interior Architecture	\$500			\$500
Electrical	\$1,200	\$15,500	\$1,700	\$1,200
Mechanical	\$1,700	\$4,100	\$2,500	\$1,100
<b>Total</b>	<b>\$17,900</b>	<b>\$19,600</b>	<b>\$6,000</b>	<b>\$2,800</b>
Importance Code A	\$14,500		\$1,900	
Importance Code B	\$3,400	\$19,600	\$4,200	\$2,800
Importance Code C				
<b>Total</b>	<b>\$17,900</b>	<b>\$19,600</b>	<b>\$6,000</b>	<b>\$2,800</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK WIGWAM BLDG - 0008**  
**Asset # : 234**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$131,300	LIFE	**	5	\$21,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West And East Facades</i>								
Metal Sect. OHD	5%			2039	**	5	\$4,400	
Wood Overhead Doors	15%			2039	**	5	\$21,300	
Wood Overhead Doors	5%	Now	\$9,200	2031	**	5	\$3,600	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Windows								
Aluminum	100%			2042	**	5	\$3,700	
Roof								
Cast in Place Concrete	15%	Now	\$5,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Ramp Over Storage Space</i>								
Skylight, Metal/Glass	10%			2046	**	10	\$8,400	
Slate	75%			LIFE	**			
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$49,500	
Vinyl Tile	15%			2026		3	\$2,000	
Interior Walls								
Concrete Masonry Unit	45%			LIFE	**	5	\$7,400	
Gypsum Board	10%			LIFE	**	5	\$2,500	
Masonry: Brick	45%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	15%			2039	**	5	\$4,000	
Exposed Concrete	25%			LIFE	**	5	\$1,000	
Exposed Struc: Wood	60%			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								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5	\$100	
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	50%			2042	**	5	\$200	
Molded Case Bkrs	50%			2042	**	5	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK WIGWAM BLDG - 0008**  
**Asset # : 234**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Wiring								
	Thermoplastic	100%			2046	**	1	
Motor Controllers								
	Locally Mounted	100%			2039	**	5	\$100
Lighting								
Interior Lighting								
	Fluorescent	100%			2031	**	10	\$14,300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
	Emergency, Service	50%			2031	**	1	
	Exit, Service	50%			2031	**	1	
Exterior Lighting								
	LED	100%			2034	**		
Lightning Protection								
Arresters/Cabling								
	Generic	100%			2029	\$34,100	5	\$500
Alarm								
Security System								
	No Component	50%						
	Generic	50%			2031	**	1	\$2,900
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
	Generic, Digital	100%			2031	**	1-3	\$9,600
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Manual Pull Stations, Strobe Lights, Smoke Detectors</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Heating								
Distribution								
	Central Plant Steam Piping/Pmp	100%			2036	**	4	\$1,200
Terminal Devices								
	Air Handler	40%			2026	\$84,000	1	\$3,900
	Convactor/Radiator	20%			2031	**	1	\$1,000
	Fan Coil Unit/Heat	40%			2026	\$89,400	1	\$2,000
Air Conditioning								
Energy Source								
	Electricity	100%			2042	**	1	

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**DEPT. OF PARKS & RECREATION - 846**  
**BRONX PARK WIGWAM BLDG - 0008**  
**Asset # : 234**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Conversion Equipment								
	Window/Wall Unit	10%			2021	\$3,100	1	
	No Component	90%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,700
Exhaust Fans								
	Interior	20%			2026	\$10,600	2	\$100
	No Component	80%						
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%			2039	* *	1	
Water Heater								
	Electric	100%			2024	\$13,200	4	\$100
Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1	
Sump Pump(s)								
	Non-Submersible	100%			2031	* *	4	\$300
Fixtures								
	Generic	100%						
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 1st And 2nd Floor</i>								
<b>Fire Suppression</b>								
Sprinkler								
	Generic	100%			2046	* *	1-2	\$4,400

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**

**Asset # : 1171**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Exterior								
Exterior Walls								
	Masonry: Granite	5%	Now	\$11,800	LIFE	**	5	\$700
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
	Masonry: Limestone	90%	Now	\$394,000	LIFE	**	5	\$13,300
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>						
		<i>Location : North Facade</i>						
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : North Facade, South Facade</i>						
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>						
		<i>Location : South Facade</i>						
	Masonry: Limestone	5%	Now	\$12,100	LIFE	**	5	\$700
		<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Statues, South Facade</i>						
Windows								
	Steel	100%	Now	\$40,700	2054	**	5	\$4,800
		<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Weather Strip Missing, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Parapets								
	Masonry: Limestone	100%	Now	\$4,900	LIFE	**	5	\$1,200
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Roof								
	Modified Bitumen	100%	2-4	\$44,000	2034	**		
		<i>Blisters, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						

Interior

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

Estimates are rounded to the nearest hundred dollars.

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**DEPT. OF PARKS & RECREATION - 846**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**

**Asset # : 1171**

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	15%			LIFE	**	5	\$13,700	
Ceramic Tile	5%	2-4	\$1,000	2038	**	5	\$500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Terrazzo	5%			LIFE	**	5	\$1,600	
Vinyl Tile	20%	Now	\$10,800	2024	\$36,100	3	\$1,600	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 66%</i>								
<i>Location : First Floor Only</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Vinyl Tile 9" X 9"	50%	Now	\$23,400	2029	\$117,100	3	\$3,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	5%			2044	**	5	\$2,000	
Interior Walls								
Ceramic Tile	5%	2-4	\$1,300	2038	**	5	\$500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$1,500	
Masonry: Brick	5%			LIFE	**	10	\$300	
Plaster	10%	Now	\$1,500	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Around Windows</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Around Windows, Throughout</i>								
Plaster	60%			LIFE	**	5-10	\$9,400	
Wood	10%			LIFE	**	5	\$14,700	
Ceilings								
AcousTile,Adhered	25%	Now	\$49,400	2049	**	5	\$2,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Plaster	75%	0-2	\$10,500	LIFE	**	5	\$9,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

Site Enclosure

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**DEPT. OF PARKS & RECREATION - 846**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**

**Asset # : 1171**

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

Site Enclosure

Retaining Walls

Masonry: Fieldstone

100% Now \$12,500 2039 \* \*

*Broken/Missing Elements, Extent : Moderate, Area Affected : 25%*

*Location : Exterior Stairs*

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%*

*Location : Exterior Stairs*

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

*Location : Stairs*

*Explanation : Granite Panels At Rear Stairs*

Site Pavements

Public Sidewalk

Cast in Place Concrete

100% 2042 \* \*

On-Site Walkways

Masonry: Granite

50% Now \$30,400 LIFE \* \*

*Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%*

*Location : Stairs*

Pavers/Stone

50% 2038 \* \*

Parking/Driveway

Asphalt

100% Now \$6,100 2032 \* \*

*Cracking/Crumbling, Extent : Light, Area Affected : 20%*

*Location : Throughout*

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2029 \$4,900 5 \$100

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

*Location : Electrical / Mechanical Room*

*Explanation : One 200 Ampere Main Disconnect Switch*

Switchgear / Switchboard

Molded Case Bkrs

100% 2029 \$82,800 5 \$400

Raceway

Conduit

95% 2029 \$21,500 1

Conduit

5% 2049 \* \* 1

Panelboards

Molded Case Bkrs

25% 2045 \* \* 5 \$100

Molded Case Bkrs

75% 2028 \$22,900 5 \$300

Wiring

Braided Cloth

60% 2-4 \$14,900 2054 \* \* 1

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

*Location : Throughout*

Thermoplastic

10% 2049 \* \* 1

Thermoplastic

30% 2029 \$7,400 1

Lighting

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**DEPT. OF PARKS & RECREATION - 846**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**

**Asset # : 1171**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2024	\$28,200	10	\$11,500	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	10%			2024	\$15,800	2		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Auditorium</i>								
<i>Explanation : Decorative Chandeliers</i>								
Egress Lighting								
Emergency, Battery	70%			2034	**	10	\$2,400	
Exit, Battery	30%			2034	**	10	\$300	
Exterior Lighting								
HID	30%			2034	**	10		
No Component	70%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Fuel Oil No 2	100%			2039	**	5	\$4,300	
Conversion Equipment Steam Boiler	100%			2034	**	1	\$13,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : One Unit - Steam To Water Heat Exchanger To Feed Radiators</i>								
Distribution Steam Piping/Pump	100%			2039	**			
Terminal Devices Convactor/Radiator	100%			2034	**	1	\$4,500	
<b>Air Conditioning</b>								
Conversion Equipment Window/Wall Unit	10%			2028	\$2,800	1		
No Component	90%							
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,300	
Exhaust Fans Interior	50%			2029	\$23,700	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic</i>								
<i>Explanation : Located In Attic Space</i>								
Roof	50%			2029	\$11,000	2	\$200	
<b>Plumbing</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**

**Asset # : 1171**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping Brass/Copper	100%			2039	**	1	
	HW Heat Exchanger Steam Fired	100%			2039	**	4	\$1,400
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Backflow Preventer No Component Generic	90% 10%			2029	\$300	1	\$100
	<b>Fixtures</b> Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER  
**Address** : 1555 LINDEN AVENUE  
**Borough** : BROOKLYN **Agency's Number** : B270-01  
**Program / Asset #** : PAR0116.001 / 962 **Yr Built/Renovated** : 1953 /  
**Area Sq Ft** : 59,617 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 3868 **Lot** : 2 **BIN** : 3085992

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$1,839,200	\$252,700
Interior Architecture	\$786,800	\$792,500
Electrical	\$470,900	\$405,400
Mechanical	\$71,300	\$466,700
<b>Total</b>	<b>\$3,168,300</b>	<b>\$1,917,300</b>
Importance Code A	\$1,839,200	\$252,700
Importance Code B	\$1,329,100	\$1,664,600
<b>Total</b>	<b>\$3,168,300</b>	<b>\$1,917,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$40,600		\$11,900	
Interior Architecture	\$42,700			\$5,600
Electrical	\$1,300	\$1,600	\$82,500	\$1,400
Mechanical	\$36,000	\$8,300	\$19,700	\$8,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$128,600</b>	<b>\$17,700</b>	<b>\$121,900</b>	<b>\$23,000</b>
Importance Code A	\$43,600	\$2,900	\$14,900	\$2,900
Importance Code B	\$79,400	\$14,800	\$107,000	\$20,100
Importance Code C	\$5,700			
<b>Total</b>	<b>\$128,600</b>	<b>\$17,700</b>	<b>\$121,900</b>	<b>\$23,000</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	\$590,100	LIFE	**	5	\$63,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations At Wall Penetrations</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Window Heads Facing Alley Way</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Weight Room, Gymnasium, Dance Room</i>								
Masonry: Marble	2%			LIFE	**	5	\$1,200	
Metal: Cage/Fence	5%	0-2	\$8,900	2032	**	5	\$8,400	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Mechanical Enclosures On Rooftop</i>								
Pre-Cast Concrete	5%	0-2	\$26,000	LIFE	**	5	\$12,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Details At Windows</i>								
Window Wall	5%			2037	**	5	\$14,400	
Windows								
Aluminum	100%	Now	\$67,000	2035	**	5	\$2,600	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	80%	Now	\$111,900	LIFE	**	5	\$9,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal: Cage/Fence	5%	Now	\$3,600	2032	**	5	\$1,900	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Lot Line Adjacent To Other Buildings</i>								
Pre-Cast Concrete	5%	0-2	\$2,200	LIFE	**	5	\$3,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coping Stones</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
No Component	10%							

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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	5%			2022	\$64,300	10	\$4,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Entrance</i>								
<i>Explanation : Canopy Structure</i>								
IRMA/Protected Membrane	25%	Now	\$75,500	2027	\$188,900			
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At Various Locations</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	68%	Now	\$874,400	2037		**		
<i>Alligatoring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
<i>Blisters, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 15%</i>								
<i>Location : West Lot Line</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Above Dance Floor Area, Gymnasium And Pool Room</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Various Locations</i>								
Skylight, Metal/Glass	2%	0-2	\$56,000	2037		**		
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor Stair Landing</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE		**	5	\$19,500
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations In Basement</i>								
Ceramic Tile	15%			2030		**	5	\$13,400
Sheet Vinyl/Rubber	15%	0-2	\$40,500	2027	\$405,300		5	\$10,000
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Terrazzo	10%			LIFE		**	5	\$7,000
Vinyl Tile	50%	0-2	\$77,400	2027	\$387,100		3	\$16,700
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement And Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	10%			2030	**	5	\$200	
Concrete Masonry Unit	60%	Now	\$4,300	LIFE	**	5	\$400	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations In Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor Rooms, Hallway In Front Of Weight Room</i>								
Gypsum Board	20%	0-2	\$100	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Below Pool</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Below Pool</i>								
Operable Wall	5%	0-2	\$200	2047	**	5	\$100	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2nd Floor Dance Room</i>								
SGFT/Glazed Masonry	5%	Now	\$900	LIFE	**			
<i>Horizontal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Second Floor Stairwell To Roof</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Second Floor Stairwell</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	55%	Now	\$405,200	2047	**	5	\$24,500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Gymnasium, Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor Offices And Dance Room, Throughout</i>								
Exposed Concrete	30%	Now	\$263,700	LIFE	**	5	\$4,200	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement Below Pool Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Various Locations In Basement Below Pool Room</i>								
Gypsum Board	10%	Now	\$18,400	LIFE	**	5	\$11,200	
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Stairwell Bulkhead</i>								
Plaster	5%	Now	\$12,000	LIFE	**	5	\$2,800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Underside Of Entrance Canopy</i>								

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

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

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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

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	30%			2027	\$6,400	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Golden Age Building</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch</i>								
Fused Disc Sw	70%			2037	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1600 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	70%			2027	\$104,700	5	\$200	
Fused Disc Sw	30%			2037	**	5	\$100	
Raceway								
Conduit	70%			2027	\$88,500	1		
Conduit	20%			2037	**	1		
Conduit	10%			2047	**	1		
Panelboards								
Molded Case Bkrs	10%			2043	**	5	\$200	
Molded Case Bkrs	60%			2026	\$64,100	5	\$900	
Molded Case Bkrs	30%			2035	**	5	\$500	
Wiring								
Braided Cloth	30%	2-4	\$53,200	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	60%			2027	\$106,500	1		
Thermoplastic	10%			2047	**	1		
Motor Controllers								
Locally Mounted	90%			2025	\$41,600	5	\$400	
Locally Mounted	10%			2040	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
Lighting								
Interior Lighting								
Fluorescent	80%			2022	\$107,400	10	\$43,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	15%			2022	\$14,600	10	\$300	
Incandescent	5%			2022	\$33,800	2	\$100	
Egress Lighting								
Exit, Service	50%			2022	\$8,200	1		
Exit, Service	10%			2035	**	1		
Exit, Battery	40%			2022	\$22,400	10	\$1,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Exterior Lighting HID	100%			2022	\$229,800	10	\$200	
<b>Alarm</b>								
Security System No Component Generic	80%	20%	Now	\$36,800	2037	**	1	\$4,000
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fire/Smoke Detection No Component Generic, Analog	80%	20%		2032	**	1-3	\$7,600	
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Natural Gas Interruptible Gas/Dual Fuel	40%	60%		2047	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Under Ground Vault Near Main Building And Basement Vault Of Addition</i>								
<i>Explanation : One 3,000 Gallon Tank And One 6,000 Gallon Tank</i>								
Conversion Equipment Furnace	40%			2032	**	1	\$11,800	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Packaged Roof Top Air Conditioning Units With Gas Fired Furnace 1 Gas Fired Unit Heating Only.</i>								
Hot Water Boiler	60%			2040	**	1	\$17,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 3 Dual Fuel Hot Water Boilers</i>								
Distribution Hot Wtr Piping/Pump	100%			2043	**	4	\$2,900	
Terminal Devices Convactor/Radiator	100%			2032	**	1	\$19,300	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2035	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	20%	Now	\$21,300	2025	\$426,200	2	\$600	
<i>Not in Service, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement Of Golden Age Building</i>								
Ext Pkg Unit - Heating/Cooling	10%	0-2	\$71,300	2037	**	2	\$300	
<i>Leak Evident, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Roof, Defective Condensate Pans Or Clogged Condensate Drain Lines</i>								
<i>Malfunctioning, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Main Building Roof, 1 of 3 Defective Compressors</i>								
Ext Pkg Unit - Heating/Cooling Window/Wall Unit	50%			2032	**	2	\$1,800	
	20%			2025	\$23,800	1		
Dehumidifier								
No Component	80%							
Generic	20%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof Over Swimming Pool</i>								
<i>Explanation : Unit Serves Swimming Pool Area</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$33,200	
Exhaust Fans								
Interior	20%			2027	\$40,500	2	\$400	
Roof	80%			2032	**	2	\$1,500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Gas Fired	25%			2022	\$8,700	2	\$200	
No Component	75%							
HW Heat Exchanger								
Steam Fired	75%			2037	**	4	\$6,600	
No Component	25%							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2027	\$8,700	4	\$1,300	
Pool Filter/Treatment								
Sand	100%			2032	**	4	\$22,100	
Sewage Ejector(s)								
Electric	100%			2032	**	4	\$3,600	
Fixtures								
Generic	100%							

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**DEPT. OF PARKS & RECREATION - 846**  
**BROWNSVILLE REC CNTR AND PLYGRND BROWNSVILLE RECREATION CENTER**  
**Asset # : 962**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport	Elevators							
	Hydraulic	100%			LIFE		**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : (1) Basement To Roof, (1) Basement To 1st Floor</i>								
<i>Explanation : 2 Units</i>								
Fire Suppression	Sprinkler							
	No Component	50%						
	Generic	50%			2037		**	1-2 \$8,400

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BUSHWICK INLET PARK DISTRICT HEADQUARTERS  
**Address** : 86 KENT AVE BETWEEN N.9 ST AND N.10 ST  
**Borough** : BROOKLYN **Agency's Number** : B529  
**Program / Asset #** : PAR0256.000 / 14772 **Yr Built/Renovated** : 2013 /  
**Area Sq Ft** : 14,748 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Aug-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,p  
**Block** : 2301 **Lot** : 1 **BIN** : 3061641

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$59,900
<b>Total</b>		<b>\$59,900</b>
Importance Code A		\$59,900
<b>Total</b>		<b>\$59,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$20,900		\$14,800	
Interior Architecture			\$12,400	
Electrical	\$1,700	\$1,400	\$1,400	\$1,700
Mechanical	\$1,700	\$3,500	\$2,800	\$4,600
<b>Total</b>	<b>\$24,300</b>	<b>\$4,900</b>	<b>\$31,400</b>	<b>\$6,400</b>
Importance Code A	\$20,900	\$900	\$14,800	\$900
Importance Code B	\$3,300	\$4,000	\$12,900	\$5,400
Importance Code C			\$3,700	
<b>Total</b>	<b>\$24,300</b>	<b>\$4,900</b>	<b>\$31,400</b>	<b>\$6,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**

**Asset # : 14772**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	**	5	\$34,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Throughout</i>						
Cast in Place Concrete	15%			LIFE	**	5	\$25,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Back Of Building</i>						
		<i>Explanation : Retainng Wall Back Of Building, Throughout</i>						
Cement-Fiber Panel	15%			2037	**	10	\$16,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front</i>						
		<i>Explanation : Front</i>						
Glass Block	1%			LIFE	**	5	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Back Of Building</i>						
		<i>Explanation : 20 X4</i>						
Masonry: Brick	30%			LIFE	**	5	\$10,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front</i>						
		<i>Explanation : Front</i>						
Metal/Glass Curt Wall	4%			LIFE	**	5	\$2,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front And Both Sides Of Building</i>						
		<i>Explanation : Front And Both Sides Of Building</i>						
Metal Sect. OHD	5%			2047	**	5	\$5,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : North</i>						
		<i>Explanation : North</i>						
Wood	10%			2047	**	5	\$17,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front And Roof</i>						
		<i>Explanation : Front And Roof</i>						
Windows								
Aluminum	95%			2052	**	5	\$4,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front And Both Sides</i>						
		<i>Explanation : Front And Both Sides</i>						
Metal Louvers	5%			2042	**	10	\$1,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front</i>						
		<i>Explanation : Front</i>						

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**DEPT. OF PARKS & RECREATION - 846**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**

**Asset # : 14772**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Roof</b>								
Cast in Place Concrete	30%	4+	\$20,900	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Not Accessible	70%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Green Roof</i>								
<i>Explanation : Green Roof</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	35%			LIFE	**	5	\$16,900	
Cork Tile	60%			2057	**	5	\$11,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rooms</i>								
<i>Explanation : Rooms</i>								
Traffic Topping	5%			2037	**	5	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bath Rooms</i>								
<i>Explanation : Bath Rooms</i>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2042	**	5	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bathrooms</i>								
<i>Explanation : Bathrooms</i>								
Folding Partition	5%			2052	**	5	\$5,300	
Gypsum Board	90%			LIFE	**	5	\$23,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%			2047	**	5	\$4,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rooms</i>								
<i>Explanation : Rooms</i>								
Fiber Board	75%			2037	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Throughout</i>								
Gypsum Board	5%			LIFE	**	5	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bathroom</i>								
<i>Explanation : Bathrooms</i>								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**

**Asset # : 14772**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%			2053	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 800 Amperes.</i>								
Photovoltaic Panel(s)	50%			2040	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Fused Disconnect Switch For The Photovoltaic Panels Rated At 400 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2053	**	5	\$100	
<b>Raceway</b>								
Conduit	100%			2053	**	1		
<b>Panelboards</b>								
Fused Disc Sw	15%			2049	**	5	\$100	
Molded Case Bkrs	85%			2049	**	5	\$300	
<b>Wiring</b>								
Thermoplastic	100%			2053	**	1		
<b>Motor Controllers</b>								
Locally Mounted	10%			2044	**	5		
Variable Frequency Drive	90%			2044	**			
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 2nd Floor Mechanical Room</i>								
<i>Explanation : Point Of Contact Not Visible, It Is Assume That It Is Grounded To The Steel Structures.</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	75%			2035	**	10	\$10,100	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2035	**	10	\$1,400	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices, Classroom</i>								
Incandescent	15%			2035	**	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways, Classrooms</i>								
<i>Explanation : Halogen Bulbs</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2035	**	10	\$1,800	
Exit, LED	50%			2062	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**

**Asset # : 14772**

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

## Lighting

Exterior Lighting  
Incandescent

100%

2035

\* \*

2

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

*Location : Rear Of The Building*

*Explanation : Halogen Bulbs*

## Alarm

Security System  
Generic

100%

2035

\* \*

1

\$5,500

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

*Location : Hallways And Outside*

*Explanation : CCTV Surveillance Camera System*

Fire/Smoke Detection

Generic, Digital

100%

2035

\* \*

1-3

\$9,400

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

*Location : Throughout The Building*

*Explanation : Addressable Fire Alarm System, Strobe Lights, Manual Pull Station, Alarm*

*Bells, Smoke Detectors And Horns*

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

## Heating

Energy Source  
Electricity

100%

2053

\* \*

1

Conversion Equipment

Heat Pump Air Sourced

100%

2031

\* \*

2

\$4,600

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

*Location : 1st Floor Mechanical Equipment Room*

*Explanation : 6 Units*

Distribution

Hot Wtr Piping/Pump

100%

2049

\* \*

4

\$1,100

Terminal Devices

Air Handler

70%

2035

\* \*

1

\$6,400

Convactor/Radiator

20%

2044

\* \*

1

\$1,000

Unit Heater - Steam

10%

2032

\* \*

4

\$200

## Air Conditioning

Energy Source  
Electricity

100%

2049

\* \*

1

Conversion Equipment

Heat Pump Air Sourced

100%

2031

\* \*

2

\$900

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

*Location : 1st Floor Mechanical Equipment Room*

*Explanation : 6 Units. R-410a*

Distribution

CW & CHW Wtr  
Pipe/Pump

100%

2053

\* \*

4

\$1,100

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**  
**Asset # : 14772**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
<b>Terminal Devices</b>								
Air Handler/Cool/Ht	75%			2035	**	1	\$6,800	
Fan Coil - 4 Pipe	25%			2035	**	1	\$1,200	
<b>Heat Rejection</b>								
Geothermal	100%			2062	**	1		
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,200	
<b>Exhaust Fans</b>								
Interior	100%			2035	**	2	\$500	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	100%			2053	**	1		
<b>Water Heater</b>								
Electric	100%			2026	\$12,400	4	\$100	
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Pool Filter/Treatment</b>								
Activated Carbon	100%			2031	**	4	\$3,700	
<b>Backflow Preventer</b>								
Generic	100%			2035	**	1	\$900	
<b>Fixtures</b>								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CARL SCHURZ PARK COMFORT AND STORAGE  
**Address** : E.84TH AND EAST END AVE  
**Borough** : MANHATTAN **Agency's Number** : M081-02A  
**Program / Asset #** : PAR0050.02A / 892 **Yr Built/Renovated** : 1934 / 2010  
**Area Sq Ft** : 2,340 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1592 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$32,300	\$4,400		\$14,200
Interior Architecture	\$22,100	\$700		
Electrical	\$10,500	\$6,500		
Mechanical	\$2,000	\$100	\$300	\$100
<b>Total</b>	<b>\$66,900</b>	<b>\$11,600</b>	<b>\$300</b>	<b>\$14,300</b>
Importance Code A	\$32,300	\$4,400		\$14,200
Importance Code B	\$28,800	\$7,300	\$300	\$100
Importance Code C	\$5,800			
<b>Total</b>	<b>\$66,900</b>	<b>\$11,600</b>	<b>\$300</b>	<b>\$14,300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 892**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$1,700	
Masonry: Brick	60%			LIFE	**	5	\$4,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal: Cage/Fence	30%			2031	**	5	\$8,700	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Between Male and Female Wings</i>								
<i>Explanation : Center Space Enclosure</i>								
Wood	5%	Now	\$3,600	2031	**	5	\$800	
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Open Seams At All Wall Penetrations</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Door Casings</i>								
Windows								
Steel	100%	Now	\$28,700	2051	**	5	\$3,400	
<i>Air Infiltration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%			2043	**	10	\$14,200	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$900	
Panel/Paver: Bluestone	30%	Now	\$8,400	LIFE	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Center Space Between Male And Female Wings</i>								
<i>Explanation : Broken/missing Elements, Worn/eroded Material</i>								
Quarry Tile	45%			2031	**	5	\$1,300	
Steel Plate	5%			LIFE	**	1		
Interior Walls								
Plaster	30%	Now	\$5,800	LIFE	**	5	\$700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stair To Basement and basement walls</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Stair To Basement, Men / Women Bathrooms</i>								
SGFT/Glazed Masonry	70%			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.



**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 892**

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

## Interior

## Ceilings

## Plaster

100%	Now	\$7,900	LIFE	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>							
<i>Location : Basement</i>							
<i>Cracking/Crumbling, Extent : Light, Area Affected : 30%</i>							
<i>Location : Storage Room, Underside Of Breezway, Restrooms, Basement</i>							
<i>Paint Peeling, Extent : Moderate, Area Affected : 35%</i>							
<i>Location : Storage Room, Underside Of Breezway</i>							
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 35%</i>							
<i>Location : Throughout</i>							

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

## Under 600 Volts

## Service Equipment

## Fused Disc Sw

100%			2026	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Basement</i>							
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>							

## Raceway

## Conduit

100%			2026	\$3,800	1	
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## Panelboards

## Molded Case Bkrs

100%			2025	\$7,600	5	\$100
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## Wiring

## Thermoplastic

100%			2026	\$8,300	1	
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## Motor Controllers

## Locally Mounted

100%			2024	\$7,300	5	
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## Ground

## Grounding Devices

## Generic

100%	2-4	\$9,700	LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Water Main Basement</i>							
<i>Explanation : Corroded</i>							

## Lighting

## Interior Lighting

## Fluorescent

80%			2021	\$4,200	10	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Throughout The Building</i>							
<i>Explanation : T-8 Lamps</i>							

## Fluorescent

15%	0-2	\$800	2036	**			
<i>Damaged Fixtures, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Storage Area</i>							

## Incandescent

5%			2021	\$600	2	
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 892**

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								
Not Accessible	100%							
Distribution								
Central Plant Steam Piping/Pmp	100%			2036	**	4	\$200	
Terminal Devices								
Convactor/Radiator	100%			2024	\$12,000	1	\$800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,300	
Exhaust Fans								
Interior	100%			2026	\$8,000	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$1,700	2036	**	1		
			<i>Corroded, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Water Main, Basement</i>					
Water Heater								
Electric	100%	Now	\$200	2025	\$2,000	4		
			<i>Not in Service, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : 1st Floor Office</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CARL SCHURZ PARK COMFORT AND STORAGE  
**Address** : E 87TH AND EAST END AVE.  
**Borough** : MANHATTAN **Agency's Number** : M081-04  
**Program / Asset #** : PAR0050.004 / 2566 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 580 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1592 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$14,400			
Interior Architecture	\$4,800	\$400		
Electrical				
Mechanical	\$100	\$600	\$100	
<b>Total</b>	<b>\$19,200</b>	<b>\$1,100</b>	<b>\$100</b>	
Importance Code A	\$14,400			
Importance Code B	\$3,700	\$1,100		
Importance Code C	\$1,100			
<b>Total</b>	<b>\$19,200</b>	<b>\$1,100</b>	<b>\$100</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 2566**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	93%			LIFE	**	5	\$2,800	
<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Horizontal Bands</i>								
<i>Explanation : Painted Surfaces</i>								
Wood	2%	Now	\$3,200	2046	**	5	\$200	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Door Casings</i>								
<b>Windows</b>								
Wood	100%	Now	\$4,500	2051	**	5	\$800	
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Slate	100%	4+	\$6,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	35%			LIFE	**	5	\$700	
Quarry Tile	65%			2031	**	5	\$900	
<b>Interior Walls</b>								
Plaster	35%	Now	\$1,100	LIFE	**	5	\$200	
<i>Paint Peeling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	65%			LIFE	**			
<b>Ceilings</b>								
Plaster	100%	Now	\$3,700	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Storage Room</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Room</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Storage Room, Bathrooms</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 2566**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2026	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : One 100 Amperes Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2026	\$3,800	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$7,600	5		
Wiring								
Thermoplastic	100%			2026	\$8,300	1		
Motor Controllers								
Locally Mounted	100%			2024	\$7,300	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5		
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2026	\$1,300	10	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : T-8 Lamps</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2036	**	1		
Conversion Equipment								
Furnace	100%			2026	\$1,300	1	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Office</i>								
<i>Explanation : 1 Unit</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	\$100	1		
No Component	90%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$300	
Exhaust Fans								
Interior	100%			2026	\$2,000	2		

**Plumbing**

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK COMFORT AND STORAGE**

**Asset # : 2566**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
	H/C Water Piping Brass/Copper	100%		2026	\$4,100	1		
	Water Heater Electric	100%		2021	\$500	4		
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Sump Pump(s) Submersible	100%		2020		4		
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE  
**Address** : EAST END AVE TO EAST RIVER  
**Borough** : MANHATTAN **Agency's Number** : M081-01  
**Program / Asset #** : PAR0050.001 / 891 **Yr Built/Renovated** : 1798 / 2015  
**Area Sq Ft** : 21,499 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Jul-2015 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 1592 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,007,700	\$63,600
Interior Architecture	\$56,900	\$1,030,100
Electrical		\$512,400
Mechanical		\$85,000
<b>Total</b>	<b>\$1,064,600</b>	<b>\$1,691,200</b>
Importance Code A	\$1,007,700	\$63,600
Importance Code B	\$56,900	\$597,500
Importance Code C		\$1,030,100
<b>Total</b>	<b>\$1,064,600</b>	<b>\$1,691,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$17,500			\$2,800
Interior Architecture	\$9,600	\$4,400	\$91,200	\$2,800
Electrical	\$14,200	\$11,800	\$2,400	\$2,700
Mechanical	\$8,500	\$10,700	\$8,200	\$8,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$57,700</b>	<b>\$34,700</b>	<b>\$109,700</b>	<b>\$25,000</b>
Importance Code A	\$18,600	\$1,100	\$1,100	\$3,800
Importance Code B	\$38,600	\$33,600	\$108,700	\$21,200
Importance Code C	\$500			
<b>Total</b>	<b>\$57,700</b>	<b>\$34,700</b>	<b>\$109,700</b>	<b>\$25,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**

**Asset # : 891**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	10%			LIFE	**	5	\$3,300	
Masonry: Brick	8%	Now	\$88,800	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Chimneys</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Chimneys</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Sidewalk Shed in Use, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Facades</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chimneys</i>								
Masonry: Brownstone	2%			LIFE	**	5	\$500	
Pre-Cast Concrete	3%			LIFE	**	5	\$3,200	
Wood	77%			2031	**	5	\$127,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Facades Painted</i>								
<b>Windows</b>								
Special Gauge/Ballistic Steel	5%			LIFE	**	1		
Steel	5%	Now	\$17,500	2051	**	5	\$1,900	
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Wood	90%	Now	\$169,200	2051	**	5	\$27,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**

**Asset # : 891**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Metal Rail	10%			2043	**	5-10	\$4,600	
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : At Plaza Roof Over Boiler Room</i>							
Wood Rail	90%	Now	\$45,600	2031	**	5	\$16,100	
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Roof								
Modified Bitumen	86%	Now	\$553,000	2036	**			
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : At Pitch Pockets</i>							
	<i>Ponding, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Flat Roof</i>							
	<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Over Mechanical Room And Second Floor</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Over Mechanical Room</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Main Roof, Wagner Addition, Hyphen Connector</i>							
	<i>Explanation : Scaffolding Present - No Access - Repairs In Progress</i>							
Plaza Roof: Stone Panels	12%			2046	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Over Basement Boiler Room</i>							
	<i>Explanation : Flagstone Terrace</i>							
Skylight, Plastic	2%	Now	\$87,500	2046	**	1		
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Over Second Floor</i>							
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Over Second Floor</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Repairs In Progress</i>							

Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Carpet	13%	0-2	\$6,900	2022	\$68,700	3	\$6,000	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Library</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Library</i>								
Carpet	5%	0-2	\$2,200	2022	\$22,000	3	\$2,300	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Entry Way At Kitchen</i>								
Mosaic Tile	3%			2031	**	5	\$2,300	
Marble Panels	3%			LIFE	**	5	\$700	
Quarry Tile	10%			2031	**	5	\$4,700	
Vinyl Tile	13%			2031	**	3	\$1,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	50%	4+	\$56,900	2054	**	5	\$14,500	
<i>Deflection Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Wagner Addition</i>								
Wood	3%			2041	**	5	\$1,700	
<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Main Floor, Rear Foyer</i>								
<i>Explanation : Faux Marble Painted Wood</i>								
<b>Interior Walls</b>								
Ceramic Tile	4%			2035	**	5	\$1,100	
Concrete Masonry Unit	5%			LIFE	**	5	\$500	
Fabric on Framing	23%			2024	\$1,030,100	5	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Actually Premium Wall Coverings</i>								
Gypsum Board	20%			LIFE	**	5	\$3,200	
Marble Panels	3%			LIFE	**	5	\$400	
Plaster	40%			LIFE	**	5	\$3,200	
Plaster	5%			LIFE	**	5	\$400	
<b>Ceilings</b>								
Gypsum Board	20%			LIFE	**	5	\$7,800	
Plaster	70%			LIFE	**	5	\$13,600	
Plaster	10%			LIFE	**	5	\$1,900	

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

Under 600 Volts

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**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

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	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$5,400	5	\$100	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room Basement</i>					
			<i>Explanation : One 1200 Ampere Main Disconnect Switch</i>					
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$81,600	5	\$600	
<hr/>								
Raceway								
Conduit	100%			2026	\$39,300	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2025	\$1,700	5		
Molded Case Bkrs	35%			2025	\$11,600	5	\$200	
Molded Case Bkrs	60%			2042	**	5	\$300	
<hr/>								
Wiring								
Braided Cloth	20%	2-4	\$11,500	2051	**	1		
			<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
<hr/>								
Thermoplastic	30%			2026	\$17,200	1		
Thermoplastic	50%			2046	**	1		
<hr/>								
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	
			<i>Variable Speed Drives, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
<hr/>								
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2039	**	1	\$6,600	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : For Use With Portable Generator</i>					
<hr/>								
<b>Lighting</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	15%			2031	**	10	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	10%			2031	**	10	\$2,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
Incandescent	65%			2031	**	2	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st And 2nd Floors</i>								
<i>Explanation : Chandelier Lighting Fixtures</i>								
LED	10%			2036	**			
<b>Egress Lighting</b>								
Emergency, Battery	50%			2031	**	10	\$2,600	
Exit, LED	30%			2054	**	1		
Exit, Service	20%			2021		1	\$1,600	
<b>Exterior Lighting</b>								
HID	100%			2026	\$90,400	10	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Timer Switch Controls Exterior Lighting</i>								
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							
Generic	50%			2026	\$36,200	1	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control Room In The Basement</i>								
<i>Explanation : CCTV Surveillance Camera Exterior Coverage: Internet Protocol Digital Video System</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2026	\$247,800	1-3	\$13,600	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2052	**	1		
Conversion Equipment Hot Water Boiler	100%			2043	**	1	\$10,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**

**Asset # : 891**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Distribution								
	Hot Wtr Piping/Pump	100%			2042	**	4	\$1,100
Terminal Devices								
	Air Handler	80%			2031	**	1	\$10,600
	Convactor/Radiator	20%			2039	**	1	\$1,400
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2042	**	1	
Conversion Equipment								
	Reciprocating Compr/Chiller	90%			2031	**	1	\$9,000
				<i>R-22 Refrigerant, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
	Exterior Pkg Unit - Cooling	10%			2031	**	2	\$100
Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2046	**	4	\$1,100
Terminal Devices								
	Air Handler/Cool/Ht	80%			2031	**	1	\$10,600
	Fan Coil - 2 Pipe	20%			2031	**	1	\$1,400
Heat Rejection								
	Water Cooling Tower	100%			2027	\$85,000	2	\$21,600
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%	4+	\$4,100	LIFE	**	2-5	\$12,000
				<i>Dented, Extent : Moderate, Area Affected : 3%</i>				
				<i>Location : Roof</i>				
Exhaust Fans								
	Interior	90%			2031	**	2	\$600
	Roof	5%			2031	**	2	
	Roof	5%			2021	\$1,900	2	
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%			2046	**	1	
HW Heat Exchanger								
	Steam Fired	100%			2046	**	4	\$2,100
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Fixtures								
	Generic	100%						
<b>Vertical Transport</b>								
Elevators								
	Geared Traction	100%			LIFE	**		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : (1) Freight - Basement To 1st Floor, (1) Passenger - Basement To 2nd Floor</i>				
				<i>Explanation : 2 Units</i>				

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**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK 79TH STREET YARD  
Address : 5TH AVE. TO CENTRAL PARK WEST 79TH ST. AND WEST DR.  
Borough : MANHATTAN Agency's Number : N/A  
Program / Asset # : PAR0018.103 / 14398 Yr Built/Renovated : 1932 / 1998  
Area Sq Ft : 11,000 Project Type : PARKS AND RECREATION  
Date of Survey : 14-Dec-2015 Landmark Status : NONE  
Areas Surveyed : Basement, Roof, Floors 1  
Block : 1111 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$195,600	
Mechanical		\$487,700
<b>Total</b>	<b>\$195,600</b>	<b>\$487,700</b>
Importance Code A	\$195,600	
Importance Code B		\$487,700
<b>Total</b>	<b>\$195,600</b>	<b>\$487,700</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$26,400			
Interior Architecture	\$39,100			\$500
Electrical	\$700	\$600	\$12,000	\$800
Mechanical	\$4,000	\$900	\$13,200	\$1,200
<b>Total</b>	<b>\$70,300</b>	<b>\$1,400</b>	<b>\$25,100</b>	<b>\$2,600</b>
Importance Code A	\$27,100	\$400	\$700	\$400
Importance Code B	\$41,800	\$1,000	\$24,400	\$2,200
Importance Code C	\$1,500			
<b>Total</b>	<b>\$70,300</b>	<b>\$1,400</b>	<b>\$25,100</b>	<b>\$2,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 79TH STREET YARD**  
**Asset # : 14398**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%	0-2	\$14,700	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement Stair Wall</i>								
Masonry: Granite	20%			LIFE	**	5	\$2,500	
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Stone Joints</i>								
Wood	75%	4+	\$136,500	2032	**	5	\$31,900	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Barn Doors</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Eaves And Trims</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Facade</i>								
<b>Windows</b>								
Metal Louvers	10%			2030	**	10	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic Vents</i>								
<i>Explanation : Actually Wood Louvers</i>								
Wood	90%	Now	\$10,500	2035	**	5	\$9,100	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Windows</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Windows</i>								
<b>Roof</b>								
Copper/Terne	5%			2055	**	10	\$2,200	
Slate	95%	0-2	\$59,100	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout Front And Rear Facades</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	65%			LIFE	**	5	\$15,700	
Vinyl Tile	35%	2-4	\$33,500	2037	**	3	\$1,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Corridor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout First Floor</i>								
<b>Interior Walls</b>								
Folding Partition	5%			2035	**	5	\$3,000	
Gypsum Board	75%			LIFE	**	5	\$10,600	
Wood	20%			LIFE	**	5	\$18,900	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 79TH STREET YARD**  
**Asset # : 14398**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	35%	4+	\$2,700	2040	**	5	\$1,600	
<i>Loose/Delam Surface, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	5%	0-2	\$1,500	LIFE	**	5	\$100	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
Exposed Struc: Wood	30%			LIFE	**			
Gypsum Board	30%			LIFE	**	5	\$3,500	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 600 Amperes Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2047	**	5	\$300	
<b>Raceway</b>								
Conduit	100%			2047	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$300	
<b>Wiring</b>								
Thermoplastic	100%			2047	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2040	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$200	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	93%			2032	**	10	\$9,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2032	**	10	\$500	
<i>T-9 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Training And Hallway</i>								
LED	2%			2032	**			

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.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 79TH STREET YARD**  
**Asset # : 14398**

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

**Lighting**

Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$1,300	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
HID	100%			2032	**	10		

**Alarm**

Security System								
No Component	70%							
Generic	30%			2032	**	1	\$1,200	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2032	**	1-3	\$4,900	

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

**Heating**

Energy Source								
Fuel Oil No 2	100%			2047	**	5	\$3,400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Buried In Yard Adjacent To The Building</i>					
			<i>Explanation : 4000 Gallons - One Tank</i>					

Conversion Equipment								
Hot Water Boiler	75%			2032	**	1	\$4,100	
Radiant Heater	25%			2032	**	2	\$1,300	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Workshop And Storage Spaces</i>					
			<i>Explanation : Electric Radiant Heating Units</i>					

Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$500	

Terminal Devices								
Fan Coil Unit/Heat	85%			2032	**	1	\$3,000	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout Main Section Of The Building</i>					
			<i>Explanation : Vav Boxes With Hot Water Reheat Coils</i>					
Fan Coil Unit/Heat	15%			2032	**	1	\$500	

**Air Conditioning**

Energy Source								
Electricity	100%			2043	**	1		

Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2028	\$393,100	2	\$700	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Attic</i>					
			<i>Explanation : Interior Section Of Split Unit</i>					

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 79TH STREET YARD**  
**Asset # : 14398**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Air Conditioning	Heat Rejection Dry Cooler	100%	Now	\$2,900	2027	\$57,200	2	\$6,100
<i>Broken, Extent : Moderate, Area Affected : 100%</i> <i>Location : Outside Adjacent To Building, 1 Of 2 Defective Condensing Unit Fans</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Outside Adjacent To Building</i> <i>Explanation : Exterior Section Of Split Unit</i>								
Ventilation	Exhaust Fans Interior	100%			2027	\$37,400	2	\$300
Plumbing	H/C Water Piping Galvanized Steel	100%			2032	**	1	
	Water Heater Oil Fired	100%			2022	\$8,700	1	\$300
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Sump Pump(s) Non-Submersible	100%			2027	\$1,600	4	\$200
	Fixtures Generic	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ARSENAL BUILDING - 10  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 64TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-010  
**Program / Asset #** : PAR0018.077 / 1084 **Yr Built/Renovated** : 1848 / 2008  
**Area Sq Ft** : 38,220 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4,5  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$308,300	\$181,100
Interior Architecture	\$38,500	\$115,500
Electrical	\$4,800	\$212,000
Mechanical		\$164,200
<b>Total</b>	<b>\$351,700</b>	<b>\$672,800</b>
Importance Code A	\$308,300	\$181,100
Importance Code B	\$43,300	\$491,700
<b>Total</b>	<b>\$351,700</b>	<b>\$672,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$35,400		\$300	
Interior Architecture	\$269,100		\$7,600	\$10,700
Electrical	\$34,200	\$2,100	\$24,300	\$2,800
Mechanical	\$2,400	\$2,600	\$4,300	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$345,100</b>	<b>\$8,600</b>	<b>\$40,500</b>	<b>\$19,100</b>
Importance Code A	\$36,600		\$400	
Importance Code B	\$283,700	\$8,600	\$40,100	\$19,100
Importance Code C	\$24,800			
<b>Total</b>	<b>\$345,100</b>	<b>\$8,600</b>	<b>\$40,500</b>	<b>\$19,100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ARSENAL BUILDING - 10**  
**Asset # : 1084**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	80%	Now	\$100,300	LIFE	**	5	\$59,700	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southeast Corner And Parklands Office - 4th Floor</i>								
Masonry: Brownstone	10%	Now	\$157,600	LIFE	**	5	\$5,600	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills, Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills, Throughout</i>								
Masonry: Granite	10%			LIFE	**	5	\$5,600	
<b>Windows</b>								
Wood	98%			2043	**	5	\$100,900	
Wood	2%	Now	\$6,400	2052	**	5	\$1,000	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bulkheads</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bulkheads</i>								
<b>Parapets</b>								
Masonry: Brick	75%			LIFE	**	5	\$2,200	
Masonry: Granite	10%			LIFE	**	5	\$400	
Metal Panel	5%			2047	**	5	\$600	
Metal Rail	10%			2040	**	5-10	\$5,400	
<b>Roof</b>								
Built-Up (BUR)	15%			2027			\$71,000	10
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Actually Roof Gardens</i>								
Plaza Roof: Stone Panels	60%			2047	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Actually A Wood Decking Material</i>								
Skylight, Metal/Glass	25%	Now	\$25,800	2037	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Commissioner Office - 4th Floor</i>								

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ARSENAL BUILDING - 10**  
**Asset # : 1084**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	25%	2-4	\$216,700	2029	\$216,700	3	\$22,900	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd, 3rd, 4th Floor Offices</i>								
Carpet	5%			2026	\$43,300	3	\$6,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Central Park Zoo Office</i>								
Cast in Place Concrete	10%			LIFE	**	5	\$13,300	
Ceramic Tile	4%	0-2	\$2,600	2030	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Public Bathrooms In Basement</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Public Bathrooms In Basement</i>								
Ceramic Tile	1%			2040	**	5	\$600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Bathrooms</i>								
Marble Panels	5%			LIFE	**	5	\$2,300	
Terrazzo	30%			LIFE	**	5	\$14,300	
<i>Horizontal Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : 1st And 2nd Floors</i>								
Vinyl Tile	20%	4+	\$23,100	2027	\$115,500	3	\$4,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Corridor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Corridor</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Corridor</i>								
Interior Walls								
Ceramic Tile	4%			2030	**	5	\$1,600	
Ceramic Tile	1%			2040	**	5	\$400	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Bathrooms</i>								
Glass: Single Pane	10%			LIFE	**	5	\$3,100	
Gypsum Board	15%			LIFE	**	5	\$3,700	
Plaster	65%	Now	\$23,800	LIFE	**	5	\$8,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southeast Office 401, Parklands Office And Bulkhead</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southeast Office 401, Parklands Office And Bulkhead</i>								
Plaster	5%			LIFE	**	5	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Lobby</i>								
<i>Explanation : Historic Murals</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ARSENAL BUILDING - 10**  
**Asset # : 1084**

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

## Interior

## Ceilings

AcousTile,Adhered	25%			2032	**	5	\$15,300	
AcousTileConcealSpLn	35%	4+	\$38,500	2032	**	5	\$13,300	

*Misaligned/Bulging, Extent : Moderate, Area Affected : 35%*

*Location : 3rd And 4th Floors*

Exposed Concrete	5%			LIFE	**	5	\$500	
Plaster	35%			LIFE	**	5	\$13,300	

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2027	\$23,100	5	\$200	
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## Switchgear / Switchboard

Fused Disc Sw	100%			2027	\$136,000	5	\$200	
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## Raceway

Conduit	10%			2047	**	1		
Conduit	90%			2027	\$59,400	1		

## Panelboards

Fused Disc Sw	5%			2026	\$3,300	5		
Molded Case Bkrs	70%			2043	**	5	\$700	
Molded Case Bkrs	25%			2026	\$16,600	5	\$300	

## Wiring

Braided Cloth	35%	2-4	\$31,600	2052	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 50%*

*Location : Throughout*

Thermoplastic	65%			2047	**	1		
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## Motor Controllers

Locally Mounted	100%			2025	\$32,800	5	\$300	
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## Ground

## Grounding Devices

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

## Interior Lighting

Fluorescent	83%			2035	**	10	\$29,100	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-8 Lamps*

Fluorescent	2%			2022	\$4,800	10	\$700	
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*T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*

*Location : Legal Office*

Incandescent	10%			2035	**	2	\$100	
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LED	5%			2035	**			
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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.

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ARSENAL BUILDING - 10**  
**Asset # : 1084**

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

**Lighting**

## Egress Lighting

Emergency, Battery	30%			2022	\$17,200	10	\$2,800	
Emergency, Battery	20%			2035	**	10	\$1,800	
Exit, Service	10%			2022	\$1,400	1		
Exit, Service	40%			2032	**	1		

## Exterior Lighting

HID	100%			2032	**	10	\$100	
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**Alarm**

## Security System

No Component	70%							
Generic	30%			2032	**	1	\$4,300	

## Fire/Smoke Detection

No Component	30%							
Generic, Digital	70%			2032	**	1-3	\$17,000	

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

**Heating**

## Energy Source

Utility Steam	100%			2053	**	1		
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## Conversion Equipment

Pres. Reducing Valve/LP Steam	100%			2030	**	5	\$2,300	
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## Distribution

Central Plant Steam Piping/Pmp	100%			2037	**	4	\$2,800	
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## Terminal Devices

Convactor/Radiator	90%			2032	**	1	\$11,100	
Fan Coil Unit/Heat	10%			2032	**	1	\$1,200	

**Air Conditioning**

## Energy Source

Electricity	100%			2043	**	1		
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## Conversion Equipment

Exterior Pkg Unit - Cooling	40%			2027	\$129,100	2	\$900	
Window/Wall Unit	40%			2025	\$33,200	1		

*Other Observation, Extent : Light, Area Affected : 60%*

*Location : Throughout The Building*

*Explanation : Window Units Being Replaced By Portable Units*

No Component	20%							
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**Ventilation**

## Distribution

Ductwork/Diffusers	100%			LIFE	**	2-5	\$21,300	
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## Exhaust Fans

Wall Unit	100%			2027	\$14,200	2	\$1,200	
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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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ARSENAL BUILDING - 10**  
**Asset # : 1084**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping Brass/Copper	100%			2037	**	1	
	Water Heater Electric	100%			2026	\$35,100	4	\$200
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	<b>Fixtures</b>							
	Generic	100%						
<b>Vertical Transport</b>								
	<b>Elevators</b>							
	Geared Traction	100%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement To 3rd Floor</i>						
		<i>Explanation : One Unit</i>						

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



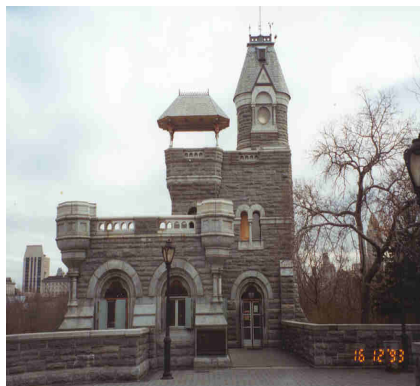
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK BELVEDERE CASTLE - 155  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 79 ST. BET. EAST AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-155  
**Program / Asset #** : PAR0018.076 / 1092 **Yr Built/Renovated** : 1872 /  
**Area Sq Ft** : 9,109 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2015 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Basement, Floors 1,2,3  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$453,000	
Electrical		\$38,300
<b>Total</b>	<b>\$453,000</b>	<b>\$38,300</b>
Importance Code A	\$453,000	
Importance Code B		\$38,300
<b>Total</b>	<b>\$453,000</b>	<b>\$38,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$56,700			
Interior Architecture	\$25,900			
Electrical	\$800	\$600	\$700	\$700
Mechanical	\$1,100		\$1,100	
<b>Total</b>	<b>\$84,500</b>	<b>\$600</b>	<b>\$1,800</b>	<b>\$700</b>
Importance Code A	\$57,500		\$900	
Importance Code B	\$27,000	\$600	\$900	\$700
Importance Code C				
<b>Total</b>	<b>\$84,500</b>	<b>\$600</b>	<b>\$1,800</b>	<b>\$700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BELVEDERE CASTLE - 155**  
**Asset # : 1092**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Granite	100%	Now	\$409,300	LIFE	**	5	\$11,400	
<i>Efflorescence, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North And West Facades</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North And West Facades</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : North And East Facades</i>								
<hr/>								
<b>Windows</b>								
Steel	100%	0-2	\$17,400	2035	**	5	\$8,200	
<i>Glazing Clouded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Windows</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								
<hr/>								
<b>Parapets</b>								
Masonry: Granite	100%	0-2	\$43,700	LIFE	**	5	\$2,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 3rd Floor Observation Deck</i>								
<hr/>								
<b>Roof</b>								
Paver: Asphalt	80%	0-2	\$24,200	2030	**			
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 10%</i>								
<i>Location : North Facade - 3rd Floor Observation</i>								
<i>Ponding, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Terrace</i>								
Slate	10%			LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood Shingles	10%	4+	\$15,100	2030	**			
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Decorative Pagodas</i>								
<hr/>								
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	2%			2030	**	5	\$300	
Granite Panels	10%			LIFE	**	5	\$1,200	
Quarry Tile	5%			2040	**	5	\$1,200	
Slate	83%			LIFE	**	5	\$14,200	
<hr/>								
<b>Interior Walls</b>								
Gypsum Board	10%			LIFE	**	5	\$700	
Granite Panels	90%			LIFE	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BELVEDERE CASTLE - 155**  
**Asset # : 1092**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Concrete	55%	0-2	\$15,900	LIFE	**	5	\$1,400	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	10%	Now	\$7,600	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 1st And 2nd Floors</i>								
Masonry:Vault Struct	30%			LIFE	**			
Wood	5%	Now	\$1,700	LIFE	**	5	\$7,100	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 1st And 2nd Floors</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	70%			2037	**	1		
Conduit	30%			2057	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	75%			2035	**	5	\$200	
Molded Case Bkrs	25%			2052	**	5	\$100	
<b>Wiring</b>								
Thermoplastic	80%			2037	**	1		
Thermoplastic	20%			2057	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2032	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
<b>Interior Lighting</b>								
LED	100%			2037	**			
<b>Egress Lighting</b>								
Emergency, Battery	50%			2027		10	\$1,100	
Exit, Service	50%			2027		1		
<b>Exterior Lighting</b>								
HID	100%			2027		10		

**Alarm**

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BELVEDERE CASTLE - 155**  
**Asset # : 1092**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Alarm</b>								
Security System								
No Component	30%							
Generic	70%			2032	**	1	\$2,400	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2032	**	1-3	\$4,000	
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Electricity	100%			2047	**	1		
Conversion Equipment								
Radiant Heater	100%			2032	**	2	\$4,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Electric Baseboard Radiators</i>						
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2031	**	2	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Office Space</i>						
		<i>Explanation : Split Unit Fan Coil</i>						
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2032	**	2	\$1,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Adjacent To Building</i>						
		<i>Explanation : Split Unit Air Cooled Condenser</i>						
No Component	80%							
<b>Ventilation</b>								
Exhaust Fans								
Interior	10%			2032	**	2		
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Toilet Room</i>						
		<i>Explanation : Toilet Exhaust Fan</i>						
No Component	90%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BELVEDERE CASTLE - 155**  
**Asset # : 1092**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Water Heater Electric	100%			2025	\$8,400	4	\$100
			<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Janitor Closet</i>					
Sanitary Piping	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Fixtures	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 86TH ST. TRANSVERSE  
**Borough** : MANHATTAN **Agency's Number** : M010-153  
**Program / Asset #** : PAR0018.087 / 1086 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 21,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$960,900	
Interior Architecture	\$278,000	\$35,100
Electrical	\$47,600	
Mechanical		\$65,600
<b>Total</b>	<b>\$1,286,500</b>	<b>\$100,600</b>
Importance Code A	\$960,900	
Importance Code B	\$325,600	\$65,600
Importance Code C		\$35,100
<b>Total</b>	<b>\$1,286,500</b>	<b>\$100,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$47,800		\$20,200	
Interior Architecture	\$47,200			\$300
Electrical	\$84,200	\$1,500	\$43,000	\$1,600
Mechanical	\$3,500	\$4,000	\$16,600	\$4,500
<b>Total</b>	<b>\$182,700</b>	<b>\$5,500</b>	<b>\$79,700</b>	<b>\$6,500</b>
Importance Code A	\$63,800	\$2,100	\$22,200	\$2,100
Importance Code B	\$118,900	\$3,400	\$57,500	\$4,400
Importance Code C				
<b>Total</b>	<b>\$182,700</b>	<b>\$5,500</b>	<b>\$79,700</b>	<b>\$6,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$358,100	LIFE	**	5	\$26,700	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : South East Corner And South Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	Now	\$65,800	LIFE	**	5	\$1,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Wood	5%	Now	\$97,300	2047	**	5	\$4,200	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	10%	Now	\$117,400	2047	**	5	\$8,300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Facade</i>								
Windows								
Wood	100%	Now	\$56,900	2052	**	5	\$6,800	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Exterior Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$5,900	LIFE	**	5	\$1,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
Masonry: Brick	35%	Now	\$22,900	LIFE	**	5	\$1,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Slate	20%			LIFE	**	5	\$700	
No Component	40%							
Roof								
Modified Bitumen	50%			2032	**	10	\$20,200	
Skylight, Metal/Glass	20%	Now	\$265,500	2037	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Second Floor</i>								
Slate	25%	Now	\$19,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Sloped Glazing	5%			LIFE	**	5	\$26,900	
Interior								
Floors								
Cast in Place Concrete	59%	Now	\$35,600	LIFE	**	5	\$33,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	1%			2030	**	5	\$300	
Vinyl Tile	10%	Now	\$24,700	2037	**	3	\$1,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor Offices</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 2nd Floor Offices</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd Floor Offices</i>								
Wood	30%	Now	\$86,100	2042	**	5	\$7,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Second Floor Shops</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Second Floor Shops</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout Second Floor Shops And Stairs</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Masonry: Brick	65%			LIFE	**			
Plaster	10%			LIFE	**	5	\$1,100	
Wood	25%			LIFE	**	5	\$35,100	
<b>Ceilings</b>								
AcousTileConcealSpLn	10%	Now	\$22,400	2047	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd Floor Office</i>								
Exposed Struc: Wood	90%	Now	\$156,300	LIFE	**			
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout Second Floor, Paint Storage K4e</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Paint Storage On Second Floor Room K4e</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Second Floor</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%	0-2	\$14,000	2057	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Electrical Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Electrical Room</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								
Fused Disc Sw	50%			2027	\$14,000	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Ground Floor</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	50%			2027	\$27,200	5		
Fused Knife Sw	50%	2-4	\$27,200	2057	**	5		
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<b>Raceway</b>								
Conduit	100%			2027	\$34,900	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
	Fused Disc Sw	10%			2026	\$4,300	5	
	Fused Toggle Switch	20%	0-2	\$8,600	2052	**	5	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Molded Case Bkrs	50%			2026	\$21,500	5	\$300
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Molded Case Bkrs	20%			2049	**	5	\$100
<b>Wiring</b>								
	Braided Cloth	80%	2-4	\$24,700	2052	**	1	
<i>Insulation Aged, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
	Thermoplastic	20%			2053	**	1	
<b>Motor Controllers</b>								
	Locally Mounted	50%			2025	\$8,000	5	\$100
	Locally Mounted	50%	2-4	\$8,000	2047	**	5	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Ground</b>								
<b>Grounding Devices</b>								
	Generic	100%			LIFE	**	5	\$300
<b>Lighting</b>								
<b>Interior Lighting</b>								
	Fluorescent	75%			2022	\$47,600	10	\$14,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
	Fluorescent	20%			2035	**	10	\$3,900
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Shop And Mechanical Room</i>								
	Incandescent	5%			2022	\$7,500	2	
<b>Egress Lighting</b>								
	Emergency, Battery	50%			2022	\$15,800	10	\$2,500
	Exit, Service	50%			2022	\$1,300	1	
<b>Alarm</b>								
<b>Security System</b>								
	No Component	30%						
	Generic	70%			2035	**	1	\$5,500
<b>Fire/Smoke Detection</b>								
	No Component	30%						
	Generic, Digital	70%			2035	**	1-3	\$9,300

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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	95%			2047	**	5	\$6,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underground In Yard</i>								
<i>Explanation : (1) 1,000 Gallon Tank</i>								
Natural Gas	5%			2047	**	1		
<b>Conversion Equipment</b>								
Radiant Heater	5%			2027	\$19,400	2	\$500	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Plumbing Shop</i>								
<i>Explanation : Gas Fired Space Heater</i>								
Steam Boiler	95%			2044	**	1	\$19,800	
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Bio Diesel Fueled Steam Boiler</i>								
<b>Distribution</b>								
Central Plant Steam Piping/Pmp	100%			2047	**	4	\$1,000	
<b>Terminal Devices</b>								
Convactor/Radiator	80%			2032	**	1	\$5,400	
Fan Coil Unit/Heat	20%			2027	\$65,600	1	\$1,400	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		
<b>Conversion Equipment</b>								
Window/Wall Unit	15%			2022	\$6,800	1		
No Component	85%							
<b>Ventilation</b>								
Exhaust Fans								
Interior	10%			2027	\$7,800	2	\$100	
Wall Unit	20%			2027	\$1,600	2	\$100	
No Component	70%							
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%			2032	**	1		
<i>No Water Meter, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<b>Water Heater</b>								
Gas Fired	100%			2026	\$13,400	2	\$300	
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Fixtures</b>								
Generic	100%							
<b>Fire Suppression</b>								
Standpipe								
Generic	100%			2037	**	1-5	\$10,600	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Fire Suppression	Sprinkler							
	Generic	100%			2037	**	1-2	\$5,900
<i>No Backflow Preventer, Extent : Moderate, Area Affected : 100%</i> <i>Location : First Floor</i>								

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK CAROUSEL - 035  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 65TH ST. AND CENTER DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-35  
**Program / Asset #** : PAR0018.072 / 1113 **Yr Built/Renovated** : 1951 / 2013  
**Area Sq Ft** : 3,888 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$67,100		\$4,200	
Interior Architecture	\$2,700			
Electrical	\$100			
<b>Total</b>	<b>\$69,800</b>		<b>\$4,200</b>	
Importance Code A	\$67,100		\$4,200	
Importance Code B	\$2,700			
<b>Total</b>	<b>\$69,800</b>		<b>\$4,200</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK CAROUSEL - 035**  
**Asset # : 1113**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	55%	0-2	\$22,800	LIFE	**	5	\$3,400	
<i>Horizontal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
Metal Coiling Doors	35%			2032	**	5	\$6,800	
Metal: Cage/Fence	5%	0-2	\$300	2040	**	5	\$700	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	5%			2032	**	5	\$1,500	
<b>Windows</b>								
Wood	100%	Now	\$10,100	2052	**	5	\$1,600	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Exterior Side</i>								
<b>Roof</b>								
Slate	100%	Now	\$33,900	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Central Cupola</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	60%			LIFE	**	5	\$9,400	
Wood	40%			2055	**	5	\$5,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Carousel Flooring</i>								
<b>Ceilings</b>								
Exposed Struc: Wood	100%			LIFE	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 A Main Disconnect Switch</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK CAROUSEL - 035**  
**Asset # : 1113**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Transformers								
Dry Type	100%			2032	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 75 Kva 208pri-480/277sec</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2037	**	5		
Raceway								
Conduit	100%			2037	**	1		
Panelboards								
Fused Disc Sw	10%			2035	**	5		
Molded Case Bkrs	90%			2035	**	5	\$100	
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	50%			2027	\$4,700	10	\$1,800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	50%			2027	\$11,300	2		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2032	**	1		

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK DELACORTE COMFORT STATION  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 79TH ST AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-156C  
**Program / Asset #** : PAR0018.096 / 806 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 1,656 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$16,500			
Interior Architecture	\$8,400			
Electrical	\$2,700		\$8,500	
Mechanical	\$200	\$300	\$600	\$300
<b>Total</b>	<b>\$27,900</b>	<b>\$300</b>	<b>\$9,100</b>	<b>\$300</b>
Importance Code A	\$16,600	\$200	\$200	\$200
Importance Code B	\$7,100	\$100	\$8,900	\$100
Importance Code C	\$4,200			
<b>Total</b>	<b>\$27,900</b>	<b>\$300</b>	<b>\$9,100</b>	<b>\$300</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DELACORTE COMFORT STATION**  
**Asset # : 806**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	92%			LIFE	**	5	\$5,100	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West And South Facades</i>								
Masonry: Limestone	8%	0-2	\$7,200	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Green Staining Throughout</i>								
Windows								
Aluminum	10%			2035	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Explanation : Basement Windows</i>								
Steel	90%	Now	\$9,300	2035	**	5	\$3,300	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : First Floor Windows</i>								
Roof								
Slate	100%			LIFE	**			
Interior								
Floors								
Cast in Place Concrete	25%	4+	\$700	LIFE	**	5	\$1,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Ceramic Tile	25%			2030	**	5	\$600	
Terrazzo	50%			LIFE	**	5	\$900	
Interior Walls								
Ceramic Tile	30%	0-2	\$2,600	2036	**	5	\$200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Corridor Between Men And Women Restroom</i>								
Masonry: Brick	10%	Now	\$1,200	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Walls</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Room In Basement</i>								
Plaster	60%	0-2	\$400	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Office</i>								

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DELACORTE COMFORT STATION**  
**Asset # : 806**

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

## Interior

## Ceilings

Exposed Concrete	5%			LIFE	**	5		
Plaster	95%	4+	\$3,300	LIFE	**	5	\$1,400	

*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%*

*Location : Throughout*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2037	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 100 Ampere Main Disconnect Switch*

## Raceway

Conduit	70%			2037	**	1		
Conduit	30%			2027	\$1,300	1		

## Panelboards

Molded Case Bkrs	100%			2035	**	5		
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## Wiring

Braided Cloth	30%	2-4	\$2,700	2052	**	1		
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*Insulation Aged, Extent : Severe, Area Affected : 100%*

*Location : Electrical Room*

Thermoplastic	70%			2037	**	1		
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## Ground

## Grounding Devices

Generic	100%			LIFE	**	5		
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## Lighting

## Interior Lighting

Fluorescent	80%			2032	**	10	\$1,200	
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*Other Observation, Extent : Light, Area Affected : 80%*

*Location : Throughout The Building*

*Explanation : T-8 Lamps*

Fluorescent	20%			2032	**	10	\$300	
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*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*

*Location : Janitors Room*

## Exterior Lighting

HID	100%			2022	\$7,000	10		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Heating

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DELACORTE COMFORT STATION**  
**Asset # : 806**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Energy Source							
	Fuel Oil No 2	100%			2037	**	5	\$500
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : (2) 275 Gallon Oil Tanks</i>					
	Conversion Equipment							
	Steam Boiler	100%			2032	**	1	\$1,600
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room In Basement</i>					
			<i>Explanation : (1) #2 Oil Burning Steam Boiler</i>					
	Distribution							
	Central Plant Steam Piping/Pmp	100%			2037	**	4	\$100
	Terminal Devices							
	Convactor/Radiator	100%			2032	**	1	\$500
<b>Ventilation</b>								
	Distribution							
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$900
	Exhaust Fans							
	Wall Unit	100%			2027	\$600	2	\$100
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%			2032	**	1	
	HW Heat Exchanger							
	Steam Fired	100%			2047	**	4	\$200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : Heating Coil In Boiler</i>					
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Fixtures							
	Generic	100%						

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK HECKSCHER PLAYGROUND BLDG - 032  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 62ND ST. AND CENTER DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-032  
**Program / Asset #** : PAR0018.081 / 797 **Yr Built/Renovated** : 1932 / 2009  
**Area Sq Ft** : 2,937 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				\$400
Interior Architecture	\$2,900	\$1,000		\$100
Electrical	\$100	\$100	\$3,100	\$100
Mechanical	\$300	\$900	\$300	\$700
<b>Total</b>	<b>\$3,200</b>	<b>\$2,000</b>	<b>\$3,400</b>	<b>\$1,300</b>
Importance Code A	\$100	\$100	\$200	\$500
Importance Code B	\$3,000	\$1,100	\$3,200	\$800
Importance Code C		\$700		
<b>Total</b>	<b>\$3,200</b>	<b>\$2,000</b>	<b>\$3,400</b>	<b>\$1,300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK HECKSCHER PLAYGROUND BLDG - 032**

**Asset # : 797**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	80%			LIFE	**	5	\$5,300	
<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
Masonry: Limestone	20%			LIFE	**	5	\$1,000	
<b>Windows</b>								
Aluminum	90%			2043	**	5	\$800	
Metal Louvers	10%			2036	**	10	\$600	
<b>Parapets</b>								
Metal Rail	10%			2040	**	5-10		
No Component	65%							
Not Accessible	25%							
<b>Roof</b>								
Copper/Terne	75%			2055	**	10	\$14,500	
Not Accessible	25%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	15%			LIFE	**	5	\$600	
Ceramic Tile	25%			2036	**	5	\$500	
Vinyl Tile	60%	4+	\$2,200	2032	**	3	\$400	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor Corridor</i>								
<b>Interior Walls</b>								
Ceramic Tile	15%			2036	**	5	\$1,500	
Concrete Masonry Unit	10%			LIFE	**	5	\$400	
Gypsum Board	55%			LIFE	**	5	\$3,300	
SGFT/Glazed Masonry	20%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	65%			2040	**	5	\$1,300	
Exposed Struc: Steel	10%			LIFE	**			
Gypsum Board	25%			LIFE	**	5	\$600	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2047	**	5		
<b>Raceway</b>								
Conduit	100%			2047	**	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK HECKSCHER PLAYGROUND BLDG - 032**

**Asset # : 797**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Panelboards								
	Fused Disc Sw	5%			2043	**	5	
	Molded Case Bkrs	95%			2043	**	5	\$100
Wiring								
	Thermoplastic	100%			2047	**	1	
Motor Controllers								
	Locally Mounted	100%			2040	**	5	
Ground								
Grounding Devices								
	Generic	100%			LIFE	**	5	
Lighting								
Interior Lighting								
	Fluorescent	90%			2032	**	10	\$2,400
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout The Building</i>				
				<i>Explanation : T-8 Lamps</i>				
	Fluorescent	10%			2032	**	10	\$300
				<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
Egress Lighting								
	Emergency, Battery	50%			2032	**	10	\$400
	Exit, LED	50%			2055	**	1	
Exterior Lighting								
	HID	100%			2032	**	10	
Alarm								
Security System								
	No Component	50%						
	Generic	50%			2032	**	1	\$600

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Heating								
Energy Source								
	Natural Gas	100%			2053	**	1	
Conversion Equipment								
	Hot Water Boiler	100%			2044	**	1	\$1,500
Distribution								
	Hot Wtr Piping/Pump	100%			2049	**	4	\$200
Terminal Devices								
	Convactor/Radiator	100%			2044	**	1	\$1,000
Air Conditioning								
Energy Source								
	Electricity	100%			2043	**	1	

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK HECKSCHER PLAYGROUND BLDG - 032**

**Asset # : 797**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Conversion Equipment</b>								
	Interior Pkg Unit - Cooling	70%			2031	**	2	\$100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Me Room</i>								
<i>Explanation : 1 Unit</i>								
	No Component	30%						
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	100%			2035	**	2	\$2,000
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2057	**	1	
<b>Water Heater</b>								
	Gas Fired	100%			2027	\$1,900	2	
<b>HW Heat Exchanger</b>								
	Steam Fired	100%			2053	**	4	\$400
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Backflow Preventer</b>								
	Generic	100%			2035	**	1	\$200
<b>Fixtures</b>								
	Generic	100%						

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ICE RINK LASKER - 235  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 105TH ST. AND EAST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-235  
**Program / Asset #** : PAR0018.101 / 1087 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 42,240 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,875,600	\$710,300
Interior Architecture	\$2,246,600	\$461,700
Electrical	\$111,400	\$195,000
Mechanical		\$3,604,300
<b>Total</b>	<b>\$4,233,700</b>	<b>\$4,971,300</b>
Importance Code A	\$1,875,600	\$710,300
Importance Code B	\$1,253,600	\$4,261,000
Importance Code C	\$1,104,400	
<b>Total</b>	<b>\$4,233,700</b>	<b>\$4,971,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$59,000		\$42,300	
Interior Architecture	\$34,800	\$5,600		
Electrical	\$1,100	\$1,200	\$30,600	\$1,100
Mechanical	\$64,600	\$23,800	\$80,700	\$21,400
<b>Total</b>	<b>\$159,600</b>	<b>\$30,500</b>	<b>\$153,500</b>	<b>\$22,500</b>
Importance Code A	\$66,400	\$7,300	\$49,600	\$7,400
Importance Code B	\$63,900	\$23,200	\$103,900	\$15,000
Importance Code C	\$29,300			
<b>Total</b>	<b>\$159,600</b>	<b>\$30,500</b>	<b>\$153,500</b>	<b>\$22,500</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

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	40%	0-2	\$424,500	LIFE	**	5	\$338,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Pool</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Pool</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pool</i>								
<i>Explanation : Includes Perimeter Pool Walls</i>								
Masonry: Brick	25%	Now	\$425,800	LIFE	**	5	\$42,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Metal Panel	5%			2037	**	5-10	\$58,100	
Metal Coiling Doors	10%			2040	**	5	\$52,800	
Pre-Cast Concrete	10%			LIFE	**	5	\$54,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Stucco Cement	5%			2032	**	5	\$21,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : North Facade Of Locker Rooms</i>								
Window Wall	5%			2047	**	5	\$31,700	
Windows								
Aluminum	75%	Now	\$78,900	2052	**	5	\$800	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Louvers	25%	Now	\$1,900	2036	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Brick	10%			LIFE	**	5	\$4,000	
Metal Rail	15%			2044	**	5-10	\$107,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Above Concessions Area</i>								
Metal: Cage/Fence	25%	4+	\$22,000	2040	**	5	\$32,000	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 15%</i>								
<i>Location : Perimeter Fence</i>								
Pre-Cast Concrete	50%	Now	\$158,300	LIFE	**	5	\$125,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	40%	Now	\$155,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Around Pool</i>								
<i>Explanation : Includes Perimeter Pavement</i>								
Cement-Fiber Panel	10%			2030	**	5	\$17,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Above Concessions</i>								
<i>Explanation : This Is Allocated To The Shade Structure</i>								
Paver: Asphalt	50%	Now	\$632,700	2030	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Over First Floor</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over First Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Over First Floor</i>								

Interior

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	**	5	\$170,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Rubber Matting Over Concrete</i>								
Cast in Place Concrete	60%	Now	\$462,900	LIFE	**	5	\$291,600	
<i>Drains Clogged, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lot On South Side Of Building. Water Shed Back Into Building</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Severe Flooding During Heavy Rains</i>								
Ceramic Tile	5%			2036	**	5	\$11,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Rubber Matting Over Tiles</i>								
Interior Walls								
Cast in Place Concrete	60%	Now	\$1,001,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Stairwell To Basement</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pool Walls In Tunnels</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pool Walls In Tunnels</i>								
Concrete Masonry Unit	15%	Now	\$29,300	LIFE	**	5	\$4,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	15%	Now	\$102,900	LIFE	**			
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Women Locker Room</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Women Locker Room</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Women Locker Room</i>								
SGFT/Glazed Masonry	10%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2044	**	5	\$6,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Concessions/ Locker Rooms</i>								
Exposed Concrete	60%	Now	\$679,200	LIFE	**	5	\$5,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Stairwell To Basement</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Underside Of Pool Deck In Basement</i>								
Plaster	30%	4+	\$5,500	LIFE	**	5	\$11,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2053	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 6000 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	70%			2027	\$25,200	5	\$100	
Fused Disc Sw	30%			2053	**	5	\$100	
<b>Raceway</b>								
Conduit	95%			2027	\$33,100	1		
Conduit	5%			2053	**	1		
<b>Panelboards</b>								
Fused Disc Sw	10%			2026	\$3,300	5	\$100	
Molded Case Bkrs	30%			2043	**	5	\$300	
Molded Case Bkrs	60%			2026	\$20,000	5	\$700	
<b>Wiring</b>								
Thermoplastic	10%			2053	**	1		
Thermoplastic	90%			2027	\$27,800	1		
<b>Motor Controllers</b>								
Locally Mounted	40%			2025	\$33,600	5	\$100	
Locally Mounted	20%			2047	**	5	\$100	
Motor Control Center	40%			2025	\$8,300	5	\$500	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$600	
<b>Lighting</b>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	95%			2037	**	10	\$129,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2037	**	10	\$6,800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2022		10	\$17,900	
Exit, Service	50%			2022		1		
<b>Exterior Lighting</b>								
Fluorescent	20%			2037	**	10	\$800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
HID	80%			2037	**	10	\$100	
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							
Generic	50%			2037	**	1	\$7,900	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Fuel Oil No 2	100%			2047	**	5	\$46,000	
<i>Buried Tank(s), Extent : Light, Area Affected : 100%</i>								
<i>Location : Yard In Back Of Building</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Yard In Back Of Building</i>								
<i>Explanation : (1) 10,000 Gallon Tank</i>								
Conversion Equipment Hot Water Boiler	100%			2032	**	1	\$73,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : (2) #2 Oil Burning Hot Water Boilers</i>								
Distribution Hot Wtr Piping/Pump	100%			2035	**	4	\$7,300	
<b>Terminal Devices</b>								
Air Handler	30%			2027		1	\$27,500	
Fan Coil Unit/Heat	70%			2027		1	\$33,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Lobby And Locker Rooms</i>								
<i>Explanation : Hot Water Cabinet Unit Heaters</i>								

**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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Energy Source</b>								
	Electricity	100%			2035	**	1	
<b>Conversion Equipment</b>								
	Reciprocating Compr/Chiller	100%			2027	\$429,800	1	\$22,500
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Chiller Plant Serves Ice Skating Rink Only</i>								
<b>Distribution</b>								
	CW & CHW Wtr Pipe/Pump	100%	Now	\$400	2037	**	4	\$700
<i>Broken, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement, Defective Pump Seals</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Chilled And Condenser Water Pumps Serve Ice Skating Rink Only</i>								
<b>Heat Rejection</b>								
	Water Cooling Tower	100%			2028	\$587,300	2	\$149,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Back Yard Of Skating Rink</i>								
<i>Explanation : Cooling Tower Serves Ice Skating Rink Only</i>								
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$82,800
<b>Exhaust Fans</b>								
	Interior	50%			2027	\$275,300	2	\$2,300
	No Component	50%						
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Galvanized Steel	100%			2032	**	1	
<b>HW Heat Exchanger</b>								
	Steam Fired	100%			2037	**	4	\$22,000
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Adjacent To Building</i>								
<i>Explanation : Stream Floods Basement During Heavy Rains</i>								
<b>Sump Pump(s)</b>								
	Non-Submersible	100%			2027	\$6,700	4	\$900
<b>Pool Filter/Treatment</b>								
	Sand	100%			2040	**	4	\$55,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Filter Equipment Is In Basement</i>								
<i>Explanation : Rink Is Used As Pool During Summer</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK LASKER - 235**  
**Asset # : 1087**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sewage Ejector(s)							
	Electric	100%			2027	\$12,700	4	\$1,700
Fixtures								
	Generic	100%						
Fire Suppression								
	Chemical System							
	Generic	100%			2025	\$29,100	1-3	\$3,700

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ICE RINK WOLLMAN - 017  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 64TH ST. AND SOUTH DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-017  
**Program / Asset #** : PAR0018.065 / 1112 **Yr Built/Renovated** : 1932 / 1986  
**Area Sq Ft** : 6,120 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$170,700	\$122,500
Electrical	\$12,000	
Mechanical		\$493,300
<b>Total</b>	<b>\$182,700</b>	<b>\$615,900</b>
Importance Code A	\$170,700	\$122,500
Importance Code B	\$12,000	\$493,300
<b>Total</b>	<b>\$182,700</b>	<b>\$615,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$76,700		\$49,200	
Interior Architecture	\$22,300	\$400	\$4,800	
Electrical	\$300	\$200	\$1,200	\$200
Mechanical	\$2,800	\$7,300	\$4,800	\$9,100
<b>Total</b>	<b>\$102,100</b>	<b>\$7,900</b>	<b>\$60,000</b>	<b>\$9,300</b>
Importance Code A	\$77,800	\$1,100	\$50,200	\$1,100
Importance Code B	\$20,300	\$6,800	\$9,800	\$8,300
Importance Code C	\$4,000			
<b>Total</b>	<b>\$102,100</b>	<b>\$7,900</b>	<b>\$60,000</b>	<b>\$9,300</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK WOLLMAN - 017**  
**Asset # : 1112**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	62%	2-4	\$51,000	LIFE	**	5	\$15,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West And South Facades</i>								
Metal Sect. OHD	3%			2040	**	5	\$2,300	
Window Wall	25%			2037	**	5	\$23,000	
Wood	8%			2032	**	5	\$9,800	
Wood Overhead Doors	2%			2032	**	5	\$2,500	
Windows								
Metal Louvers	100%			2030	**	10	\$14,100	
Parapets								
Copper/Terne	15%	Now	\$8,300	2062	**	5	\$2,100	
<i>Seams Open/Split, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Structural Beams - South Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Open Seams</i>								
Masonry: Granite	35%	Now	\$25,700	LIFE	**	5	\$2,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Parapet Wall At Observation Deck</i>								
Metal Rail	50%			2032	**	5-10	\$52,000	
Roof								
Paver: Asphalt	75%	Now	\$27,500	2030	**			
<i>Broken Paver Blocks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Entrance To Observation Deck</i>								
Sloped Glazing	25%	Now	\$119,700	LIFE	**	5	\$122,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK WOLLMAN - 017**  
**Asset # : 1112**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	15%			LIFE	**	5	\$10,600	
Ceramic Tile	5%			2030	**	5	\$1,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Existing Floor Currently Covered By Sheet Vinyl/ Rubber</i>								
Panel/Paver: Cer/Brk	45%			2035	**	5	\$32,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Existing Floor Currently Covered By Sheet Vinyl/rubber</i>								
Quarry Tile	5%			2040	**	5	\$2,400	
Sheet Vinyl/Rubber	20%			2032	**	5	\$9,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covers Entire Floor Area - Existing Floor Still Present Underneath</i>								
Vinyl Tile	10%			2027	\$30,500	3	\$1,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Existing Floor Currently Covered By Sheet Vinyl/rubber</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	10%			LIFE	**			
Ceramic Tile	5%			2030	**	5	\$600	
Concrete Masonry Unit	45%			LIFE	**	5	\$2,100	
Glass: Single Pane	5%			LIFE	**	5	\$400	
Masonry: Brick	15%	0-2	\$3,700	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South End Archway Near Restrooms</i>								
Plaster	20%			LIFE	**	5	\$700	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	25%			2044	**	5	\$2,300	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Concessions</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Concessions</i>								
<i>Explanation : Panels Float On Wires. Panels Are Fiberglass, Not Act</i>								
Exposed Concrete	45%			LIFE	**	5	\$600	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : From Parapet Wall Above - South Facade</i>								
Plaster	25%			LIFE	**	5	\$1,400	
Wood	5%			LIFE	**	5	\$4,000	

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

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK WOLLMAN - 017**

**Asset # : 1112**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Service Equipment								
	Fused Disc Sw	100%			2037	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 2000 Ampere And Two 1200 Ampere Main Disconnect Switches</i>								
Switchgear / Switchboard								
	Fused Disc Sw	100%			2037	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 75 Kva 208v Pri - 480/277v Sec</i>								
Raceway								
	Conduit	100%			2037	**	1	
Panelboards								
	Fused Disc Sw	5%			2035	**	5	
	Molded Case Bkrs	95%			2035	**	5	\$200
Wiring								
	Thermoplastic	100%			2037	**	1	
Motor Controllers								
	Locally Mounted	20%			2032	**	5	
	Motor Control Center	50%			2032	**	5	\$100
	Motor Control Center	30%			2025	\$1,200	5	\$100
Ground								
Grounding Devices								
	Generic	100%			LIFE	**	5	\$100
Lighting								
Interior Lighting								
	Fluorescent	5%			2022	\$12,000	10	\$1,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-12 Lamps</i>								
	Fluorescent	10%			2035	**	10	\$2,000
	LED	85%			2035	**		
Egress Lighting								
	Emergency, Battery	50%			2027	\$16,100	10	\$2,600
	Exit, Service	50%			2027	\$1,700	1	
Exterior Lighting								
	HID	100%			2035	**	10	
Alarm								
Security System								
	No Component	70%						
	Generic	30%			2032	**	1	\$700
Fire/Smoke Detection								
	No Component	70%						
	Generic, Analog	30%			2032	**	1-3	\$1,200

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK WOLLMAN - 017**

**Asset # : 1112**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$10,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 3 Units Used For Hydronic Hot Water</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$1,100	
Terminal Devices								
Air Handler	80%			2027	\$252,200	1	\$10,600	
Convactor/Radiator	10%			2040	**	1	\$700	
Fan Coil Unit/Heat	10%			2032	**	1	\$700	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	25%			2028	\$39,000	2	\$100	
Int Pkg Unit - Heating/Cooling	75%			2025	\$117,000	2	\$300	
Heat Rejection								
Water Cooling Tower	100%			2025	\$85,100	2	\$21,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Refrigerant R-22</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,000	
Exhaust Fans								
Interior	20%			2032	**	2	\$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
HW Heat Exchanger								
Steam Fired	100%			2047	**	4	\$2,100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2027	\$1,000	4	\$100	
Sewage Ejector(s)								
Electric	100%			2027	\$1,800	4	\$200	
Fixtures								
Generic	100%							

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ICE RINK WOLLMAN - 017**

**Asset # : 1112**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Fire Suppression	Sprinkler							
	No Component	50%						
	Generic	50%			2037	**	1-2	\$3,000
Chemical System	Generic	100%			2025	\$29,100	1-3	\$3,700

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK LOEB BOATHOUSE - 113  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 75TH ST. AND EAST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-113  
**Program / Asset #** : PAR0018.082 / 1085 **Yr Built/Renovated** : 1932 / 2009  
**Area Sq Ft** : 8,787 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$148,800	\$46,400
Interior Architecture		\$47,900
<b>Total</b>	<b>\$148,800</b>	<b>\$94,300</b>
Importance Code A	\$148,800	\$46,400
Importance Code C		\$47,900
<b>Total</b>	<b>\$148,800</b>	<b>\$94,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$14,500		\$34,100	
Interior Architecture	\$28,600	\$7,200		
Electrical	\$700	\$500	\$21,800	\$700
Mechanical	\$4,400	\$3,800	\$7,200	\$6,200
<b>Total</b>	<b>\$48,200</b>	<b>\$11,500</b>	<b>\$63,000</b>	<b>\$6,900</b>
Importance Code A	\$16,000	\$1,600	\$35,700	\$1,600
Importance Code B	\$32,200	\$4,000	\$27,400	\$5,400
Importance Code C		\$6,000		
<b>Total</b>	<b>\$48,200</b>	<b>\$11,500</b>	<b>\$63,000</b>	<b>\$6,900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK LOEB BOATHOUSE - 113**  
**Asset # : 1085**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	45%			LIFE	**	5	\$10,600	
Masonry: Brick Cavity	5%			LIFE	**	5	\$1,200	
Masonry: Limestone	10%			LIFE	**	5	\$1,800	
Metal Panel	10%			2047	**	5-10	\$16,100	
Window Wall	22%			2047	**	5	\$19,400	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Dining And Banquet Areas, Facing The Lake</i>								
<i>Explanation : Operable Window Wall</i>								
Wood	8%			2032	**	5	\$9,400	
<i>Split/Cracked, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	20%			2035	**	5	\$29,000	
Wood	80%			2043	**	5	\$92,700	
Parapets								
Metal Panel	10%			2037	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Bulkhead Above Kitchen</i>								
<i>Explanation : Metal Structural Panel</i>								
No Component	90%							
Roof								
Copper/Terne	70%			2042	**	10	\$102,500	
Fiberglass Panel	15%			2036	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Banquet Room</i>								
<i>Explanation : Standing Seam Vinyl. Emulates Copper Roof</i>								
Metal Panel	10%			2032	**	10	\$10,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Above Kitchen</i>								
<i>Explanation : Structural Panel</i>								
Single Ply Membrane	5%			2032	**	10	\$2,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$5,200	
Ceramic Tile	5%			2036	**	5	\$2,400	
Granite Panels	20%			LIFE	**	5	\$7,100	
Quarry Tile	20%			2040	**	5	\$14,100	
Slate	40%			LIFE	**	5	\$20,000	
Wood	10%	Now	\$17,300	2055	**	5	\$4,400	
<i>Loose/MISS Fasteners, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Blisters Evident - Dining Area</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Dining Area</i>								
<i>Explanation : Laminated Wood Floors</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK LOEB BOATHOUSE - 113**  
**Asset # : 1085**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	10%			2036	**	5	\$12,000	
Fiberglass Panel	10%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : Reinforced Fiber Panel</i>								
Masonry: Brick	10%			LIFE	**			
Metal Panel	10%			LIFE	**			
Plaster	50%			LIFE	**	5	\$18,000	
Wood	10%			LIFE	**	5	\$47,900	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%	0-2	\$4,200	2032	**	5	\$2,400	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Kitchen</i>								
Exposed Struc: Steel	5%			LIFE	**			
Exposed Struc: Wood	20%			LIFE	**			
Fiber Board	10%			2032	**			
Gypsum Board	10%			LIFE	**	5	\$5,900	
Plaster	45%			LIFE	**	5	\$13,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : Reinforced Fiber Panel</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2047	**	5		
<b>Raceway</b>								
Conduit	100%			2047	**	1		
<b>Panelboards</b>								
Fused Disc Sw	10%			2043	**	5		
Molded Case Bkrs	90%			2043	**	5	\$200	
<b>Wiring</b>								
Thermoplastic	100%			2047	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2040	**	5	\$100	

**Ground**

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK LOEB BOATHOUSE - 113**  
**Asset # : 1085**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	60%			2032	**	10	\$17,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Incandescent	40%			2032	**	2	\$300	
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$3,800	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
HID	80%			2032	**	10		
Incandescent	20%			2032	**	2		
<b>Alarm</b>								
Security System								
No Component	50%							
Generic	50%			2032	**	1	\$1,600	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2032	**	1-3	\$3,900	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$15,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 6 Natural Gas Fired Sectional Hot Water Boilers</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$1,600	
Terminal Devices								
Air Handler	30%			2032	**	1	\$5,800	
Convactor/Radiator	70%			2040	**	1	\$7,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Ductwork</i>						
		<i>Explanation : Reheat Coils In The Ductwork</i>						
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK LOEB BOATHOUSE - 113**  
**Asset # : 1085**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Conversion Equipment</b>								
	Exterior Pkg Unit - Cooling	100%			2032	* *	2	\$1,900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Packaged Roof Top Unit, Remaining Units Are Condensing Split Units</i>								
<hr/>								
<b>Terminal Devices</b>								
	Fan Coil - 4 Pipe	70%			2032	* *	1	\$7,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dinner Areas</i>								
<i>Explanation : Evaporator Section Of The Split Unit</i>								
<hr/>								
	No Component	30%						
<hr/>								
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$17,600
<hr/>								
<b>Exhaust Fans</b>								
	Roof	100%			2032	* *	2	\$1,000
<hr/>								
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2047	* *	1	
<hr/>								
<b>HW Heat Exchanger</b>								
	Steam Fired	100%			2047	* *	4	\$3,100
<hr/>								
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	* *	1	
<hr/>								
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	* *	1	
<hr/>								
<b>Fixtures</b>								
	Generic	100%						
<hr/>								
<b>Fire Suppression</b>								
<b>Chemical System</b>								
	Generic	100%			2025	\$29,100	1-3	\$3,700

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK MINERAL SPRING PAV. - 085  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 69TH ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-085  
**Program / Asset #** : PAR0018.080 / 796 **Yr Built/Renovated** : 1932 / 2010  
**Area Sq Ft** : 3,102 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$22,200		\$4,600	
Interior Architecture	\$2,000	\$1,000	\$600	
Electrical	\$7,300		\$17,900	
Mechanical	\$200	\$500	\$900	\$500
<b>Total</b>	<b>\$31,700</b>	<b>\$1,600</b>	<b>\$23,900</b>	<b>\$500</b>
Importance Code A	\$22,300	\$200	\$4,600	\$200
Importance Code B	\$9,400	\$1,400	\$19,300	\$300
Importance Code C				
<b>Total</b>	<b>\$31,700</b>	<b>\$1,600</b>	<b>\$23,900</b>	<b>\$500</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK MINERAL SPRING PAV. - 085**

**Asset # : 796**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	4+	\$9,300	LIFE	**	5	\$5,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
Metal Panel	5%			2037	**	5-10	\$2,500	
Metal Coiling Doors	10%			2032	**	5	\$2,300	
Wood	5%			2032	**	5	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter</i>								
<i>Explanation : Underside Of Eaves</i>								
Wood Overhead Doors	5%			2032	**	5	\$1,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Restaurant Area</i>								
<i>Explanation : These Are Actually Accordion Doors</i>								
Windows								
Aluminum	10%			2049	**	5		
Wood	90%	0-2	\$400	2035	**	5	\$300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Storage / Bowling Area</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	5%			2032	**	10	\$900	
Modified Bitumen	60%			2035	**	10	\$5,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Slate	35%	Now	\$12,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Northwest Corner</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$4,500	
Ceramic Tile	40%			2036	**	5	\$2,000	
Slate	10%	0-2	\$2,000	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Kitchen Area</i>								
Wood	10%			2042	**	5	\$1,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK MINERAL SPRING PAV. - 085**  
**Asset # : 796**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
Interior Walls								
Cast in Place Concrete	25%			LIFE	**			
Fiberglass Panel	20%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : Fiber Reinforced Panels</i>								
Plaster	30%			LIFE	**	5	\$500	
SGFT/Glazed Masonry	25%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2032	**	5	\$200	
Exposed Concrete	45%			LIFE	**	5	\$300	
Exposed Struc: Wood	20%			LIFE	**			
Plaster	30%			LIFE	**	5	\$700	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2027	\$1,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2027	\$4,200	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2026	\$8,300	5	\$100	
<b>Wiring</b>								
Braided Cloth	80%	2-4	\$7,300	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	20%			2027	\$1,800	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2025	\$8,000	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5		
<b>Lighting</b>								
Interior Lighting								
Fluorescent	60%			2032	**	10	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8, Lamps</i>								
Incandescent	40%			2027	\$7,200	2		

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK MINERAL SPRING PAV. - 085**

**Asset # : 796**

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

## Lighting

Egress Lighting								
Emergency, Battery	50%			2022	\$2,300	10	\$400	
Exit, Service	50%			2022	\$500	1		
Exterior Lighting								
HID	100%			2022	\$13,000	10		

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

## Heating

Energy Source								
Fuel Oil No 2	100%			2037	**	5	\$1,000	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Above Ground Tank Outside Next To Shop</i>						
		<i>Explanation : (1) 275 Gallon Tank</i>						
Conversion Equipment								
Furnace	50%			2035	**	1	\$800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Space</i>						
		<i>Explanation : 1 Unit</i>						
Radiant Heater	50%			2035	**	2	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Throughout The Restaurant</i>						
		<i>Explanation : Electric Radiant Heating Units</i>						

## Air Conditioning

Energy Source								
Electricity	100%			2043	**	1		
Terminal Devices								
Fan Coil - 2 Pipe	50%			2035	**	1	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Restaurant</i>						
		<i>Explanation : Split Units</i>						
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2035	**	2	\$1,100	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Next To Shop</i>						
		<i>Explanation : Split Unit</i>						
No Component	50%							

## Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,700	
Exhaust Fans								
Roof	100%			2032	**	2	\$100	

## Plumbing

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK MINERAL SPRING PAV. - 085**  
**Asset # : 796**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping Brass/Copper	100%			2037	**	1	
	Water Heater Electric	100%			2026	\$2,800	4	
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
<b>Fire Suppression</b>								
	Sprinkler No Component Generic	80%			2047	**	1-2	\$200
		20%						
		<i>No Backflow Preventer, Extent : Light, Area Affected : 100%</i>						
		<i>Location : First Floor</i>						
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : Sprinkler Head Poorly Located</i>						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK NAUMBURG BANDSHELL - 73A  
**Address** : 5TH AVE. TO CENTRAL PARK WEST NORTH END OF THE MALL  
**Borough** : MANHATTAN **Agency's Number** : M010-073A  
**Program / Asset #** : PAR0018.073 / 2734 **Yr Built/Renovated** : 1969 / 2016  
**Area Sq Ft** : 5,024 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture	\$82,900	
<b>Total</b>	<b>\$82,900</b>	
Importance Code C	\$82,900	
<b>Total</b>	<b>\$82,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$26,600			
Interior Architecture	\$10,600			
Electrical		\$100	\$29,300	
<b>Total</b>	<b>\$37,200</b>	<b>\$100</b>	<b>\$29,300</b>	
Importance Code A	\$26,600		\$100	
Importance Code B	\$10,600	\$100	\$29,200	
<b>Total</b>	<b>\$37,200</b>	<b>\$100</b>	<b>\$29,300</b>	



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



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK NAUMBURG BANDSHELL - 73A**

**Asset # : 2734**

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

Exterior

Exterior Walls

Cast Stone/Terra Cotta	25%			LIFE	**	5	\$7,100	
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*Repairs in Progress, Extent : Light, Area Affected : 100%*

*Location : Roof And Perimeter Walls*

*Staining/Discoloring, Extent : Light, Area Affected : 15%*

*Location : Throughout*

Masonry: Limestone	75%			LIFE	**	5	\$2,000	
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*Repairs in Progress, Extent : Light, Area Affected : 66%*

*Location : Roof And Perimeter Facades*

Roof

Plaza Roof: Stone Panels	100%	Now	\$26,600	2037	**			
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*Other Observation, Extent : Moderate, Area Affected : 30%*

*Location : Outer Shell*

*Explanation : Repairs In Progress*

Interior

Floors

Cast in Place Concrete	100%	Now	\$9,400	LIFE	**	5	\$17,800	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%*

*Location : Stage*

Interior Walls

Cast in Place Concrete	100%	Now	\$82,900	LIFE	**			
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 35%*

*Location : Backstage Support Rooms*

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

*Location : Backstage Support Rooms*

Ceilings

Exposed Concrete	75%			LIFE	**	5	\$1,000	
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*Water Penetration, Extent : Moderate, Area Affected : 10%*

*Location : Backstage Support Rooms*

Gypsum Board	25%	0-2	\$1,100	LIFE	**	5	\$2,500	
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*Cracking/Crumbling, Extent : Light, Area Affected : 10%*

*Location : Throughout Backstage Area*

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2027	\$1,600	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 100 Ampere Main Disconnect Switch*

Raceway

Conduit	100%			2027	\$4,200	1		
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Panelboards

Molded Case Bkrs	100%			2026	\$8,300	5	\$100	
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK NAUMBURG BANDSHELL - 73A**

**Asset # : 2734**

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

Under 600 Volts

Wiring

Thermoplastic

100%

2027

\$9,100

1

Lighting

Interior Lighting

Incandescent

100%

2022

\$29,200

2

\$100

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

Plumbing

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK NORTH MEADOW REC. CENTER - 198  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 98 ST. BET. EAST AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-198A  
**Program / Asset #** : PAR0018.060 / 1111 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 10,620 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$177,500	
Electrical		\$95,100
Mechanical		\$320,700
<b>Total</b>	<b>\$177,500</b>	<b>\$415,700</b>
Importance Code A	\$177,500	
Importance Code B		\$415,700
<b>Total</b>	<b>\$177,500</b>	<b>\$415,700</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$37,000		\$1,400	
Interior Architecture	\$25,200		\$2,300	\$1,100
Electrical	\$200	\$100	\$8,900	\$200
Mechanical	\$23,500	\$2,100	\$6,700	\$1,900
<b>Total</b>	<b>\$85,800</b>	<b>\$2,200</b>	<b>\$19,400</b>	<b>\$3,200</b>
Importance Code A	\$59,300	\$1,100	\$2,500	\$1,100
Importance Code B	\$26,300	\$1,200	\$16,900	\$2,200
Importance Code C	\$300			
<b>Total</b>	<b>\$85,800</b>	<b>\$2,200</b>	<b>\$19,400</b>	<b>\$3,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK NORTH MEADOW REC. CENTER - 198**

**Asset # : 1111**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$10,000	
Masonry: Brick	30%	Now	\$20,200	LIFE	**	5	\$6,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Central Breezway</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Central Breezway, East Wall</i>								
Masonry: Fieldstone	50%	0-2	\$55,500	LIFE	**	5	\$7,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Wing Chimney</i>								
Wood	10%	0-2	\$35,100	2032	**	5	\$5,000	
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Base Trim</i>								
<b>Windows</b>								
Wood	100%	0-2	\$16,800	2035	**	5	\$26,900	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Wood Cornice	100%			2037	**	5-10		
<b>Roof</b>								
Copper/Terne	3%			2042	**	10	\$1,400	
Slate	97%	Now	\$86,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$3,400	
Ceramic Tile	15%			2030	**	5	\$2,300	
Quarry Tile	20%			2032	**	5	\$4,600	
Vinyl Tile	55%			2035	**	3	\$4,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : East And West Reception Halls And Parks Offices</i>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2030	**	5	\$600	
Gypsum Board	40%			LIFE	**	5	\$3,000	
Plaster	20%			LIFE	**	5	\$700	
SGFT/Glazed Masonry	30%			LIFE	**			
Wood	5%			LIFE	**	5	\$2,500	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK NORTH MEADOW REC. CENTER - 198**

**Asset # : 1111**

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

## Interior

## Ceilings

Exposed Struc: Wood	50%			LIFE	**			
Plaster	40%			LIFE	**	5	\$3,900	
Plaster	10%	Now	\$22,600	LIFE	**	5	\$1,000	

*Loose/Delam Surface, Extent : Severe, Area Affected : 25%*

*Location : Breezeway Between East And West Wings*

*Water Penetration, Extent : Severe, Area Affected : 15%*

*Location : Breezeway, Reception Room In West Wing*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2047	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 400 Ampere Main Disconnect Switch*

## Transformers

Dry Type	100%			2040	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Outside*

*Explanation : One 150 Kva 480pri-208/120sec*

## Switchgear / Switchboard

Fused Disc Sw	100%			2047	**	5		
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## Raceway

Conduit	80%			2047	**	1		
Conduit	20%			2027	\$4,900	1		

## Panelboards

Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	75%			2043	**	5	\$200	
Molded Case Bkrs	20%			2026	\$6,700	5	\$100	

## Wiring

Thermoplastic	80%			2047	**	1		
Thermoplastic	20%			2027	\$5,400	1		

## Motor Controllers

Locally Mounted	100%			2025	\$50,400	5	\$100	
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## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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## Lighting

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK NORTH MEADOW REC. CENTER - 198**

**Asset # : 1111**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2032	**	10	\$8,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Lamps T-8 And CFL</i>								
Fluorescent	5%			2027	\$1,300	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2027	\$1,300	10	\$500	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<b>Egress Lighting</b>								
Emergency, Service	50%			2027	\$2,900	1		
Exit, Service	50%			2027	\$1,600	1		
<b>Exterior Lighting</b>								
HID	100%			2027	\$44,600	10		
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2032	**	1	\$1,200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Fuel Oil No 2	100%			2047	**	5	\$3,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Under Ground In Yard Next To Boiler Room Entrance</i>								
<i>Explanation : (2) 1,000 Gallon Tanks</i>								
Conversion Equipment Steam Boiler	30%	Now	\$21,500	2047	**	1	\$2,800	
<i>Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Both Boiler Rooms, 1 Of 2 Damaged Boiler Fire Box Casing</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Room Under Administration Office</i>								
<i>Explanation : 2 Boiler Rooms, 1 Boiler In Each. 1 Room Not In Service</i>								
Steam Boiler	70%			2032	**	1	\$7,400	
<b>Distribution</b>								
Central Plant Steam Piping/Pmp	100%			2037	**	4	\$800	
<b>Terminal Devices</b>								
Air Handler	50%			2027	\$77,800	1	\$3,300	
Convactor/Radiator	30%			2032	**	1	\$1,000	
Fan Coil Unit/Heat	20%			2027	\$33,200	1	\$700	

**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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK NORTH MEADOW REC. CENTER - 198**

**Asset # : 1111**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2043	**	1	
Conversion Equipment								
	Interior Pkg Unit - Cooling	50%			2025	\$207,000	2	\$300
	Exterior Pkg Unit - Cooling	40%			2027	\$35,900	2	\$300
	Window/Wall Unit	10%			2022	\$2,300	1	
Terminal Devices								
	Fan Coil - 2 Pipe	40%			2032	**	1	\$1,400
	No Component	60%						
Heat Rejection								
	Dry Cooler	40%			2032	**	2	\$3,000
	No Component	60%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	50%			LIFE	**	2-5	\$3,000
	No Component	50%						
Exhaust Fans								
	Interior	10%			2032	**	2	
	Roof	10%			2027	\$1,800	2	
	No Component	80%						
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%			2032	**	1	
Water Heater								
	Electric	100%			2026	\$9,800	4	\$100
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Non-Submersible	100%			2027	\$1,700	4	\$200
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK TAVERN ON THE GREEN - 045  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 66TH ST. AND CPW  
**Borough** : MANHATTAN **Agency's Number** : M010-045  
**Program / Asset #** : PAR0018.075 / 1091 **Yr Built/Renovated** : 1870 / 2014  
**Area Sq Ft** : 39,110 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$92,400	
<b>Total</b>	<b>\$92,400</b>	
Importance Code A	\$92,400	
<b>Total</b>	<b>\$92,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$27,900			
Interior Architecture	\$2,900		\$6,500	
Electrical	\$2,600	\$2,700	\$5,000	\$2,700
Mechanical	\$3,000	\$4,100	\$3,500	\$4,200
<b>Total</b>	<b>\$36,400</b>	<b>\$6,800</b>	<b>\$15,100</b>	<b>\$6,900</b>
Importance Code A	\$29,100	\$1,200	\$1,700	\$1,200
Importance Code B	\$6,600	\$5,600	\$13,400	\$5,700
Importance Code C	\$700			
<b>Total</b>	<b>\$36,400</b>	<b>\$6,800</b>	<b>\$15,100</b>	<b>\$6,900</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TAVERN ON THE GREEN - 045**

**Asset # : 1091**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$92,400	LIFE	**	5	\$18,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2015 Restoration Of Entire Exterior Shell, Roof And Windows</i>								
<i>Water Penetration, Extent : Light, Area Affected : 15%</i>								
<i>Location : Foundation Walls</i>								
Masonry: Granite	10%			LIFE	**	5	\$1,800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%			LIFE	**	5	\$900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal/Glass Curt Wall	10%	0-2	\$24,500	LIFE	**	5	\$4,500	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Dining Room Doors To Courtyard Overlooking Park</i>								
Windows								
Wood	8%			2049	**	5	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Actually Louvers</i>								
Wood	92%			2049	**	5	\$34,300	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$800	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Parapets</i>								
Masonry: Brick	95%			LIFE	**	5	\$2,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Parapets</i>								
Roof								
Metal Panel	5%			2040	**	10	\$3,200	
Roll Roofing	5%	Now	\$200	2028	\$8,100	5	\$1,500	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Dining Room</i>								
Slate	85%			LIFE	**			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Roofs</i>								
Sloped Glazing	5%			LIFE	**	5	\$23,600	

Interior

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TAVERN ON THE GREEN - 045**

**Asset # : 1091**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$3,800	
Ceramic Tile	20%			2040	**	5	\$3,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Interior Spaces</i>								
<i>Explanation : 2015 Restoration Or Upgrade</i>								
Ceramic Tile	5%			2040	**	5	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entry Foyer</i>								
<i>Explanation : Restoration Of Original Floor</i>								
Granite Panels	25%			LIFE	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dining / Kitchen Area</i>								
<i>Explanation : Actually Limestone Pavers</i>								
Wood	40%			2062	**	5	\$13,100	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dining Areas</i>								
<b>Interior Walls</b>								
Ceramic Tile	15%			2040	**	5	\$1,500	
Gypsum Board	15%			LIFE	**	5	\$900	
Plaster	55%			LIFE	**	5	\$1,600	
Wood	15%			LIFE	**	5	\$5,800	
<b>Ceilings</b>								
Exposed Struc: Steel	10%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Areas</i>								
<i>Explanation : Metal Decking</i>								
Exposed Struc: Wood	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dining Areas</i>								
<i>Explanation : Exposed Structural Beams And Latticed Decorative Vault</i>								
Gypsum Board	10%			LIFE	**	5	\$2,200	
Plaster	30%			LIFE	**	5	\$3,300	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2057	**	5	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1600 A Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2057	**	5	\$1,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TAVERN ON THE GREEN - 045**

**Asset # : 1091**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2057	**	1		
Panelboards								
Fused Disc Sw	5%			2052	**	5		
Molded Case Bkrs	95%			2052	**	5	\$1,000	
Wiring								
Thermoplastic	100%			2057	**	1		
Motor Controllers								
Locally Mounted	20%			2047	**	5	\$100	
Variable Frequency Drive	80%			2047	**			
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	5%			2037	**	10	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	2%			2037	**	10	\$200	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Bath Room</i>						
Incandescent	78%			2037	**	2	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Chandellier, Trac Lights And Dercorative Lightings</i>						
LED	15%			2037	**			
Egress Lighting								
Emergency, Battery	50%			2037	**	10	\$1,400	
Exit, LED	45%			2067	**	1		
Exit, Service	5%			2037	**	1		
Exterior Lighting								
HID	100%			2032	**	10	\$100	
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2035	**	1	\$4,400	
Fire/Smoke Detection								
Generic, Digital	100%			2037	**	1-3	\$24,100	

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

Heating

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TAVERN ON THE GREEN - 045**

**Asset # : 1091**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>									
Energy Source									
Electricity									
		40%			2053	* *	1		
<i>Other Observation, Extent : Light, Area Affected : 40%</i>									
<i>Location : Supply Duct Of Air Conditioning Unit</i>									
<i>Explanation : Electric Duct Heater</i>									
Natural Gas									
		60%			2053	* *	1		
<b>Conversion Equipment</b>									
Steam Boiler									
		100%			2047	* *	1	\$11,500	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Boiler Room</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Boiler Room</i>									
<i>Explanation : 2 Boilers</i>									
<b>Distribution</b>									
Central Plant Steam Piping/Pmp									
		100%			2057	* *	4	\$900	
<b>Terminal Devices</b>									
Air Handler									
		60%			2037	* *	1	\$4,300	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Mechanical Room</i>									
No Component									
		40%							
<b>Air Conditioning</b>									
Energy Source									
Electricity									
		100%			2035	* *	1		
<b>Terminal Devices</b>									
Air Handler/Cool/Ht									
		90%			2037	* *	1	\$6,500	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Mechanical Room</i>									
Fan Coil - 2 Pipe									
		10%			2032	* *	1	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Adjacent To Building</i>									
<i>Explanation : Split Unit With Electric Duct Heater</i>									
<b>Heat Rejection</b>									
Air Cooled Condenser Unit									
		40%			2035	* *	2	\$3,200	
No Component									
		60%							
<b>Ventilation</b>									
<b>Distribution</b>									
Ductwork/Diffusers									
		100%			LIFE	* *	2-5	\$6,500	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TAVERN ON THE GREEN - 045**

**Asset # : 1091**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Ventilation</b>								
	Exhaust Fans							
	Interior	40%			2035	**	2	\$100
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Fan Room</i>					
			<i>Explanation : Toilet Exhaust Fans</i>					
	Roof	60%			2027	\$12,100	2	\$200
			<i>Other Observation, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Assumed To Be Abandoned</i>					
			<i>Explanation : Equipment Served Unoccupied Space. No Access To Check.</i>					
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	40%			2053	**	1	
	Galvanized Steel	60%			2032	**	1	
	Water Heater							
	Gas Fired	100%			2027	\$7,400	2	\$200
			<i>Recent Installation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
	HW Heat Exchanger							
	Steam Fired	60%			2053	**	4	\$1,000
	No Component	40%						
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Non-Submersible	100%			2035	**	4	\$800
	Fixtures							
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators							
	Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st To 2nd Floor</i>					
			<i>Explanation : Fried Elevator</i>					
<b>Fire Suppression</b>								
	Sprinkler							
	No Component	60%						
	Generic	40%			2053	**	1-2	\$1,300
	Chemical System							
	Generic	100%			2026	\$29,100	1-3	\$4,000

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 94TH ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-192  
**Program / Asset #** : PAR0018.097 / 2733 **Yr Built/Renovated** : 1932 / 2013  
**Area Sq Ft** : 10,256 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$246,100	
Interior Architecture	\$111,300	
Electrical		\$43,100
Mechanical		\$38,000
<b>Total</b>	<b>\$357,400</b>	<b>\$81,100</b>
Importance Code A	\$246,100	
Importance Code B	\$111,300	\$81,100
<b>Total</b>	<b>\$357,400</b>	<b>\$81,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$29,600			
Interior Architecture	\$38,900			
Electrical	\$100		\$200	
Mechanical	\$1,400	\$2,200	\$5,500	\$1,500
<b>Total</b>	<b>\$70,100</b>	<b>\$2,200</b>	<b>\$5,700</b>	<b>\$1,500</b>
Importance Code A	\$30,700	\$1,000	\$1,200	\$1,000
Importance Code B	\$15,500	\$1,200	\$4,600	\$500
Importance Code C	\$23,900			
<b>Total</b>	<b>\$70,100</b>	<b>\$2,200</b>	<b>\$5,700</b>	<b>\$1,500</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**

**Asset # : 2733**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%	0-2	\$11,800	LIFE	**	5	\$9,400	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stairs To Basement</i>								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$14,700	
Masonry: Brick	80%	Now	\$152,100	LIFE	**	5	\$15,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Sizeable Cracks And Open Seams In Stucco - Main Facade</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stucco Over Brick</i>								
<b>Windows</b>								
Wood	100%	Now	\$94,000	2052	**	5	\$11,200	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								
<b>Parapets</b>								
Cast Stone/Terra Cotta	100%	Now	\$17,800	LIFE	**	5	\$9,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping Stones</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Cast in Place Concrete	15%			LIFE	**			
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Over Basement</i>								
Metal Panel	75%			2044	**	10	\$18,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Plaza Roof: Stone Panels	10%			2037	**			

**Interior**

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**  
**Asset # : 2733**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	50%	2-4	\$4,500	LIFE	**	5	\$17,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout Basement</i>								
Mosaic Tile	20%			2040	**	5	\$7,800	
Slate	20%			LIFE	**	5	\$3,300	
Wood	10%			2055	**	5	\$2,900	
<b>Interior Walls</b>								
Cast in Place Concrete	25%	0-2	\$23,400	LIFE	**			
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Basement</i>								
Ceramic Tile	15%			2030	**	5	\$1,000	
Plaster	55%			LIFE	**	5	\$1,100	
Wood	5%			LIFE	**	5	\$1,300	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2044	**	5	\$800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Tennis Shop</i>								
Exposed Concrete	50%	Now	\$111,300	LIFE	**	5	\$1,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement And Canopy Over Rear Deck</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement And Canopy Over Rear Deck</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Plaster	45%	0-2	\$5,100	LIFE	**	5	\$4,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Bathrooms</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Bathrooms</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2037	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 225 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2037	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2035	**	5		
Molded Case Bkrs	95%			2035	**	5	\$300	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**

**Asset # : 2733**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	30%			2027	\$7,600	10	\$2,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	70%			2037	**	10	\$6,600	
Exterior Lighting								
HID	100%			2027	\$43,100	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2037	**	5	\$3,200	
		<i>Buried Tank(s), Extent : Light, Area Affected : 100%</i>						
		<i>Location : Yard</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Yard</i>						
		<i>Explanation : (1) 1,500 Gallon Tank</i>						
Conversion Equipment								
Steam Boiler	100%			2032	**	1	\$10,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : (1) #2 Oil Burning Steam Boiler</i>						
Distribution								
Central Plant Steam Piping/Pmp	100%			2037	**	4	\$800	
Terminal Devices								
Convactor/Radiator	100%			2032	**	1	\$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,700	
Exhaust Fans								
Interior	100%			2027	\$38,000	2	\$300	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**

**Asset # : 2733**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping Brass/Copper	100%			2037	**	1	
	HW Heat Exchanger Steam Fired	100%			2037	**	4	\$1,500
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : Heat Exchanger On Boiler</i>							
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Sump Pump(s) Non-Submersible	100%			2022	\$1,600	4	\$200
	Backflow Preventer Generic	100%			2037	**	1	\$600
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Backflow Preventor Serves Irrigation System</i>							
	<b>Fixtures</b> Generic	100%						

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - COLONNADE  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A011  
**Program / Asset #** : PAR0018.211 / 2732 **Yr Built/Renovated** : 1989 / 2012  
**Area Sq Ft** : 17,968 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$197,200	\$201,900
Interior Architecture	\$56,600	
Electrical	\$64,100	
<b>Total</b>	<b>\$318,000</b>	<b>\$201,900</b>
Importance Code A	\$197,200	\$201,900
Importance Code B	\$120,700	
<b>Total</b>	<b>\$318,000</b>	<b>\$201,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				
Interior Architecture				
Electrical				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - COLONNADE**  
**Asset # : 2732**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	90%			LIFE	**	5	\$19,300	
Masonry: Granite	10%			LIFE	**	5	\$1,600	
<b>Roof</b>								
Sloped Glazing	100%	0-2	\$197,200	LIFE	**	5	\$201,900	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<b>Interior</b>								
Floors								
Paver: Asphalt	100%	0-2	\$56,600	2036	**	5	\$20,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Struc: Wood	100%			LIFE	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2027	\$34,900	1		
Wiring								
Thermoplastic	100%			2027	\$30,900	1		
<b>Lighting</b>								
Exterior Lighting								
Incandescent	100%			2022	\$64,100	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.

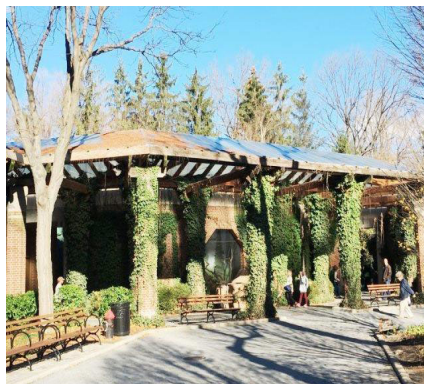
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - GRIZZLY BEAR BUILDING  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A006  
**Program / Asset #** : PAR0018.206 / 1073 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 2,100 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Mechanical		\$38,800
<b>Total</b>		<b>\$38,800</b>
Importance Code A		\$38,800
<b>Total</b>		<b>\$38,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				
Interior Architecture	\$200			
Electrical			\$33,200	
Mechanical	\$700	\$400	\$600	\$300
<b>Total</b>	<b>\$900</b>	<b>\$400</b>	<b>\$33,800</b>	<b>\$300</b>
Importance Code A		\$200		\$200
Importance Code B	\$900	\$200	\$33,800	\$100
Importance Code C				
<b>Total</b>	<b>\$900</b>	<b>\$400</b>	<b>\$33,800</b>	<b>\$300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - GRIZZLY BEAR BUILDING**

**Asset # : 1073**

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

**Exterior**

**Exterior Walls**

Glass: Special Gauge	12%			LIFE	**	1		
Masonry: Brick	70%			LIFE	**	5	\$2,900	
Masonry: Granite	8%			LIFE	**	5	\$200	
Masonry: Limestone	10%			LIFE	**	5	\$300	

**Windows**

Metal Louvers	100%			2030	**	10		
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**Parapets**

Cast in Place Concrete	80%			LIFE	**	5	\$3,200	
Masonry: Limestone	10%			LIFE	**	5		
Pre-Cast Concrete	10%			LIFE	**	5	\$200	

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

*Location : Roof*

*Explanation : High Walls Surround Plaza Deck*

**Roof**

Cast in Place Concrete	10%			LIFE	**			
Plaza Roof: Stone Panels	80%			2047	**			
Sloped Glazing	10%			LIFE	**	5	\$6,600	

**Interior**

**Floors**

Cast in Place Concrete	25%			LIFE	**	5	\$1,900	
Ceramic Tile	10%			2030	**	5	\$300	
Slate	65%			LIFE	**	5	\$2,400	

**Interior Walls**

Cast in Place Concrete	70%			LIFE	**			
Concrete Masonry Unit	30%			LIFE	**	5	\$500	

**Ceilings**

Exposed Concrete	25%			LIFE	**	5	\$100	
Gypsum Board	20%			LIFE	**	5	\$400	
Plaster	55%			LIFE	**	5	\$500	

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2027	\$1,600	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Three 60 Ampere Main Disconnect Switch*

**Transformers**

Dry Type	100%			2025	\$17,600	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 15 Kva 480hv-208/120lv*

*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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - GRIZZLY BEAR BUILDING**

**Asset # : 1073**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	100%			2027	\$34,900	1		
Panelboards								
Fused Disc Sw	10%			2026	\$1,700	5		
Molded Case Bkrs	90%			2026	\$15,000	5	\$100	
Wiring								
Thermoplastic	100%			2027	\$30,900	1		
Motor Controllers								
Locally Mounted	100%			2025	\$16,800	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
Lighting								
Interior Lighting								
Fluorescent	50%			2022	\$11,700	10	\$1,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Incandescent	50%			2022	\$11,700	2		
Exterior Lighting								
HID	100%			2022	\$8,800	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Utility Steam	100%			2047	**	1		
Conversion Equipment								
Radiant Heater	100%			2027	\$38,800	2	\$1,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Various Areas</i>						
		<i>Explanation : Steam Unit Heaters</i>						
Distribution								
Central Plant Steam Piping/Pmp	100%			2037	**	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	**	1	\$1,000	
Terminal Devices								
Air Handler/Dir Expansion	100%			2032	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - GRIZZLY BEAR BUILDING**

**Asset # : 1073**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Air Conditioning	Heat Rejection							
	Air Cooled Condenser Unit	100%		2032	**	2	\$1,500	
Ventilation	Distribution							
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$1,200	
	Exhaust Fans							
	Interior	100%		2032	**	2	\$100	
Plumbing	H/C Water Piping							
	Galvanized Steel	100%		2040	**	1		
	Water Heater							
	Electric	100%		2025	\$1,900	4		
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	**	1		
	Sump Pump(s)							
	Non-Submersible	100%		2027	\$300	4		
	Pool Filter/Treatment							
	Sand	100%		2040	**	4	\$800	
	Backflow Preventer							
	Generic	100%		2032	**	1	\$100	
	Fixtures							
	Generic	100%						

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - PENGUIN BUILDING  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A007  
**Program / Asset #** : PAR0018.207 / 1074 **Yr Built/Renovated** : 1989 / 2007  
**Area Sq Ft** : 6,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 1111 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$74,600	
<b>Total</b>	<b>\$74,600</b>	
Importance Code A	\$74,600	
<b>Total</b>	<b>\$74,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$4,700			
Interior Architecture	\$1,100		\$800	\$26,500
Electrical		\$100	\$91,900	
Mechanical	\$1,800	\$400	\$1,500	\$200
<b>Total</b>	<b>\$7,600</b>	<b>\$400</b>	<b>\$94,200</b>	<b>\$26,800</b>
Importance Code A	\$4,700	\$100		\$100
Importance Code B	\$2,900	\$400	\$94,200	\$26,700
Importance Code C				
<b>Total</b>	<b>\$7,600</b>	<b>\$400</b>	<b>\$94,200</b>	<b>\$26,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - PENGUIN BUILDING**  
**Asset # : 1074**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass: Special Gauge	5%			LIFE	**	1		
Masonry: Brick	85%			LIFE	**	5	\$9,300	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : East And South Facades</i>								
Masonry: Granite	5%			LIFE	**	5	\$400	
Masonry: Limestone	5%			LIFE	**	5	\$400	
Windows								
Metal Louvers	100%			2030	**	10	\$4,700	
Parapets								
Concrete Masonry Unit	45%			LIFE	**	5	\$1,300	
Masonry: Limestone	25%			LIFE	**	5	\$800	
Pre-Cast Concrete	30%			LIFE	**	5	\$5,000	
Roof								
Single Ply Membrane	50%	Now	\$74,600	2037	**			
<i>Blisters, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	3%			2037	**	10	\$800	
Slate	47%			LIFE	**			
Interior								
Floors								
Carpet	20%			2023	\$25,600	3	\$3,600	
Cast in Place Concrete	70%			LIFE	**	5	\$13,800	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Through Mechanical And Lab Areas</i>								
<i>Explanation : Epoxy Coating</i>								
Ceramic Tile	5%			2030	**	5	\$500	
Quarry Tile	5%			2032	**	5	\$700	
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			
Concrete Masonry Unit	55%			LIFE	**	5	\$3,700	
Glass: Special Gauge	20%			LIFE	**	1		
Gypsum Board	10%			LIFE	**	5	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exhibit Space</i>								
<i>Explanation : Fiber Board Or Homasote Walls With Fabric Covering</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2032	**	5	\$900	
Exposed Concrete	25%			LIFE	**	5	\$400	
Exposed Struc: Steel	10%			LIFE	**			
Plaster	55%			LIFE	**	5	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - PENGUIN BUILDING**  
**Asset # : 1074**

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$1,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 5000 Ampere And One 3000 Ampere Main Disconnect Switch Feeding All The Zoo Area</i>								
Transformers								
Dry Type	100%			2025	\$17,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1500 Kva 480/265hv-208lv And Three 75 Kva 480hv-208/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	85%			2027	\$30,600	5		
Fused Disc Sw	5%			2047	**	5		
Molded Case Bkrs	10%			2047	**	5		
Raceway								
Conduit	80%			2027	\$27,900	1		
Conduit	20%			2047	**	1		
Panelboards								
Fused Disc Sw	5%			2026	\$800	5		
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	70%			2026	\$11,600	5	\$100	
Molded Case Bkrs	20%			2043	**	5		
Wiring								
Thermoplastic	80%			2027	\$24,700	1		
Thermoplastic	20%			2047	**	1		
Motor Controllers								
Locally Mounted	80%			2025	\$13,500	5		
Locally Mounted	20%			2040	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	45%			2022	\$30,100	10	\$2,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	5%			2035	**	10	\$300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Filter Room</i>								
Incandescent	50%			2022	\$33,400	2	\$100	
Egress Lighting								
Emergency, Battery	50%			2022	\$4,500	10	\$700	
Exit, Service	50%			2022	\$500	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - PENGUIN BUILDING**  
**Asset # : 1074**

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

## Lighting

Exterior Lighting								
HID	80%			2022	\$20,200	10		
Incandescent	20%			2032	**	2		

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

## Heating

Energy Source								
Electricity	100%			2047	**	1		
Conversion Equipment								
Radiant Heater	10%			2027	\$11,100	2	\$300	
No Component	90%							

## Air Conditioning

Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%			2032	**	1	\$1,400	
Exterior Pkg Unit - Cooling	50%			2037	**	2	\$200	
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2057	**	4	\$400	
Heat Rejection								
Dry Cooler	100%			2032	**	2	\$4,200	

## Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,300	
Exhaust Fans								
Interior	50%			2032	**	2	\$100	
Roof	50%			2032	**	2	\$100	

## Plumbing

H/C Water Piping								
Galvanized Steel	100%			2040	**	1		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Pool Filter/Treatment								
Sand	100%			2032	**	4	\$2,200	
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - RECEIVING AREA/HOSP  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A004  
**Program / Asset #** : PAR0018.204 / 1090 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 3,150 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$72,600	
Electrical	\$81,400	
<b>Total</b>	<b>\$154,000</b>	
Importance Code A	\$72,600	
Importance Code B	\$81,400	
<b>Total</b>	<b>\$154,000</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$80,700			
Interior Architecture	\$5,000	\$300		\$100
Electrical	\$2,000	\$300	\$25,600	\$200
Mechanical	\$1,700	\$400	\$600	\$400
<b>Total</b>	<b>\$89,500</b>	<b>\$1,000</b>	<b>\$26,200</b>	<b>\$700</b>
Importance Code A	\$80,900	\$100	\$100	\$100
Importance Code B	\$8,600	\$500	\$26,100	\$600
Importance Code C		\$300		
<b>Total</b>	<b>\$89,500</b>	<b>\$1,000</b>	<b>\$26,200</b>	<b>\$700</b>



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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**

**Asset # : 1090**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$35,600	LIFE	**	5	\$10,600	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Garage Doors</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above Garage Doors</i>								
Wood Overhead Doors	10%	0-2	\$8,300	2032	**	5	\$2,900	
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	35%			2035	**	5	\$200	
Steel	65%	Now	\$21,500	2052	**	5	\$2,300	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	20%			LIFE	**	5	\$1,700	
Pre-Cast Concrete	25%	4+	\$8,400	LIFE	**	5	\$13,300	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Coping Stones</i>								
No Component	55%							

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	10%	Now	\$14,800	2037		**		
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Office</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Office</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Restroom</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Over Office</i>								
Modified Bitumen	25%	Now	\$36,900	2037		**		
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Receiving</i>								
<i>Ponding, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Over Receiving</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Receiving</i>								
Slate	50%	Now	\$27,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Facade Facing Parking Lot</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Sloped Glazing	15%			LIFE		**	5	\$19,600
Interior								
Floors								
Cast in Place Concrete	25%			LIFE		**	5	\$1,900
Ceramic Tile	30%			2030		**	5	\$1,100
Quarry Tile	30%			2040		**	5	\$1,600
Vinyl Tile	15%	4+	\$500	2027	\$5,000	**	3	\$200
<i>Loose Units, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Offices</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Mechanical Areas</i>								
Interior Walls								
Ceramic Tile	5%			2036		**	5	\$700
Concrete Masonry Unit	25%			LIFE		**	5	\$1,300
Masonry: Brick	60%			LIFE		**		
Plaster	10%			LIFE		**	5	\$400

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileConcealSpLn	10%	4+	\$3,200	2047	**	5	\$200	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Kitchen And Animals Storage Area</i>								
Exposed Struc: Steel	10%			LIFE	**			
Exposed Struc: Wood	10%			LIFE	**			
Plaster	70%			LIFE	**	5	\$1,600	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%			2027	\$800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Shop</i>								
<i>Explanation : Two 400 Ampere Main Disconnect Switches For Shop And Receiving Area</i>								
Molded Case Bkrs	50%			2027	\$800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Hospital</i>								
<i>Explanation : Two 225 Amperes Main Disconnect Switch For Hospital</i>								
<b>Transformers</b>								
Dry Type	100%			2025	\$17,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Shop</i>								
<i>Explanation : One 25 Kva &amp; One 37.5 Kva 480hv - 208/120lv</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2027	\$27,200	5	\$100	
<b>Raceway</b>								
Conduit	100%			2027	\$4,200	1		
<b>Panelboards</b>								
Fused Disc Sw	10%			2026	\$800	5		
Molded Case Bkrs	90%			2026	\$7,500	5	\$100	
<b>Wiring</b>								
Thermoplastic	100%			2027	\$9,100	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2025	\$8,000	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5		
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2025	\$9,900	1	\$1,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Stand-by Power Generators Diesel	100%			2023	\$81,400	1	\$1,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Two-100 Kw Feed Emergency Service To Tropical And Penguin Building</i>								
Batteries Lead/Acid	100%			2020	\$1,700	5	\$100	
Fuel Storage Main Tank	100%			2030	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Two 80 Gallons</i>								
Lighting Interior Lighting Fluorescent	100%			2022	\$7,700	10	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Egress Lighting Emergency, Service	70%			2022	\$1,200	1		
Exit, Service	30%			2022	\$300	1		
Exterior Lighting HID	100%			2022	\$13,200	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating Energy Source Plant Campus Steam / PRV	100%			2047	**	1		
Conversion Equipment Heat Exchanger, Plate & Frame	60%			2030	**	1	\$900	
Pres. Reducing Valve/LP Steam	40%			2030	**	5	\$100	
Distribution Hot Wtr Piping/Pump	60%	Now	\$200	2035	**	4	\$100	
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Central Plant Steam Piping/Pmp	40%	Now	\$1,100	2037	**	4	\$100	
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**

**Asset # : 1090**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
	Terminal Devices							
	Air Handler	40%		2027	\$18,500	1	\$800	
	Convactor/Radiator	20%		2032	**	1	\$200	
	Fan Coil Unit/Heat	40%		2027	\$19,700	1	\$400	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2043	**	1		
	Conversion Equipment							
	Reciprocating Compr/Chiller	100%		2027	\$27,900	1	\$1,500	
<b>Ventilation</b>								
	Distribution							
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$1,800	
	Exhaust Fans							
	Roof	100%		2032	**	2	\$100	
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%		2032	**	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.*

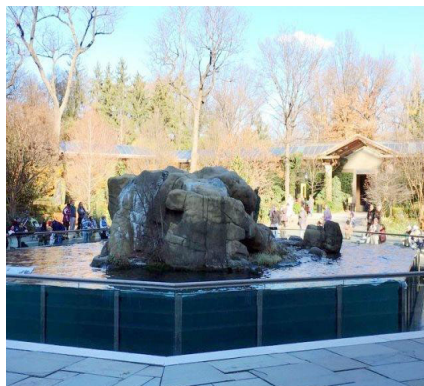
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - SEA LION  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A001  
**Program / Asset #** : PAR0018.201 / 1088 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 5,250 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Interior Architecture	\$94,400	
<b>Total</b>	<b>\$94,400</b>	
Importance Code B	\$94,400	
<b>Total</b>	<b>\$94,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$3,300			
Interior Architecture				
Mechanical	\$700			
<b>Total</b>	<b>\$4,000</b>			
Importance Code A	\$3,300			
Importance Code B	\$700			
<b>Total</b>	<b>\$4,000</b>			



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - SEA LION**  
**Asset # : 1088**

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

## Exterior

## Exterior Walls

Glass: Special Gauge	90%			LIFE	**	1		
Metal Panel	10%	2-4	\$3,300	2047	**	5	\$2,300	

*Corrosion/Rusting, Extent : Moderate, Area Affected : 20%*

*Location : At Uprights*

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

*Location : Uprights Holding Glass Plates*

*Explanation : Structural Aluminum Columns*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$94,400	LIFE	**	5	\$17,800	
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*Other Observation, Extent : Moderate, Area Affected : 30%*

*Location : Base Of Tank*

*Explanation : Heaving From Ground Water Pressure*

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

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2040	**	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE	**	1		
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## Pool Filter/Treatment

Sand	100%			2032	**	4	\$2,000	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Grigly House*

*Explanation : Filter System Remotely Located*

Note : 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - STAFF FACILITY AND CAFE.  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A003  
**Program / Asset #** : PAR0018.203 / 1089 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 6,100 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$41,300	
Interior Architecture		\$45,000
Electrical	\$23,800	
Mechanical		\$53,600
<b>Total</b>	<b>\$65,100</b>	<b>\$98,700</b>
Importance Code A	\$41,300	
Importance Code B	\$23,800	\$98,700
<b>Total</b>	<b>\$65,100</b>	<b>\$98,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$23,900		\$5,100	
Interior Architecture	\$20,300	\$1,100	\$300	\$600
Electrical	\$100	\$200	\$32,500	\$100
Mechanical	\$2,300	\$1,300	\$3,000	\$1,800
<b>Total</b>	<b>\$46,600</b>	<b>\$2,600</b>	<b>\$40,900</b>	<b>\$2,500</b>
Importance Code A	\$24,200	\$200	\$5,300	\$200
Importance Code B	\$22,400	\$2,200	\$35,600	\$2,300
Importance Code C		\$200		
<b>Total</b>	<b>\$46,600</b>	<b>\$2,600</b>	<b>\$40,900</b>	<b>\$2,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - STAFF FACILITY AND CAFE.**

**Asset # : 1089**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%	2-4	\$18,300	LIFE	**	5	\$5,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
Masonry: Limestone	5%			LIFE	**	5	\$400	
Window Wall	25%			2037	**	5	\$10,200	
Wood	15%			2040	**	5	\$8,200	
Wood Overhead Doors	5%			2044	**	5	\$2,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Facade</i>								
Windows								
Aluminum	80%			2035	**	5	\$900	
Metal Louvers	5%			2036	**	10	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic Vents</i>								
<i>Explanation : Actually Wood Louvers</i>								
Steel	15%			2035	**	5	\$2,100	
Roof								
Slate	100%	Now	\$41,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : West Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$5,200	
Ceramic Tile	15%			2036	**	5	\$1,800	
Quarry Tile	25%			2040	**	5	\$4,500	
Vinyl Tile	40%	0-2	\$18,000	2027	\$45,000	3	\$1,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Rooms, Maintenance Shop, Offices</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Cafeteria</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Rooms, Maintenance Shop, Offices</i>								
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$300	
Glass: Single Pane	3%			LIFE	**	5	\$200	
Gypsum Board	15%			LIFE	**	5	\$600	
Masonry: Brick	27%			LIFE	**			
Plaster	40%			LIFE	**	5	\$800	
SGFT/Glazed Masonry	10%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - STAFF FACILITY AND CAFE.**

**Asset # : 1089**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
Ceilings								
AcousTileConcealSpLn	5%			2032	**	5	\$700	
Exposed Struc: Wood	35%			LIFE	**			
Plaster	60%			LIFE	**	5	\$3,900	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2027	\$1,600	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 225 Amperes Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2027	\$34,900	1		
Panelboards								
Fused Disc Sw	10%			2026	\$1,700	5		
Molded Case Bkrs	90%			2026	\$15,000	5	\$100	
Wiring								
Thermoplastic	100%			2027	\$30,900	1		
Motor Controllers								
Locally Mounted	100%			2025	\$16,800	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	35%			2022	\$23,800	10	\$2,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	65%			2032	**	10	\$3,600	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$700	
Exit, LED	20%			2055	**	1		
Exit, Service	30%			2022	\$300	1		
Exterior Lighting								
HID	100%			2022	\$25,600	10		
<b>Alarm</b>								
Security System								
No Component	50%							
Generic	50%			2032	**	1	\$1,100	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - STAFF FACILITY AND CAFE.**

**Asset # : 1089**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Utility Steam	100%			2047	**	1		
Conversion Equipment								
Heat Exchanger, Plate & Frame	50%			2030	**	1	\$1,500	
Pres. Reducing Valve/LP Steam	50%			2030	**	5	\$200	
Distribution								
Hot Wtr Piping/Pump	80%			2035	**	4	\$200	
Central Plant Steam Piping/Pmp	20%			2037	**	4	\$100	
Terminal Devices								
Air Handler	60%			2027	\$53,600	1	\$2,300	
Convactor/Radiator	40%			2032	**	1	\$800	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	60%			2037	**	1	\$1,700	
Exterior Pkg Unit - Cooling	40%			2032	**	2	\$200	
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2047	**	4	\$200	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2035	**	1	\$3,800	
Heat Rejection								
Air Cooled Condenser Unit	50%			2032	**	2	\$2,100	
Dry Cooler	50%			2032	**	2	\$2,100	
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,400	
Exhaust Fans								
Interior	100%			2032	**	2	\$200	
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%			2040	**	1		
HW Heat Exchanger								
Steam Fired	100%			2047	**	4	\$600	
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.



**DEPT. OF PARKS & RECREATION - 846  
CENTRAL PARK ZOO - STAFF FACILITY AND CAFE.**

**Asset # : 1089**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Fixtures							
	Generic	100%						
Fire Suppression	Chemical System							
	Generic	100%			2025	\$29,100	1-3	\$3,700

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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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ZOO - TROPICAL BUILDING  
**Address** : 64TH STREET AND FIFTH AVENUE E. 65TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-A005  
**Program / Asset #** : PAR0018.205 / 1072 **Yr Built/Renovated** : 1989 / 2012  
**Area Sq Ft** : 10,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$69,200
Interior Architecture	\$98,700	\$57,300
Electrical	\$141,700	\$36,000
Mechanical		\$166,700
<b>Total</b>	<b>\$240,400</b>	<b>\$329,100</b>
Importance Code A		\$69,200
Importance Code B	\$240,400	\$202,700
Importance Code C		\$57,300
<b>Total</b>	<b>\$240,400</b>	<b>\$329,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$2,800		\$1,200	
Interior Architecture	\$31,800		\$1,600	
Electrical	\$600	\$600	\$43,000	\$600
Mechanical	\$1,400	\$1,700	\$2,000	\$1,500
<b>Total</b>	<b>\$36,600</b>	<b>\$2,300</b>	<b>\$47,800</b>	<b>\$2,000</b>
Importance Code A	\$3,300	\$500	\$1,900	\$500
Importance Code B	\$33,300	\$1,800	\$45,900	\$1,500
Importance Code C				
<b>Total</b>	<b>\$36,600</b>	<b>\$2,300</b>	<b>\$47,800</b>	<b>\$2,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - TROPICAL BUILDING**  
**Asset # : 1072**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Glass: Special Gauge	5%			LIFE	**	1		
Masonry: Brick	85%			LIFE	**	5	\$16,000	
Masonry: Granite	5%			LIFE	**	5	\$700	
Masonry: Limestone	5%			LIFE	**	5	\$700	
Windows								
Aluminum	90%			2035	**	5	\$2,300	
Metal Louvers	10%			2030	**	10	\$1,600	
Roof								
Metal Panel	5%			2032	**	10	\$1,200	
Slate	45%			LIFE	**			
Sloped Glazing	40%			LIFE	**	5	\$69,200	
Not Accessible	10%							
<b>Interior</b>								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$5,500	
Ceramic Tile	5%			2030	**	5	\$800	
Wood	80%	2-4	\$98,700	2042	**	5	\$12,600	
<i>Uneven Surface, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cupping/ Warping - 1st Floor Decking</i>								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$2,200	
Glass: Special Gauge	10%			LIFE	**	1		
Wood	65%			LIFE	**	5	\$57,300	
Ceilings								
AcousTileConcealSpLn	15%			2032	**	5	\$3,200	
Exposed Struc: Steel	15%	0-2	\$29,600	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Beam Connections At Column, West Mezzanine</i>								
Exposed Struc: Wood	40%			LIFE	**			
Metal Panel	15%			LIFE	**	5	\$3,200	
Plaster	15%	4+	\$1,800	LIFE	**	5	\$1,600	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Banding At Base Of Dome</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2027	\$1,600	5	\$300	
Transformers								
Dry Type	100%			2025	\$26,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 50 Kva 480hv-208/120lv</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - TROPICAL BUILDING**  
**Asset # : 1072**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$36,000	5	\$300	
Raceway								
Conduit	100%			2027	\$34,900	1		
Panelboards								
Fused Disc Sw	10%			2026	\$1,700	5		
Molded Case Bkrs	90%			2026	\$15,000	5	\$300	
Wiring								
Thermoplastic	100%			2027	\$30,900	1		
Motor Controllers								
Locally Mounted	100%			2025	\$33,600	5	\$100	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	40%			2022	\$48,100	10	\$4,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	40%			2022	\$48,100	10	\$4,000	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	20%			2022	\$24,100	2	\$100	
Egress Lighting								
Emergency, Battery	50%			2022	\$8,100	10	\$1,300	
Exit, Service	50%			2022	\$900	1		
Exterior Lighting								
HID	100%			2022	\$45,400	10		
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2035	**	1-3	\$4,800	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Utility Steam	100%			2037	**	1		
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2030	**	1	\$5,300	
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$500	

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - TROPICAL BUILDING**  
**Asset # : 1072**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
	Terminal Devices							
	Air Handler	80%		2027	\$126,600	1	\$5,300	
	Convactor/Radiator	20%		2032	**	1	\$700	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2043	**	1		
<b>Ventilation</b>								
	Distribution							
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$6,000	
	Exhaust Fans							
	Interior	100%		2027	\$40,100	2	\$300	
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%		2032	**	1		
	HW Heat Exchanger							
	Steam Fired	100%		2037	**	4	\$1,600	
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	**	1		
	Sewage Ejector(s)							
	Electric	100%		2032	**	4	\$600	
	Fixtures							
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators							
	Hydraulic	100%		LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st To 2nd Floor</i>							
	<i>Explanation : Fried Elevator</i>							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK - SWEDISH COTTAGE MARIONETTE THEATER  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 79TH ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.102 / 13426 **Yr Built/Renovated** : 1876 / 1998  
**Area Sq Ft** : 2,665 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1111 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Mechanical		\$103,900
<b>Total</b>		<b>\$103,900</b>
Importance Code B		\$103,900
<b>Total</b>		<b>\$103,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$31,300			
Interior Architecture	\$13,700		\$1,000	\$200
Electrical	\$200	\$100	\$2,000	\$200
Mechanical	\$400	\$700	\$1,000	\$800
<b>Total</b>	<b>\$45,500</b>	<b>\$900</b>	<b>\$3,900</b>	<b>\$1,200</b>
Importance Code A	\$31,400	\$100	\$100	\$100
Importance Code B	\$11,900	\$700	\$3,800	\$1,100
Importance Code C	\$2,200			
<b>Total</b>	<b>\$45,500</b>	<b>\$900</b>	<b>\$3,900</b>	<b>\$1,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK - SWEDISH COTTAGE MARIONETTE THEATER**  
**Asset # : 13426**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Wood	100%	Now	\$10,600	2032	**	5	\$17,800	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Staff Entry Door</i>								
<hr/>								
Windows								
Wood	50%			2035	**	5	\$4,100	
Wood	50%			2049	**	5	\$4,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor Offices</i>								
<hr/>								
Roof								
Wood Shingles	100%	Now	\$18,600	2030	**			
<i>Other Observation, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout Shaded Areas</i>								
<i>Explanation : Green Staining</i>								
<hr/>								
<b>Interior</b>								
Floors								
Carpet	50%			2028		3	\$2,900	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor Offices</i>								
<hr/>								
Ceramic Tile	5%			2030	**	5	\$200	
Vinyl Tile	35%			2032	**	3	\$700	
Vinyl Tile	10%	Now	\$3,700	2037	**	3	\$100	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Backstage Area</i>								
<hr/>								
Interior Walls								
Gypsum Board	60%	Now	\$2,200	LIFE	**	5	\$5,700	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stairwell To Second Floor</i>								
Masonry: Brick	5%			LIFE	**			
Wood	35%			LIFE	**	5	\$22,000	
<hr/>								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$2,700	2032	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor Offices</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Offices</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Second Floor Offices</i>								
<hr/>								
Exposed Struc: Wood	70%	Now	\$4,800	LIFE	**			
<i>Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stage Left</i>								
<hr/>								
Gypsum Board	5%	Now		LIFE	**	5	\$200	
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Stairwell To Second Floor</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK - SWEDISH COTTAGE MARIONETTE THEATER**  
**Asset # : 13426**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2047	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : 400 Amperes Main Disconnect Switch</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2047	**	5		
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$100	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5		
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2032	**	10	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Offices</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	40%			2032	**	10	\$1,000	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Theater Area</i>						
HID	30%			2032	**	10		
Incandescent	10%			2032	**	2		
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$300	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
HID	100%			2032	**	10		
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2032	**	1	\$300	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2032	**	1-3	\$1,200	

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

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

Estimates are rounded to the nearest hundred dollars.

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK - SWEDISH COTTAGE MARIONETTE THEATER**  
**Asset # : 13426**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2037	**	5	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Buried In Yard</i>								
<i>Explanation : 1 Oil Tank, Size Unknown At Time Of Survey</i>								
Conversion Equipment								
Hot Water Boiler	100%			2032	**	1	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$100	
Terminal Devices								
Air Handler	50%			2032	**	1	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
<i>Explanation : Spilt Units With Reheat Coils For Heating</i>								
Convactor/Radiator	50%			2040	**	1	\$400	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2028	\$103,900	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
<i>Explanation : Split Units With Reheat Coil For Heating</i>								
Heat Rejection								
Dry Cooler	100%			2027	\$15,100	2	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Remote Air Condensers With Compessors Located In Pit Adjacent To Building</i>								
<i>Explanation : Multiple Split Systems</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,500	
Exhaust Fans								
Interior	100%			2032	**	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2047	**	1		
Water Heater								
Electric	100%			2025	\$2,400	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

## Fire Suppression

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK - SWEDISH COTTAGE MARIONETTE THEATER**  
**Asset # : 13426**

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

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

Print Date : 25-Oct-2018

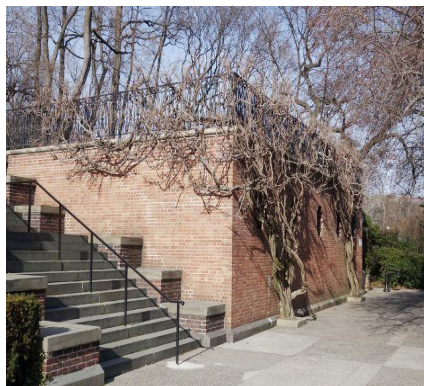
**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK / CONSERVATORY GARDEN NORTH BLDG - MEN'S ROOM  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 105TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-206F  
**Program / Asset #** : PAR0018.098 / 807 **Yr Built/Renovated** : 1890 / 2002  
**Area Sq Ft** : 1,475 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**  
 Importance Code  
**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$32,000			
Interior Architecture	\$8,000		\$200	
Electrical	\$3,900		\$8,700	
Mechanical	\$100	\$100	\$200	\$100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$48,000</b>	<b>\$4,000</b>	<b>\$13,000</b>	<b>\$4,000</b>
Importance Code A	\$32,100	\$100	\$100	\$100
Importance Code B	\$9,400	\$4,000	\$12,900	\$4,000
Importance Code C	\$6,500			
<b>Total</b>	<b>\$48,000</b>	<b>\$4,000</b>	<b>\$13,000</b>	<b>\$4,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN NORTH BLDG - MEN'S ROOM**  
**Asset # : 807**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	\$10,200	LIFE	**	5	\$3,000	
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Pavilion</i>								
<i>Explanation : Men's Restroom And Equipment Storage</i>								
Masonry: Granite	5%			LIFE	**	5	\$100	
Windows								
Steel	100%	Now	\$800	2035	**	5	\$700	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Restroom Windows</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								
Parapets								
Masonry: Limestone	25%			LIFE	**	5	\$400	
Metal Rail	75%	4+	\$1,700	2032	**	5	\$6,800	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Plaza Roof: Stone Panels	100%	0-2	\$19,200	2037	**			
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mortar / Joint Erosion</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$1,900	
Ceramic Tile	50%			2030	**	5	\$1,100	
Quarry Tile	10%			2032	**	5	\$300	
Interior Walls								
Ceramic Tile	15%			2030	**	5	\$300	
Concrete Masonry Unit	10%			LIFE	**	5	\$100	
Gypsum Board	20%			LIFE	**	5	\$200	
Masonry: Brick	40%	0-2	\$1,800	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Basement Below Mens Bathroom</i>								
Masonry: Fieldstone	15%	Now	\$4,600	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Electrical Box In Basement</i>								
<i>Explanation : Water Penetration</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN NORTH BLDG - MEN'S ROOM**  
**Asset # : 807**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	25%	0-2	\$1,000	LIFE	**	5	\$100	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Basement Below Mens Bathroom</i>								
Plaster	75%			LIFE	**	5	\$1,000	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Ampere And 100 Ampere Main Disconnect Switch</i>								
Raceway								
Conduit	50%			2027	\$2,100	1		
Conduit	50%			2037	**	1		
Panelboards								
Fused Toggle Switch	25%	2-4	\$2,100	2052	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Molded Case Bkrs	75%			2035	**	5		
Wiring								
Braided Cloth	20%	2-4	\$1,800	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	80%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2032	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
Lighting								
Interior Lighting								
Fluorescent	50%			2022	\$1,800	10	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	50%			2027	\$1,800	10	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cfl</i>								
Egress Lighting								
Emergency, Battery	50%			2027	\$1,100	10	\$200	
Exit, Service	50%			2027	\$200	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN NORTH BLDG - MEN'S ROOM**  
**Asset # : 807**

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

## Lighting

## Exterior Lighting

HID

100%

2022

\$6,200

10

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

## Heating

## Energy Source

Natural Gas

100%

2037

\* \*

1

## Conversion Equipment

Furnace

100%

2032

\* \*

1

\$700

*Other Observation, Extent : Light, Area Affected : 100%**Location : One On Either Side**Explanation : Two Gas Fired Forced Hot Air Units*

## Terminal Devices

Fan Coil Unit/Heat

10%

2032

\* \*

1

\$100

No Component

90%

## Ventilation

## Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$800

## Exhaust Fans

Interior

100%

2032

\* \*

2

## Plumbing

## H/C Water Piping

Galvanized Steel

100%

2040

\* \*

1

## Water Heater

Electric

100%

2025

\$1,400

4

## Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

## Storm Drain Piping

Cast Iron

100%

LIFE

\* \*

1

## Sump Pump(s)

Non-Submersible

100%

2027

\$200

4

## Fixtures

Generic

100%

## Vertical Transport

## Elevators

Geared Traction

100%

LIFE

\* \*

*Other Observation, Extent : Moderate, Area Affected : 50%**Location : Basement To 1st Floor**Explanation : Defective Controller*

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK / CONSERVATORY GARDEN, SOUTH BLDG - LADY'S ROOM  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 105TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.092 / 14814 **Yr Built/Renovated** : 1890 /  
**Area Sq Ft** : 1,475 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$24,800			
Interior Architecture	\$5,100		\$200	
Electrical	\$1,800			
Mechanical	\$100	\$100	\$200	\$100
<b>Total</b>	<b>\$31,800</b>	<b>\$100</b>	<b>\$400</b>	<b>\$100</b>
Importance Code A	\$24,800	\$100	\$100	\$100
Importance Code B	\$2,200	\$100	\$300	
Importance Code C	\$4,700			
<b>Total</b>	<b>\$31,800</b>	<b>\$100</b>	<b>\$400</b>	<b>\$100</b>



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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN, SOUTH BLDG - LADY'S ROOM**  
**Asset # : 14814**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	95%	0-2	\$5,100	LIFE	**	5	\$3,000	
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Pavilion</i>								
<i>Explanation : Womens Restroom And Facilities Office</i>								
Masonry: Granite	5%			LIFE	**	5	\$100	
Windows								
Steel	100%	Now	\$800	2035	**	5	\$700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Restroom Windows</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Metal Grilles</i>								
Parapets								
Masonry: Limestone	25%			LIFE	**	5	\$400	
Metal Rail	75%	4+	\$3,500	2032	**	5	\$6,800	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Observation Deck Railing</i>								
Roof								
Plaza Roof: Stone Panels	100%	0-2	\$15,400	2037	**			
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Observation Deck</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Observation Deck</i>								
<i>Explanation : Mortar / Joint Erosion</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$1,900	
Ceramic Tile	35%			2030	**	5	\$800	
Quarry Tile	10%			2032	**	5	\$300	
Vinyl Tile	15%			2027	\$3,100	3	\$100	
Interior Walls								
Ceramic Tile	15%			2030	**	5	\$300	
Concrete Masonry Unit	10%			LIFE	**	5	\$100	
Gypsum Board	20%			LIFE	**	5	\$200	
Masonry: Brick	40%			LIFE	**			
Masonry: Fieldstone	15%	Now	\$4,600	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Stairs To Basement</i>								
<i>Explanation : Water Penetration</i>								
Ceilings								
Exposed Concrete	25%			LIFE	**	5	\$100	
Plaster	75%			LIFE	**	5	\$1,000	

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

Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN, SOUTH BLDG - LADY'S ROOM**  
**Asset # : 14814**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amperes Main Disconnect Switch</i>								
<hr/>								
Raceway								
Conduit	100%			2027	\$4,200	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2026	\$400	5		
Molded Case Bkrs	95%			2026	\$7,900	5		
<hr/>								
Wiring								
Braided Cloth	20%	2-4	\$1,800	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Thermoplastic	80%			2037	**	1		
<hr/>								
Motor Controllers								
Locally Mounted	100%			2032	**	5		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5		
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	70%			2027	\$2,500	10	\$900	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Fluorescent	30%			2027	\$1,100	10	\$400	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Exterior Lighting								
HID	100%			2027	\$6,200	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2037	**	1		
<hr/>								
Conversion Equipment								
Furnace	100%			2032	**	1	\$700	
<hr/>								
Terminal Devices								
Fan Coil Unit/Heat	10%			2032	**	1	\$100	
No Component	90%							
<hr/>								
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN, SOUTH BLDG - LADY'S ROOM**  
**Asset # : 14814**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Ventilation								
	Exhaust Fans							
	Interior	100%			2032	**	2	
Plumbing								
	H/C Water Piping							
	Galvanized Steel	100%			2040	**	1	
	Water Heater							
	Electric	100%			2025	\$1,400	4	
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Non-Submersible	100%			2027	\$200	4	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK/ ANCIENT PLAYGROUND COMFORT STATION - 146  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 85TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-146  
**Program / Asset #** : PAR0018.100 / 787 **Yr Built/Renovated** : 1932 / 2009  
**Area Sq Ft** : 1,764 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1111 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$200			\$300
Interior Architecture		\$3,000		
Electrical			\$1,600	
Mechanical	\$200	\$200	\$200	\$200
<b>Total</b>	<b>\$300</b>	<b>\$3,300</b>	<b>\$1,800</b>	<b>\$400</b>
Importance Code A	\$300	\$100	\$100	\$300
Importance Code B	\$100	\$800	\$1,700	\$100
Importance Code C		\$2,400		
<b>Total</b>	<b>\$300</b>	<b>\$3,300</b>	<b>\$1,800</b>	<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK/ ANCIENT PLAYGROUND COMFORT STATION - 146**  
**Asset # : 787**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Granite	20%			LIFE	**	5	\$900	
Pre-Cast Concrete	80%			LIFE	**	5	\$15,900	
<b>Windows</b>								
Aluminum	95%			2043	**	5	\$500	
Metal Louvers	5%			2030	**	10	\$200	
<b>Parapets</b>								
Pre-Cast Concrete	100%			LIFE	**	5	\$7,900	
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$300	
Ceramic Tile	90%			2036	**	5	\$1,300	
<b>Interior Walls</b>								
Ceramic Tile	80%			2036	**	5	\$4,800	
Gypsum Board	10%			LIFE	**	5	\$400	
Masonry: Brick	10%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	10%			LIFE	**	5		
Gypsum Board	90%			LIFE	**	5	\$1,600	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 225a Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2047	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2043	**	5		
<b>Wiring</b>								
Thermoplastic	100%			2047	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2040	**	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5		
<b>Lighting</b>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK/ ANCIENT PLAYGROUND COMFORT STATION - 146**  
**Asset # : 787**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	100%			2032	**	10	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 And Cfl Lamps</i>								
Exterior Lighting HID	100%			2032	**	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Natural Gas	100%			2053	**	1		
Conversion Equipment Hot Water Boiler	100%			2044	**	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Utility Room Adjacent To Mens Room</i>								
<i>Explanation : One Gas Fired Hot Water Boiler</i>								
Distribution Hot Wtr Piping/Pump	100%			2049	**	4	\$100	
Terminal Devices Convactor/Radiator	100%			2044	**	1	\$600	
<b>Ventilation</b>								
Exhaust Fans Roof	100%			2035	**	2	\$100	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2053	**	1		
Water Heater Electric	100%			2026	\$1,600	4		
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Backflow Preventer Generic	100%			2035	**	1	\$100	
Fixtures Generic	100%							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : New Fixtures</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CHELSEA RECREATION CENTER AND POOL  
**Address** : 430 WEST 25 STREET @9TH - 10TH AVES.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0127.000 / 13442 **Yr Built/Renovated** : 1976 / 2004  
**Area Sq Ft** : 68,392 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,M,3,4,5,6  
**Block** : 722 **Lot** : 57 **BIN** : 1012811

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$49,600	\$570,500
Interior Architecture	\$259,300	
Electrical	\$59,600	
Mechanical	\$47,800	\$1,747,900
<b>Total</b>	<b>\$416,300</b>	<b>\$2,318,400</b>
Importance Code A	\$49,600	\$671,300
Importance Code B	\$297,500	\$1,647,100
Importance Code C	\$69,300	
<b>Total</b>	<b>\$416,300</b>	<b>\$2,318,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$42,700	\$7,200		\$25,400
Interior Architecture	\$19,000	\$10,600	\$7,600	\$9,000
Electrical	\$9,400	\$11,400	\$12,200	\$9,700
Mechanical	\$30,200	\$22,100	\$29,800	\$21,200
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$113,100</b>	<b>\$63,000</b>	<b>\$61,400</b>	<b>\$77,100</b>
Importance Code A	\$46,100	\$10,600	\$3,400	\$28,900
Importance Code B	\$67,100	\$52,400	\$55,500	\$48,200
Importance Code C			\$2,500	
<b>Total</b>	<b>\$113,100</b>	<b>\$63,000</b>	<b>\$61,400</b>	<b>\$77,100</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick Cavity	85%			LIFE	**	5	\$74,900	
<i>Patching Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
Window Wall	15%			2048	**	5	\$49,500	
Windows								
Aluminum	92%	4+	\$6,900	2044	**	5	\$1,600	
<i>Hardware Missing, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1st Floor Offices</i>								
Metal Louvers	3%			2037	**	10	\$700	
Metal Louvers	5%			2037	**	10	\$1,100	
Parapets								
Masonry: Brick Cavity	70%	4+	\$10,500	LIFE	**	5	\$4,500	
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations - Interior And Exterior Parapet Walls</i>								
Metal Panel	5%			2048	**	5	\$1,200	
Metal: Cage/Fence	25%			2041	**	5-10	\$12,300	
Roof								
Modified Bitumen	85%	0-2	\$49,600	2028	\$495,600			
<i>Blisters, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : 6th, 5th And 3rd Floor Roofs</i>								
Skylight, Metal/Glass	10%	Now	\$12,700	2048	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Pool</i>								
Sloped Glazing	5%	Now	\$12,600	LIFE	**	5	\$28,100	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium - North Wall</i>								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$11,200	
Ceramic Tile	10%			2037	**	5	\$10,200	
Ceramic Tile	5%	Now	\$101,200	2043	**	5	\$2,600	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Locker Rooms Throughout</i>								
Sheet Vinyl/Rubber	10%			2033	**	5	\$15,400	
Terrazzo	10%			LIFE	**	5	\$8,000	
Vinyl Tile	45%			2033	**	3	\$17,300	
Vinyl Tile	10%	Now	\$88,800	2038	**	3	\$3,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 1st Floor Offices</i>								
Wood	5%			2056	**	5	\$9,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	15%			LIFE	**			
Ceramic Tile	5%	Now	\$69,300	2043	**	5	\$1,200	
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Locker Rooms Throughout</i>								
Ceramic Tile	10%			2037	**	5	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Pool Area</i>								
<i>Explanation : Decorative Murals</i>								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,000	
Glass: Single Pane	5%			LIFE	**	5	\$1,800	
Gypsum Board	45%			LIFE	**	5	\$13,300	
SGFT/Glazed Masonry	15%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	45%	4+	\$19,000	2041	**	5	\$23,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 6th Floor</i>								
Exposed Struc: Steel	10%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement And Mechanical Rooms</i>								
<i>Explanation : Component Partially Metal Decking</i>								
Gypsum Board	10%			LIFE	**	5	\$12,800	
Metal Panel	25%			LIFE	**	5	\$32,000	
Plaster	10%			LIFE	**	5	\$6,400	
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%			2041	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2048	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2048	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 3- Vertical Sections</i>								
<b>Raceway</b>								
Conduit	100%			2048	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
	Fused Disc Sw	10%			2044	**	5	\$200
	Molded Case Bkrs	90%			2044	**	5	\$1,600
<b>Wiring</b>								
	Thermoplastic	100%			2048	**	1	
<b>Motor Controllers</b>								
	Locally Mounted	100%			2041	**	5	\$500
<b>Ground</b>								
<b>Grounding Devices</b>								
	Generic	100%			LIFE	**	5	\$1,000
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
	Automatic	100%			2041	**	1	\$21,000
<b>Generators</b>								
	Diesel	100%			2037	**	1	\$26,500
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Emergency Generator Rated At 175kw</i>							
<b>Batteries</b>								
	Lead/Acid	100%			2022	\$1,500	5	\$2,500
<b>Fuel Storage</b>								
	Day Tank	50%			2044	**	5	\$6,300
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 275 Gallons Rated Capacity</i>							
	Main Tank	50%			2056	**	5	\$1,000
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 275 Gallons Rated Capacity</i>							
<b>Lighting</b>								
<b>Interior Lighting</b>								
	Fluorescent	80%			2033	**	10	\$50,200
	<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	Fluorescent	15%			2033	**	10	\$9,400
	<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Hallways, Lobby</i>							
	LED	5%			2033	**		
<b>Egress Lighting</b>								
	Emergency, Service	50%			2033	**	1	
	Exit, Service	50%			2033	**	1	
<b>Exterior Lighting</b>								
	HID	10%			2033	**	10	
	No Component	90%						
<b>Alarm</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**  
**Asset # : 13442**

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

**Alarm**

## Security System

No Component

70%

Generic

30%

2033

\* \*

1

\$7,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Hallways And Outside**Explanation : CCTV Surveillance Camera System*

## Fire/Smoke Detection

Generic, Digital

100%

2033

\* \*

1-3

\$42,100

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

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

**Heating**

## Energy Source

Natural Gas

100%

2038

\* \*

1

## Conversion Equipment

Hot Water Boiler

80%

2033

\* \*

1

\$27,100

*Other Observation, Extent : Light, Area Affected : 80%**Location : 6th Floor Boiler Room**Explanation : 12 Natural Gas Fired Modular Hot Water Boilers*

Hot Water Boiler

20%

2026

\$100,800

1

\$6,800

*Other Observation, Extent : Light, Area Affected : 20%**Location : Basement Pump Room**Explanation : 1 Unit For The Pool*

## Distribution

Hot Wtr Piping/Pump

100%

2036

\* \*

4

\$5,100

## Terminal Devices

Air Handler

70%

2028

\$643,500

1

\$29,600

Convactor/Radiator

25%

2033

\* \*

1

\$5,500

Fan Coil Unit/Heat

5%

2028

\$49,000

1

\$1,100

**Air Conditioning**

## Energy Source

Electricity

100%

2044

\* \*

1

## Conversion Equipment

Reciprocating

95%

2028

\$527,100

1

\$30,100

Compr/Chiller

*R-22 Refrigerant, Extent : Light, Area Affected : 95%**Location : 2 Units On Roof*

Split Unit

5%

2028

\$69,800

*R-22 Refrigerant, Extent : Light, Area Affected : 5%**Location : 1 Unit On Roof*

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.

**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Air Conditioning								
Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2038	**	4	\$3,400
Heat Rejection								
	Air Cooled Condenser Unit	100%			2028	\$131,800	2	\$47,600
Ventilation								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$38,100
Exhaust Fans								
	Interior	80%			2028	\$186,100	2	\$1,700
	Roof	20%			2033	**	2	\$400
Plumbing								
H/C Water Piping								
	Brass/Copper	100%			2038	**	1	
Water Heater								
	Gas Fired	100%			2026	\$39,900	2	\$1,000
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : 6th Floor Mech Room</i>				
				<i>Explanation : 4 Units</i>				
Sanitary Piping								
	Cast Iron	100%	0-2	\$47,800	LIFE	**	1	
				<i>Corroded, Extent : Moderate, Area Affected : 60%</i>				
				<i>Location : Basement Pump Room</i>				
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Non-Submersible	100%	0-2	\$2,000	2028	\$10,000	4	\$1,400
				<i>Corroded, Extent : Severe, Area Affected : 80%</i>				
				<i>Location : Housing</i>				
Pool Filter/Treatment								
	Sand	100%			2033	**	4	\$25,400
Sewage Ejector(s)								
	Electric	100%	0-2	\$3,800	2028	\$18,800	4	\$2,700
				<i>Corroded, Extent : Severe, Area Affected : 80%</i>				
				<i>Location : Housing</i>				
Backflow Preventer								
	Generic	100%			2028	\$16,600	1	\$4,200
Fixtures								
	Generic	100%						
Vertical Transport								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport								
Elevators								
	Geared Traction	60%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Basement To 6th Floor</i>						
		<i>Explanation : 1 Unit</i>						
	Hydraulic	40%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : 1, L, 2nd Floor</i>						
		<i>Explanation : 1 Unit, Under Repair</i>						
Fire Suppression								
Standpipe								
	Generic	100%			2048	**	1-5	\$34,500
Sprinkler								
	No Component	60%						
	Generic	40%			2038	**	1-2	\$7,700

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK INTERMEDIATE POOL  
**Address** : TELLER-MORRIS-MT.EDEN AVES  
**Borough** : BRONX **Agency's Number** : X008-05  
**Program / Asset #** : PAR0067.005 / 258 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,575 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2788 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$45,600
Interior Architecture		\$51,700
<b>Total</b>		<b>\$97,400</b>
Importance Code A		\$45,600
Importance Code B		\$51,700
<b>Total</b>		<b>\$97,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Interior Architecture	\$25,100			
Electrical	\$100	\$27,900	\$100	\$100
Mechanical				\$600
<b>Total</b>	<b>\$25,200</b>	<b>\$27,900</b>	<b>\$100</b>	<b>\$600</b>
Importance Code A				
Importance Code B	\$25,200	\$27,900	\$100	\$600
<b>Total</b>	<b>\$25,200</b>	<b>\$27,900</b>	<b>\$100</b>	<b>\$600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK INTERMEDIATE POOL**  
**Asset # : 258**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	100%			LIFE	**	5	\$45,600	
<b>Interior</b>								
Floors								
Cast in Place Concrete	100%	2-4	\$25,100	LIFE	**	5	\$51,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,500	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$24,900	5		
Raceway								
Conduit	100%			2026	\$3,800	1		
Panelboards								
Fused Disc Sw	5%			2025	\$400	5		
Molded Case Bkrs	95%			2025	\$7,200	5	\$100	
Wiring								
Thermoplastic	100%			2026	\$8,300	1		
Motor Controllers								
Locally Mounted	100%			2024	\$7,300	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	99%			2021	\$10,100	10	\$4,200	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID	1%			2021	\$400	10		
Egress Lighting								
Emergency, Battery	50%			2021	\$3,100	10	\$600	
Exit, Service	50%			2021	\$600	1		
Exterior Lighting								
HID	50%			2021	\$8,800	10		
No Component	50%							
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2036	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK INTERMEDIATE POOL**  
**Asset # : 258**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Air Conditioning								
Conversion Equipment								
	Window/Wall Unit	5%			2024	\$500	1	
	No Component	95%						
Plumbing								
H/C Water Piping								
	Galvanized Steel	100%			2031	**	1	
Pool Filter/Treatment								
	Sand	100%			2031	**	4	\$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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE  
**Address** : 202-12 WILLETS PT. BLVD.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0026.005 / 13884 **Yr Built/Renovated** : 1916 / 2007  
**Area Sq Ft** : 10,348 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 5840 **Lot** : 100 **BIN** : 4836216

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$46,800		\$3,800	
Interior Architecture	\$5,800	\$900		\$4,800
Electrical	\$600	\$500	\$8,600	\$700
Mechanical	\$3,200	\$1,900	\$4,300	\$2,400
<b>Total</b>	<b>\$56,500</b>	<b>\$3,300</b>	<b>\$16,700</b>	<b>\$7,900</b>
Importance Code A	\$47,300	\$500	\$4,300	\$500
Importance Code B	\$9,100	\$2,400	\$12,400	\$7,400
Importance Code C		\$300		
<b>Total</b>	<b>\$56,500</b>	<b>\$3,300</b>	<b>\$16,700</b>	<b>\$7,900</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	57%			LIFE	**	5	\$11,400	
Masonry: Brick	20%			LIFE	**	5	\$4,000	
Slate Panels	3%			LIFE	**	5	\$500	
Stucco Cement	5%			2040	**	5	\$2,500	
Window Wall	10%			2047	**	5	\$7,500	
Wood	5%	Now	\$10,700	2032	**	5	\$2,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Trims At Windows And Doors</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Trims At Windows And Doors</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Trims At Windows And Doors</i>								
<hr/>								
Windows								
Wood	100%	Now	\$1,500	2043	**	5	\$13,000	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Ladies Room</i>								
<hr/>								
Roof								
Metal Panel	25%			2040	**	10	\$8,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Wing</i>								
<i>Explanation : Open Air Pavilion</i>								
Slate	75%	Now	\$24,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
<hr/>								
<b>Interior</b>								
Floors								
Carpet	60%			2026	\$121,100	3	\$18,600	
Cast in Place Concrete	15%			LIFE	**	5	\$5,100	
Ceramic Tile	7%			2036	**	5	\$1,100	
Quarry Tile	5%			2040	**	5	\$1,200	
Slate	3%			LIFE	**	5	\$500	
Vinyl Tile	10%			2032	**	3	\$800	
<hr/>								
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			
Ceramic Tile	5%			2036	**	5	\$600	
Gypsum Board	20%			LIFE	**	5	\$1,500	
Masonry: Brick	5%			LIFE	**			
Plaster	50%			LIFE	**	5	\$1,900	
Wood	10%			LIFE	**	5	\$4,900	

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**DEPT. OF PARKS & RECREATION - 846**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2040	**	5	\$800	
Exposed Struc: Steel	25%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Wing</i>								
<i>Explanation : Open Air Pavilion</i>								
Gypsum Board	15%			LIFE	**	5	\$2,900	
Plaster	55%			LIFE	**	5	\$5,300	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amperes Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2047	**	5	\$300	
<b>Raceway</b>								
Conduit	100%			2047	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2043	**	5		
Molded Case Bkrs	95%			2043	**	5	\$300	
<b>Wiring</b>								
Thermoplastic	100%			2047	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2040	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$200	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	70%			2032	**	10	\$6,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T8 Lamps</i>								
Incandescent	30%			2032	**	2	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby</i>								
<i>Explanation : Recessed Halogen Bulb</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2032	**	10	\$1,200	
Exit, LED	50%			2055	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

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

## Lighting

## Exterior Lighting

HID	100%			2032	**	10		
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## Alarm

## Security System

No Component	50%							
Generic	50%			2032	**	1	\$1,900	

## Fire/Smoke Detection

No Component	50%							
Generic, Digital	50%			2032	**	1-3	\$3,300	

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

## Heating

## Energy Source

Natural Gas	100%			2047	**	1		
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## Conversion Equipment

Hot Water Boiler	100%			2040	**	1	\$5,100	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement Boiler Room*

*Explanation : 1 Unit*

## Distribution

Hot Wtr Piping/Pump	100%			2043	**	4	\$500	
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## Terminal Devices

Convactor/Radiator	90%			2040	**	1	\$3,000	
Fan Coil Unit/Heat	10%			2032	**	1	\$300	

## Air Conditioning

## Energy Source

Electricity	100%			2043	**	1		
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## Conversion Equipment

Reciprocating Compr/Chiller	40%			2032	**	1	\$1,900	
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*R-134a Refrigerant, Extent : Light, Area Affected : 100%*

*Location : 1 Unit - Outside The Building*

Split Unit	60%			2032	**			
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*R-134a Refrigerant, Extent : Light, Area Affected : 60%*

*Location : 5 Units. Outside The Building*

## Terminal Devices

Air Handler/Dir Expansion	40%			2032	**	1		
Fan Coil - 2 Pipe	60%			2032	**	1	\$2,000	

## Heat Rejection

Air Cooled Condenser Unit	100%			2032	**	2	\$7,200	
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## Ventilation

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$5,800	
<b>Exhaust Fans</b>								
	Interior	70%		2032	**	2	\$200	
	Wall Unit	30%		2032	**	2	\$100	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%		2047	**	1		
<b>Water Heater</b>								
	Gas Fired	100%		2025	\$6,000	2	\$200	
<b>Sanitary Piping</b>								
	Cast Iron	100%		LIFE	**	1		
<b>Sewage Ejector(s)</b>								
	Electric	100%		2035	**	4	\$400	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Fixtures</b>								
	Generic	100%						
<b>Fire Suppression</b>								
<b>Sprinkler</b>								
	Generic	100%		2047	**	1-2	\$2,900	
<b>Chemical System</b>								
	Generic	100%		2025	\$26,700	1-3	\$3,700	

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK BOATHOUSE / RESTAURANT  
**Address** : 1150 CLOVE ROAD  
**Borough** : STATEN ISLAND **Agency's Number** : R005-020  
**Program / Asset #** : PAR0015.020 / 4497 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 6,900 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 319 **Lot** : 1 **BIN** : 5112425

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Electrical		\$49,400
Mechanical		\$91,500
<b>Total</b>		<b>\$140,900</b>
Importance Code B		\$140,900
<b>Total</b>		<b>\$140,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$32,100		\$3,600	\$15,500
Interior Architecture	\$14,200	\$500		\$41,700
Electrical	\$15,700	\$300	\$300	\$300
Mechanical	\$1,000	\$1,000	\$28,000	\$1,500
<b>Total</b>	<b>\$63,000</b>	<b>\$1,900</b>	<b>\$31,900</b>	<b>\$59,000</b>
Importance Code A	\$32,500	\$300	\$4,000	\$15,800
Importance Code B	\$30,600	\$1,500	\$28,000	\$43,100
Importance Code C				
<b>Total</b>	<b>\$63,000</b>	<b>\$1,900</b>	<b>\$31,900</b>	<b>\$59,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BOATHOUSE / RESTAURANT**

**Asset # : 4497**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Fieldstone	90%			LIFE	**	5	\$9,700	
Wood	10%			2032	**	5	\$7,200	
<b>Windows</b>								
Aluminum	15%			2035	**	5	\$200	
Steel	50%	Now	\$31,400	2052	**	5	\$3,700	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	35%	0-2	\$600	2035	**	5	\$2,100	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Windows Facing Lake</i>								
<b>Roof</b>								
Roll Roofing	15%			2023	\$12,900	5	\$5,100	
Skylight, Plastic	5%			2040	**	1		
Slate	80%			LIFE	**			
<b>Interior</b>								
<b>Floors</b>								
Carpet	25%			2023	\$40,400	3	\$5,200	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Dining Area</i>								
Cast in Place Concrete	20%			LIFE	**	5	\$4,500	
Ceramic Tile	10%			2036	**	5	\$1,000	
Quarry Tile	10%			2040	**	5	\$1,600	
Wood	35%	0-2	\$12,200	2042	**	5	\$3,400	
<i>Uneven Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bar Area</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Dining Room</i>								
<i>Explanation : Laminate Wood</i>								
<b>Interior Walls</b>								
Plaster	85%			LIFE	**	5	\$2,500	
SGFT/Glazed Masonry	5%			LIFE	**			
Wood	10%			LIFE	**	5	\$4,000	
<b>Ceilings</b>								
Exposed Struc: Wood	20%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$2,000	
Plaster	65%			LIFE	**	5	\$4,400	
<i>Patching Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Basement</i>								

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

Under 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BOATHOUSE / RESTAURANT**

**Asset # : 4497**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2037	**	5		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Main Service Switch Rated At 200 Amperes</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2037	**	5		
Raceway								
Conduit	80%			2027	\$25,600	1		
Conduit	20%			2037	**	1		
Panelboards								
Fused Disc Sw	40%			2026	\$6,100	5	\$100	
Molded Case Bkrs	40%			2035	**	5	\$100	
Molded Case Bkrs	20%			2026	\$3,100	5		
Wiring								
Braided Cloth	20%	2-4	\$5,700	2052	**	1		
	<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Thermoplastic	80%			2037	**	1		
<b>Ground</b>								
Grounding Devices								
Generic	100%	0-2	\$9,700	LIFE	**	5	\$100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Corroded</i>							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2027	\$14,100	10	\$1,300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : T-12 Lamps</i>							
Fluorescent	10%			2027	\$7,100	10	\$600	
	<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Incandescent	70%			2027	\$49,400	2	\$100	
Egress Lighting								
Emergency, Battery	50%			2027	\$4,700	10	\$800	
Exit, Service	50%			2027	\$500	1		
Exterior Lighting								
Incandescent	20%			2027	\$4,500	2		
No Component	80%							
<b>Alarm</b>								
Security System								
Generic	100%			2027	\$21,300	1	\$2,600	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Intrusion Alarm System</i>							

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BOATHOUSE / RESTAURANT**  
**Asset # : 4497**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Natural Gas Fired Hot Water Boilers</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2043	**	4	\$300	
Terminal Devices								
Convactor/Radiator	100%			2040	**	1	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Tenant Installed</i>								
<i>Explanation : Dining Porch Heated By Radiant Piping Under Floor</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Split Unit	65%			2027	\$91,500			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 65%</i>								
<i>Location : 3 Units, Out Side Of The Building</i>								
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	65%			2032	**	1	\$1,500	
No Component	35%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$400	
No Component	90%							
Exhaust Fans								
Interior	10%			2027	\$2,300	2		
No Component	90%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Electric	100%			2025	\$5,800	4	\$100	
HW Heat Exchanger								
Steam Fired	100%			2047	**	4	\$700	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
<b>Fire Suppression</b>								
Chemical System								
Generic	100%			2022	\$26,700	1-3	\$3,700	

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

Estimates are rounded to the nearest hundred dollars.

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

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**DEPT. OF PARKS & RECREATION - 846  
CLOVE LAKES PARK BOATHOUSE / RESTAURANT  
Asset # : 4497**

Print Date : 25-Oct-2018      **DEPT. OF PARKS & RECREATION - FY 2019**

<b>Asset Name</b>	: CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS		
<b>Address</b>	: 21 SLOSSON AVENUE		
<b>Borough</b>	: STATEN ISLAND	<b>Agency's Number</b>	: R005-04B
<b>Program / Asset #</b>	: PAR0015.04B / 13391	<b>Yr Built/Renovated</b>	: 1930 /
<b>Area Sq Ft</b>	: 1,200	<b>Project Type</b>	: PARKS AND RECREATION
<b>Date of Survey</b>	: 02-Oct-2015	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	: Roof, Floors 1		
<b>Block</b>	: 319	<b>Lot</b>	: 1
		<b>BIN</b>	: 5112422

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$82,800	
<b>Total</b>	<b>\$82,800</b>	
Importance Code A	\$82,800	
<b>Total</b>	<b>\$82,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$33,400			\$900
Interior Architecture		\$100		
Electrical	\$4,200			
Mechanical	\$2,000		\$2,400	
<b>Total</b>	<b>\$39,600</b>	<b>\$100</b>	<b>\$2,400</b>	<b>\$900</b>
Importance Code A	\$33,400			\$900
Importance Code B	\$6,200	\$100	\$2,400	
Importance Code C				
<b>Total</b>	<b>\$39,600</b>	<b>\$100</b>	<b>\$2,400</b>	<b>\$900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS**

**Asset # : 13391**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$41,700	LIFE	**	5	\$4,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Window Heads And Corners Of Building</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Windows</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above All Window Openings</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
Masonry: Granite	5%	Now	\$3,400	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Facade, West Facade</i>								
Wood Overhead Doors	15%	Now	\$41,000	2047	**	5	\$2,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Windows								
Steel	100%	Now	\$30,000	2052	**	5	\$3,500	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	95%			2044	**	10	\$9,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Skylight, Metal/Glass	5%			2053	**	10	\$900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Skylights</i>								
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	**	5	\$2,700	
Vinyl Tile	25%			2027	\$3,600	3	\$200	
Interior Walls								
Masonry: Brick	75%			LIFE	**			
Plaster	25%			LIFE	**	5	\$400	
Ceilings								
Exposed Concrete	75%			LIFE	**	5	\$100	
Plaster	25%			LIFE	**	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.

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS**

**Asset # : 13391**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	100%			2027	\$3,800	1		
Panelboards								
Fused Disc Sw	50%			2026	\$3,800	5		
Molded Case Bkrs	50%			2026	\$3,800	5		
Wiring								
Braided Cloth	50%	2-4	\$4,200	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	50%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2025	\$7,300	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2027	\$2,700	10	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Exterior Lighting								
LED	20%			2035	**			
No Component	80%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2037	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Steam Comes From Adjacent Building</i>								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	\$1,900	2037	**	4	\$100	
<i>Leak Evident, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Return Line, Between Dispatch Office And The Main Building</i>								
Terminal Devices								
Fan Coil Unit/Heat	100%			2027	\$17,200	1	\$400	
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Window/Wall Unit	100%			2022	\$2,400	1		
Ventilation								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS**

**Asset # : 13391**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Ventilation								
	Exhaust Fans							
	Wall Unit	50%		2027	\$200	2		
	No Component	50%						
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2037	**	1		
	Water Heater							
	Electric	100%		2025	\$1,000	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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK COMFORT STATION  
**Address** : 1150 CLOVE ROAD  
**Borough** : STATEN ISLAND **Agency's Number** : R005-050  
**Program / Asset #** : PAR0015.050 / 4499 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 920 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 319 **Lot** : 1 **BIN** : 5141707

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$276,200	
<b>Total</b>	<b>\$276,200</b>	
Importance Code A	\$276,200	
<b>Total</b>	<b>\$276,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$31,600			
Interior Architecture	\$30,700			
Electrical	\$2,500			
Mechanical	\$6,000	\$100	\$1,000	\$100
<b>Total</b>	<b>\$70,800</b>	<b>\$100</b>	<b>\$1,000</b>	<b>\$100</b>
Importance Code A	\$31,700	\$100	\$100	\$100
Importance Code B	\$37,300		\$1,000	
Importance Code C	\$1,800			
<b>Total</b>	<b>\$70,800</b>	<b>\$100</b>	<b>\$1,000</b>	<b>\$100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK COMFORT STATION**  
**Asset # : 4499**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	\$115,000	LIFE	**	5	\$12,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Windows, Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Windows</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade, Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade, Throughout</i>								
Windows								
Steel	100%	Now	\$31,600	2052	**	5	\$3,700	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Slate	100%	Now	\$161,200	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Surfaces</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front And Rear Facades</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Employee Room, Breezeways, Restrooms</i>								
Interior								
Floors								
Cast in Place Concrete	30%	Now	\$2,800	LIFE	**	5	\$1,900	
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement - Backup From Groundwater</i>								
Quarry Tile	70%	Now	\$18,200	2032	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Restrooms</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Around Toilets</i>								
Interior Walls								
Plaster	70%	Now	\$1,800	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	30%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK COMFORT STATION**  
**Asset # : 4499**

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

## Interior

## Ceilings

## Plaster

100%	Now	\$7,900	LIFE	**	5	\$1,800		
<i>Paint Peeling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Employee Room</i>								

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

## Under 600 Volts

## Service Equipment

## Fused Disc Sw

100%			2037	**	5			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Main Service Switch Rated At 100 Amperes.</i>								

## Raceway

## Conduit

100%			2037	**	1		
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## Panelboards

## Molded Case Bkrs

100%			2035	**	5		
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## Wiring

## Braided Cloth

30%	2-4	\$2,500	2052	**	1			
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

## Thermoplastic

70%			2037	**	1		
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## Ground

## Grounding Devices

## Not Accessible

100%							
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## Lighting

## Interior Lighting

## Fluorescent

50%			2027	\$1,000	10	\$400		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								

## Fluorescent

10%			2027	\$200	10	\$100		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : T-8 Lamps</i>								

## HID

10%			2027	\$800	10		
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## Incandescent

30%			2027	\$1,500	2		
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Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK COMFORT STATION**  
**Asset # : 4499**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Energy Source							
	Fuel Oil No 2	100%			2037	**	5	\$300
				<i>Buried Tank(s), Extent : Light, Area Affected : 100%</i>				
				<i>Location : Yard</i>				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Yard</i>				
				<i>Explanation : (1) 2,000 Gallon Tank</i>				
	Conversion Equipment							
	Steam Boiler	100%			2032	**	1	\$900
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Utility Room</i>				
				<i>Explanation : (1) #2 Oil Burning Steam Boiler</i>				
	Distribution							
	Central Plant Steam Piping/Pmp	100%	Now	\$4,500	2037	**	4	
				<i>Corroded, Extent : Severe, Area Affected : 30%</i>				
				<i>Location : Corroded Very Much, Throughout</i>				
	Terminal Devices							
	Convactor/Radiator	100%	Now	\$1,400	2032	**	1	\$300
				<i>On Extended Life, Extent : Severe, Area Affected : 25%</i>				
				<i>Location : Various</i>				
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%			2035	**	1	
	Conversion Equipment							
	Window/Wall Unit	10%			2025	\$200	1	
	No Component	90%						
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%			2025	\$3,900	1	
	Water Heater							
	Electric	100%			2022	\$800	4	
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Fixtures							
	Generic	100%						

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK STONEHENGE BOROUGH HQ  
**Address** : 1150 CLOVE ROAD  
**Borough** : STATEN ISLAND **Agency's Number** : R005-010  
**Program / Asset #** : PAR0015.010 / 4496 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 7,300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 319 **Lot** : 1 **BIN** : 5112426

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$550,100	
Interior Architecture		\$47,500
Electrical		\$41,600
<b>Total</b>	<b>\$550,100</b>	<b>\$89,100</b>
Importance Code A	\$550,100	
Importance Code B		\$89,100
<b>Total</b>	<b>\$550,100</b>	<b>\$89,100</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$200		\$4,900	
Interior Architecture	\$33,800		\$500	\$2,300
Electrical	\$23,100	\$300	\$400	\$300
Mechanical	\$1,600	\$1,300	\$1,600	\$1,200
<b>Total</b>	<b>\$58,700</b>	<b>\$1,600</b>	<b>\$7,400</b>	<b>\$3,800</b>
Importance Code A	\$900	\$700	\$5,700	\$700
Importance Code B	\$51,900	\$800	\$1,800	\$3,100
Importance Code C	\$5,900			
<b>Total</b>	<b>\$58,700</b>	<b>\$1,600</b>	<b>\$7,400</b>	<b>\$3,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK STONEHENGE BOROUGH HQ**

**Asset # : 4496**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Fieldstone	90%	Now	\$313,900	LIFE	**	5	\$13,300	1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Window Lintels And Side Elevations</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Steel Window Lintels</i>								
Wood	10%			2032	**	5	\$9,900	
<b>Windows</b>								
Steel	90%	Now	\$65,100	2052	**	5	\$7,600	
<i>Bent/Warped Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	10%	0-2	\$200	2035	**	5	\$700	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Clerstory Windows Above Main Office Space</i>								
<b>Roof</b>								
Slate	100%	Now	\$171,200	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Down Spouts Fornt And Rear Of Building</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Above Offices</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	30%			2026	\$42,800	3	\$6,600	
Cast in Place Concrete	10%	Now	\$3,500	LIFE	**	5	\$2,400	
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement - Backup From Ground Water</i>								
Ceramic Tile	5%			2030	**	5	\$500	
Vinyl Tile	50%	Now	\$4,700	2027	\$47,500	3	\$2,100	
<i>Worn/Eroded, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pantry And Surrounding Area</i>								
Wood	5%			2042	**	5	\$1,000	
<b>Interior Walls</b>								
Plaster	100%	Now	\$5,900	LIFE	**	5	\$2,200	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Below Clerstory Windows</i>								

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK STONEHENGE BOROUGH HQ**

**Asset # : 4496**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Struc: Wood	15%	0-2	\$5,300	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Office, 2nd Story Windows</i>								
Plaster	85%	0-2	\$12,500	LIFE	**	5	\$5,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Corridor In Front Of Exit</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Offices</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2037	**	5	\$200	
<b>Raceway</b>								
Conduit	100%			2037	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2035	**	5	\$200	
<b>Wiring</b>								
Braided Cloth	70%	2-4	\$13,000	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2037	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2032	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK STONEHENGE BOROUGH HQ**

**Asset # : 4496**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	3%			2027	\$1,300	10	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Fluorescent	95%			2027	\$40,300	10	\$6,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	2%			2035	**	10	\$100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
Egress Lighting Exit, Service	100%			2027	\$2,500	1		
<b>Alarm</b>								
Security System Generic	100%			2027	\$22,500	1	\$2,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Intrusion Alarm Only</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2047	**	1		
Conversion Equipment Steam Boiler	100%			2044	**	1	\$7,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Steam Boiler</i>								
Distribution Central Plant Steam Piping/Pmp	100%			2037	**	4	\$500	
Terminal Devices Convactor/Radiator	100%			2032	**	1	\$2,400	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2035	**	1		
Conversion Equipment Split Unit	50%			2032	**			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Out Side Of The Building</i>								
<i>Explanation : 2 Units. R-412 Refrigerant</i>								
Window/Wall Unit	50%			2025	\$7,300	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK STONEHENGE BOROUGH HQ**

**Asset # : 4496**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Air Conditioning								
Terminal Devices								
	Fan Coil - 2 Pipe	50%		2032	**	1	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Main Office Area</i>								
<i>Explanation : 2 Split Units</i>								
	No Component	50%						
Heat Rejection								
	Dry Cooler	50%		2032	**	2	\$2,500	
	No Component	50%						
Plumbing								
H/C Water Piping								
	Brass/Copper	100%		2047	**	1		
Water Heater								
	Gas Fired	100%		2025	\$4,300	2	\$100	
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
Sump Pump(s)								
	Non-Submersible	100%		2035	**	4	\$200	
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP  
**Address** : 21 SLOSSON AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : R005-04C  
**Program / Asset #** : PAR0015.04C / 13392 **Yr Built/Renovated** : 1930 /  
**Area Sq Ft** : 1,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 319 **Lot** : 1 **BIN** : 5112422

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$82,800	
<b>Total</b>	<b>\$82,800</b>	
Importance Code A	\$82,800	
<b>Total</b>	<b>\$82,800</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$33,400			
Interior Architecture	\$3,900			\$100
Electrical	\$4,700		\$3,000	
Mechanical		\$100	\$2,400	
<b>Total</b>	<b>\$42,100</b>	<b>\$100</b>	<b>\$5,500</b>	<b>\$100</b>
Importance Code A	\$33,400			
Importance Code B	\$8,700	\$100	\$5,500	\$100
Importance Code C				
<b>Total</b>	<b>\$42,100</b>	<b>\$100</b>	<b>\$5,500</b>	<b>\$100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP**

**Asset # : 13392**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$41,700	LIFE	**	5	\$4,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Window Heads And Corners Of Building</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Above Windows</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Facades</i>								
Masonry: Granite	5%	Now	\$3,400	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade, West Facade</i>								
Wood Overhead Doors	15%	Now	\$41,000	2047	**	5	\$2,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Windows								
Steel	100%	Now	\$30,000	2052	**	5	\$3,500	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%			2044	**	10	\$9,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	**	5	\$2,600	
Ceramic Tile	5%	0-2	\$300	2030	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bathroom in Dispatcher Office</i>								
Vinyl Tile	25%	0-2	\$3,600	2037	**	3	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Dispatchers Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Dispatchers Office</i>								
Interior Walls								
Masonry: Brick	75%			LIFE	**			
Plaster	25%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP**

**Asset # : 13392**

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

**Interior**

**Ceilings**

Exposed Concrete	75%			LIFE	**	5	\$100	
Plaster	25%			LIFE	**	5	\$200	

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

**Under 600 Volts**

**Raceway**

Conduit	100%			2027	\$3,800	1		
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**Panelboards**

Fused Disc Sw	50%			2026	\$3,800	5		
Molded Case Bkrs	30%			2026	\$2,300	5		
Molded Case Bkrs	20%			2043	**	5		

**Wiring**

Braided Cloth	50%	2-4	\$4,200	2052	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%  
Location : Throughout The Building*

Thermoplastic	30%			2027	\$2,500	1		
Thermoplastic	20%			2047	**	1		

**Lighting**

**Interior Lighting**

Fluorescent	20%	Now	\$500	2037	**			
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*Malfunctioning, Extent : Moderate, Area Affected : 100%  
Location : Throughout The Building*

Fluorescent	80%			2022	\$2,100	10	\$900	
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*Other Observation, Extent : Light, Area Affected : 100%  
Location : Throughout The Building  
Explanation : T-12 Lamps*

**Exterior Lighting**

LED	20%			2035	**			
No Component	80%							

**Alarm**

**Fire/Smoke Detection**

No Component	70%							
Generic, Digital	30%			2032	**	1-3	\$200	

*Other Observation, Extent : Moderate, Area Affected : 100%  
Location : Office*

*Explanation : Alarm Bells And Fire Alarm Panel ; This Fire Alarm System Is For The Gasoline Pump Only.*

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

**Heating**

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP**

**Asset # : 13392**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
	Energy Source							
	Plant Campus Steam / PRV	100%		2037	**	1		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : Steam Comes From Adjacent Building</i>					
	Distribution							
	Central Plant Steam Piping/Pmp	100%		2037	**	4	\$100	
	Terminal Devices							
	Fan Coil Unit/Heat	100%		2027	\$17,200	1	\$400	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2035	**	1		
	Conversion Equipment							
	Window/Wall Unit	100%		2022	\$2,400	1		
<b>Ventilation</b>								
	Exhaust Fans							
	Wall Unit	25%		2027	\$100	2		
	No Component	75%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%		2037	**	1		
	Water Heater							
	Electric	100%		2025	\$1,000	4		
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Fixtures							
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1  
**Address** : 21 SLOSSON AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : R005-04A  
**Program / Asset #** : PAR0015.04A / 2736 **Yr Built/Renovated** : 1930 / 2011  
**Area Sq Ft** : 7,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 319 **Lot** : 1 **BIN** : 5112422

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$504,900	
Mechanical		\$50,100
<b>Total</b>	<b>\$504,900</b>	<b>\$50,100</b>
Importance Code A	\$504,900	
Importance Code B		\$50,100
<b>Total</b>	<b>\$504,900</b>	<b>\$50,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$25,300		\$500	
Interior Architecture	\$60,600	\$200		
Electrical	\$50,100	\$2,200	\$13,600	\$600
Mechanical	\$2,400	\$1,400	\$36,200	\$1,200
<b>Total</b>	<b>\$138,400</b>	<b>\$3,800</b>	<b>\$50,400</b>	<b>\$1,800</b>
Importance Code A	\$26,000	\$700	\$1,200	\$700
Importance Code B	\$109,300	\$3,100	\$49,200	\$1,100
Importance Code C	\$3,100			
<b>Total</b>	<b>\$138,400</b>	<b>\$3,800</b>	<b>\$50,400</b>	<b>\$1,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**

**Asset # : 2736**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Exterior</b>									
<b>Exterior Walls</b>									
	Masonry: Brick	75%	Now	\$158,200	LIFE	* *	5	\$17,100	1
				<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>					
				<i>Location : At Window Heads And Building Corners</i>					
				<i>Horizontal Cracks, Extent : Severe, Area Affected : 15%</i>					
				<i>Location : Throughout All Facades</i>					
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Misaligned/Bulging, Extent : Severe, Area Affected : 50%</i>					
				<i>Location : East Facade</i>					
				<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%</i>					
				<i>Location : At Window Openings</i>					
				<i>Spalling, Extent : Moderate, Area Affected : 15%</i>					
				<i>Location : All Facades</i>					
	Masonry: Granite	5%	Now	\$13,800	LIFE	* *	5	\$900	
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : Building Base, Corners</i>					
	Metal Coiling Doors	10%	Now	\$132,300	2047	* *	5	\$3,600	
				<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>					
				<i>Location : North Facade</i>					
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : North Facade</i>					
				<i>Hardware Missing, Extent : Moderate, Area Affected : 25%</i>					
				<i>Location : North Facade</i>					
				<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>					
				<i>Location : North Facade</i>					
	Wood Overhead Doors	10%	Now	\$110,700	2047	* *	5	\$5,700	
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : South Facade</i>					
				<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>					
				<i>Location : South Facade</i>					
<b>Windows</b>									
	Steel	100%	Now	\$103,700	2052	* *	5	\$12,200	
				<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 25%</i>					
				<i>Location : Throughout</i>					
				<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
<b>Parapets</b>									
	Masonry: Brick	90%			LIFE	* *	5	\$2,500	
	Metal Panel	10%			2047	* *	5	\$1,100	

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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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**

**Asset # : 2736**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Roof</b>								
Metal Panel	35%			2040	**	10	\$6,800	
Modified Bitumen	65%	0-2	\$4,800	2032	**			
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Above Auto Repair And Forestry Garages</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	80%	Now	\$17,800	LIFE	**	5	\$18,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Auto Mechanics</i>								
Ceramic Tile	5%	Now	\$10,400	2042	**	5	\$300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor Bathroom</i>								
Vinyl Tile	15%			2027		3	\$600	
<b>Interior Walls</b>								
Ceramic Tile	5%			2030	**	5	\$700	
Concrete Masonry Unit	10%			LIFE	**	5	\$500	
Masonry: Brick	60%			LIFE	**			
Plaster	25%	0-2	\$2,700	LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : 2nd Floor Offices</i>								
<b>Ceilings</b>								
Exposed Concrete	75%	Now	\$25,800	LIFE	**	5	\$1,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Boiler Room And Shops</i>								
Plaster	25%	Now	\$3,500	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Auto Repair Shop, 2nd Floor Offices</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2047	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2047	**	5	\$200	
<b>Raceway</b>								
Conduit	90%			2027		1	\$28,800	
Conduit	10%			2047	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**

**Asset # : 2736**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
	Fused Knife Sw	50%	2-4	\$19,700	2052	**	5	
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Molded Case Bkrs	50%			2043	**	5	\$100
<b>Wiring</b>								
	Braided Cloth	90%	2-4	\$25,500	2052	**	1	
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Thermoplastic	10%			2047	**	1	
<b>Motor Controllers</b>								
	Locally Mounted	50%			2032	**	5	
	Locally Mounted	50%			2025	\$7,300	5	
<b>Ground</b>								
<b>Grounding Devices</b>								
	Generic	100%			LIFE	**	5	\$100
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
	Automatic	100%			2040	**	1	\$2,200
<b>Generators</b>								
	Diesel	100%			2036	**	1	\$2,700
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Generator Rated At 320 Kilowatts</i>								
<b>Batteries</b>								
	Lead/Acid	100%			2021	\$1,500	5	\$300
<b>Fuel Storage</b>								
	Main Tank	100%			2055	**	5	\$200
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 420 Gallon Capacity</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
	Fluorescent	50%			2022	\$9,700	10	\$3,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
	Fluorescent	50%			2035	**	10	\$3,200
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<b>Egress Lighting</b>								
	Emergency, Battery	5%			2032	**	10	\$100
	Exit, Service	5%			2032	**	1	
	No Component	90%						
<b>Exterior Lighting</b>								
	LED	20%			2035	**		
	No Component	80%						

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

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

## Alarm

## Security System

No Component

80%

Generic

20% Now

\$4,300

2037

\* \*

1

\$500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outside**Explanation : 2 - CCTV Surveillance Camera Not Functional*

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

## Heating

## Energy Source

Interruptible Gas/Dual Fuel

100%

2037

\* \*

1

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : (1) 200 Gallon Tank*

## Conversion Equipment

Steam Boiler

100%

2032

\* \*

1

\$6,900

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 1 Steam Boiler*

## Distribution

Central Plant Steam Piping/Pmp

100%

2037

\* \*

4

\$500

## Terminal Devices

Convactor/Radiator

50%

2032

\* \*

1

\$1,100

Fan Coil Unit/Heat

50%

2027

\$50,100

1

\$1,100

## Air Conditioning

## Energy Source

Electricity

100%

2035

\* \*

1

## Conversion Equipment

Window/Wall Unit

50%

2022

\$7,000

1

No Component

50%

## Ventilation

## Exhaust Fans

Wall Unit

25%

2027

\$600

2

\$100

No Component

75%

## Plumbing

## H/C Water Piping

Brass/Copper

20%

2047

\* \*

1

Galvanized Steel

80%

0-2

\$1,200

2032

\* \*

1

*Corroded, Extent : Moderate, Area Affected : 5%**Location : Water Main, Basement*

## Water Heater

Electric

100%

2025

\$5,900

4

\$100

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Non-Submersible	100%			2022	\$1,000	4	\$100
	Fixtures							
	Generic	100%						
<b>Fire Suppression</b>								
	Chemical System							
	Dry	100%			2022	\$26,700	1-3	\$3,600
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Out Side Of The Building</i>					
			<i>Explanation : For The Gas Station</i>					

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CLOVE LAKES PARK WAR MEMORIAL SKATING RINK  
 Address : 1321 VICTORY BLVD AND LABAU AVE  
 Borough : STATEN ISLAND Agency's Number : R005-030  
 Program / Asset # : PAR0015.030 / 4498 Yr Built/Renovated : 1972 /  
 Area Sq Ft : 6,700 Project Type : PARKS AND RECREATION  
 Date of Survey : 02-Oct-2015 Landmark Status : NONE  
 Areas Surveyed : Roof, Floors 1  
 Block : 319 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture	\$35,700	\$125,100
Electrical	\$70,800	
Mechanical		\$116,900
<b>Total</b>	<b>\$106,500</b>	<b>\$242,000</b>
Importance Code B	\$106,500	\$242,000
<b>Total</b>	<b>\$106,500</b>	<b>\$242,000</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$58,600		\$9,900	
Interior Architecture	\$11,200		\$3,300	
Electrical	\$9,700	\$500	\$10,000	\$500
Mechanical	\$4,400	\$2,700	\$27,600	\$2,000
<b>Total</b>	<b>\$84,000</b>	<b>\$3,100</b>	<b>\$50,800</b>	<b>\$2,500</b>
Importance Code A	\$59,200	\$600	\$10,500	\$600
Importance Code B	\$24,700	\$2,500	\$40,300	\$1,900
Importance Code C				
<b>Total</b>	<b>\$84,000</b>	<b>\$3,100</b>	<b>\$50,800</b>	<b>\$2,500</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WAR MEMORIAL SKATING RINK**

**Asset # : 4498**

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								
Alum/Vinyl Siding	10%			2037	**	10	\$600	
Masonry: Brick	35%	Now	\$19,500	LIFE	**	5	\$6,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	35%			2032	**	5	\$19,800	
Stucco Cement	10%	Now	\$5,300	2040	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Doors</i>								
Window Wall	10%	Now	\$26,600	2037	**	5	\$3,400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Clerstory Windows Above Central Public Space</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Clerstory Windows</i>								
<i>Explanation : Thermally Inefficient</i>								
Windows								
Aluminum	100%			2035	**	5	\$500	
Parapets								
Masonry: Brick	50%	0-2	\$6,000	LIFE	**	5	\$1,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Not Accessible	50%							
Roof								
Asphalt Shingle	50%			2030	**	10	\$1,000	
Skylight, Plastic	5%			2032	**	1		
Not Accessible	45%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : At Base Of Clerstory Windows. No Access</i>								
<i>Explanation : Flat Epdm Roof</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$11,300	
Ceramic Tile	5%			2030	**	5	\$500	
Ceramic Tile	5%			2030	**	5	\$500	
Sheet Vinyl/Rubber	40%			2027		5	\$6,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Layered Above Existing Floor Throughout Public Space</i>								
Interior Walls								
Ceramic Tile	10%			2030	**	5	\$100	
Concrete Masonry Unit	70%			LIFE	**	5	\$300	
Masonry: Brick	10%			LIFE	**			
SGFT/Glazed Masonry	10%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WAR MEMORIAL SKATING RINK**

**Asset # : 4498**

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

**Interior**

**Ceilings**

AcousTileSusp.Lay-In	5%			2032	**	5	\$500	
Exposed Struc: Steel	20%			LIFE	**			
Exposed Struc: Wood	30%	4+	\$35,700	LIFE	**			

*Staining/Discoloring, Extent : Moderate, Area Affected : 20%*

*Location : Main Public Space*

Fiber Board	25%			2032	**			
Wood	20%	Now	\$10,700	LIFE	**	5	\$16,200	

*Split/Cracked, Extent : Moderate, Area Affected : 35%*

*Location : At Eaves*

*Worn/Eroded, Extent : Severe, Area Affected : 25%*

*Location : At Eaves*

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

**Under 600 Volts**

**Service Equipment**  
Fused Disc Sw

100%				2027	\$1,500	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : 3-1200 Amperes Bolted Pressure Switches*

**Transformers**

**Dry Type**

100%				2032	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : 15 Kva, 480/208/120 Volts*

**Switchgear / Switchboard**

**Fused Disc Sw**

100%				2027	\$33,000	5		
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**Raceway**

**Conduit**

100%				2027	\$32,000	1		
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**Panelboards**

**Fused Disc Sw**

50%				2026	\$7,600	5	\$100	
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**Molded Case Bkrs**

50%				2026	\$7,600	5	\$100	
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**Wiring**

**Thermoplastic**

100%				2027	\$28,300	1		
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**Motor Controllers**

**Locally Mounted**

100%				2032	**	5		
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**Ground**

**Grounding Devices**

**Generic**

100%	Now		\$9,700	LIFE	**	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Boiler Room*

*Explanation : Covered With Paint*

**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.*

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WAR MEMORIAL SKATING RINK**

**Asset # : 4498**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	30%			2027	\$20,500	10	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2032	**	10	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chiller Room</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	5%			2022	\$3,400	10	\$300	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Entrance</i>								
HID	30%			2027	\$14,000	10	\$100	
Incandescent	25%			2027	\$17,100	2		
<b>Egress Lighting</b>								
Emergency, Battery	50%			2027	\$4,600	10	\$800	
Exit, Service	50%			2027	\$500	1		
<b>Exterior Lighting</b>								
HID	20%			2022	\$5,200	10		
No Component	80%							
<b>Alarm</b>								
Fire/Smoke Detection								
Generic, Analog	100%	Now	\$70,800	2037	**	1-3	\$3,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Station Are Not Operational</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2037	**	1		
<b>Conversion Equipment</b>								
Furnace	15%			2027	\$2,300	1	\$500	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 1 Unit</i>								
Steam Boiler	85%			2032	**	1	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 85%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Natural Gas Steam Boiler</i>								
<b>Distribution</b>								
Central Plant Steam	85%			2037	**	4	\$400	
Piping/Pmp								
No Component	15%							

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WAR MEMORIAL SKATING RINK**

**Asset # : 4498**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	50%			2027	\$45,000	1	\$2,100	
Convactor/Radiator	10%			2025	\$3,400	1	\$200	
Fan Coil Unit/Heat	25%			2022	\$24,000	1	\$500	
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Centrifugal, Elec Chiller	100%			2040	**	1	\$7,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Adjacent To Bubble</i>								
<i>Explanation : 2 Units For Ice Rink. Refrigerant Ammonia.</i>								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2053	**	4	\$500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	\$71,800	1	\$4,100	
Heat Rejection								
Water Cooling Tower	100%			2028	\$24,300	2	\$6,700	
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$1,900	
No Component	50%							
Exhaust Fans								
Roof	50%	Now	\$1,100	2027	\$5,300	2	\$100	
<i>Not in Service, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Roof</i>								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Electric	10%			2025	\$600	4		
No Component	90%							
HW Heat Exchanger								
Steam Fired	100%			2037	**	4	\$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	20%			LIFE	**	1		
No Component	80%							
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK 3-STORY MULTI PURPOSE BLDG.  
**Address** : CORBIN PLACE-WEST 37TH STREET W. 25ST. AND SURF AVE.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0111.B02 / 622 **Yr Built/Renovated** : 1936 / 1993  
**Area Sq Ft** : 27,079 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 7069 **Lot** : 14 **BIN** : 3329347

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$1,428,000	\$218,200
Interior Architecture	\$602,800	\$169,600
Electrical	\$276,700	\$141,400
Mechanical		\$731,600
<b>Total</b>	<b>\$2,307,500</b>	<b>\$1,260,900</b>
Importance Code A	\$1,428,000	\$218,200
Importance Code B	\$470,400	\$1,042,600
Importance Code C	\$409,100	
<b>Total</b>	<b>\$2,307,500</b>	<b>\$1,260,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$16,400	\$3,300		
Interior Architecture	\$25,500			
Electrical	\$22,900	\$19,400		
Mechanical	\$5,000	\$37,600	\$6,300	\$4,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$73,800</b>	<b>\$64,200</b>	<b>\$10,200</b>	<b>\$8,200</b>
Importance Code A	\$19,100	\$6,300	\$2,700	\$2,700
Importance Code B	\$54,700	\$57,900	\$7,500	\$5,500
Importance Code C				
<b>Total</b>	<b>\$73,800</b>	<b>\$64,200</b>	<b>\$10,200</b>	<b>\$8,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK 3-STORY MULTI PURPOSE BLDG.**  
**Asset # : 622**

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	85%	Now	\$615,200	LIFE	**	5	\$178,100	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
Masonry: Brick	10%	Now	\$64,500	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
Metal Sect. OHD	5%			2031	**	5	\$6,500	
Windows								
Wood	100%	Now	\$229,800	2051	**	5	\$40,100	
<i>Air Infiltration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	100%	Now	\$60,700	LIFE	**	5	\$32,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : West Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Facade</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK 3-STORY MULTI PURPOSE BLDG.**  
**Asset # : 622**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	85%	Now	\$279,100	2036		**		
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Third Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	10%	Now	\$16,400	2026	\$32,800			1
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	5%	Now	\$178,700	2056		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	90%	0-2	\$123,200	LIFE		**	5	\$84,600
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	10%	0-2	\$25,500	2029	\$85,000		5	\$2,100
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	40%	Now	\$325,900	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : First Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First Floor</i>								
Ceramic Tile	10%	0-2	\$35,500	2035		**	5	\$2,100
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	50%	Now	\$47,700	LIFE		**	5	\$8,400
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair</i>								
Ceilings								
Exposed Concrete	100%	Now	\$70,600	LIFE		**	5	\$6,700
<i>Water Penetration, Extent : Light, Area Affected : 15%</i>								
<i>Location : Third Floor</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK 3-STORY MULTI PURPOSE BLDG.**

**Asset # : 622**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2026	\$2,600	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical And Mechanical Room</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$33,000	5	\$700	
Raceway								
Conduit	90%			2026	\$28,800	1		
Conduit	10%			2036	**	1		
Panelboards								
Fused Disc Sw	5%			2034	**	5		
Molded Case Bkrs	15%			2034	**	5	\$100	
Molded Case Bkrs	80%			2025	\$18,300	5	\$600	
Wiring								
Braided Cloth	80%	2-4	\$22,600	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2036	**	1		
Motor Controllers								
Locally Mounted	20%			2031	**	5		
Locally Mounted	80%			2024	\$37,000	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	75%			2021	\$207,500	10	\$18,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps And Compact Spiral Bulbs</i>								
Incandescent	25%			2021	\$69,200	2	\$200	
Exterior Lighting								
HID	100%			2026	\$104,400	10	\$100	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$8,400	
Conversion Equipment								
Steam Boiler	100%			2031	**	1	\$26,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 2 Units</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK 3-STORY MULTI PURPOSE BLDG.**

**Asset # : 622**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Distribution								
	Central Plant Steam Piping/Pmp	100%			2026	\$438,100	4	\$1,300
Terminal Devices								
	Air Handler	70%			2026	\$254,800	1	\$11,700
	Convactor/Radiator	20%			2024	\$27,700	1	\$1,800
	Fan Coil Unit/Heat	10%			2026	\$38,800	1	\$900
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2034	**	1	
Conversion Equipment								
	Window/Wall Unit	10%			2021	\$5,400	1	
	No Component	90%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	70%			LIFE	**	2-5	\$10,600
	No Component	30%						
Exhaust Fans								
	Interior	70%			2031	**	2	\$600
	No Component	30%						
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%			2031	**	1	
Water Heater								
	Electric	100%			2021	\$22,800	4	\$200
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Submersible	100%	Now	\$900	2021	\$900	4	\$600
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Water Flooding In Basement</i>								
<b>Fixtures</b>								
	Generic	100%						
<b>Vertical Transport</b>								
Elevators								
	Geared Traction	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st To 3rd Floor</i>								
<i>Explanation : 1 Unit</i>								

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*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS  
**Address** : CORBIN PLACE-WEST 37TH STREET W. 25TH ST. AND BOARDWALK  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0111.B03 / 604 **Yr Built/Renovated** : 1958 / 2014  
**Area Sq Ft** : 4,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,796,200	\$1,766,200
Interior Architecture	\$116,000	\$195,800
Electrical		\$82,800
<b>Total</b>	<b>\$1,912,200</b>	<b>\$2,044,800</b>
Importance Code A	\$1,796,200	\$1,766,200
Importance Code B	\$116,000	\$278,600
<b>Total</b>	<b>\$1,912,200</b>	<b>\$2,044,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$18,400		
Interior Architecture	\$275,600			\$15,700
Electrical	\$13,100	\$33,700		
<b>Total</b>	<b>\$288,700</b>	<b>\$52,100</b>		<b>\$15,700</b>
Importance Code A		\$18,400		
Importance Code B	\$288,700	\$33,600		\$15,700
Importance Code C				
<b>Total</b>	<b>\$288,700</b>	<b>\$52,100</b>		<b>\$15,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS**

**Asset # : 604**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$19,600	
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	80%	Now	\$579,300	LIFE	**	5	\$62,700	1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade, West Facade</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South Facade, West Facade</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Corners</i>								
Metal Coiling Doors	15%			2031	**	5	\$36,700	
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$451,500	2051	**	5	\$78,800	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	50%	Now	\$102,500	LIFE	**	5	\$4,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South Facade, East Facade, West Facade</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South Facade, East Facade, West Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood Rail	50%	Now	\$39,100	2027	\$65,200	5	\$30,900	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS**

**Asset # : 604**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Roof</b>								
Built-Up (BUR)	60%	Now	\$374,300	2026	\$935,700			
<i>Alligatoring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	40%	Now	\$249,500	2026	\$623,800			
<i>Alligatoring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	15%	0-2	\$272,100	2028	\$272,100	3	\$31,300	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	50%			LIFE	**	5	\$152,300	
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2035	**	5	\$7,000	
Vinyl Tile	30%	0-2	\$72,500	2031	**	3	\$15,700	
<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	10%			LIFE	**	5	\$2,000	
Gypsum Board	10%			LIFE	**	5	\$3,000	
Masonry: Brick	40%			LIFE	**			
Plaster	40%			LIFE	**	5	\$5,900	
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileConcealSpLn	50%			2031	**	5	\$87,000	
Exposed Concrete	50%			LIFE	**	5	\$10,900	
<i>Repairs in Progress, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								

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

Under 600 Volts

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS**

**Asset # : 604**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2026	\$2,600	5	\$100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : First Floor</i>						
		<i>Explanation : Rating Not Available</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$82,800	5	\$100	
Raceway								
Conduit	10%			2036	**	1		
Conduit	90%			2026	\$12,800	1		
Panelboards								
Fused Disc Sw	5%			2025	\$800	5		
Molded Case Bkrs	20%			2034	**	5		
Molded Case Bkrs	75%			2025	\$11,400	5	\$100	
Wiring								
Braided Cloth	70%	2-4	\$13,000	2051	**	1		
		<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Thermoplastic	30%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2024	\$30,100	5		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	85%			2021	\$20,800	10	\$3,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Using T-12 Lamps</i>						
Incandescent	15%			2021	\$8,100	2		
Egress Lighting								
Exit, Service	100%			2021	\$1,400	1		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Not Accessible	100%							
Conversion Equipment								
Under Construction	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Under Construction, No Access For Mechanical Survey</i>						

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

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**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS**

**Asset # : 604**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
	Distribution							
	Under Construction	100%						
	Terminal Devices							
	Under Construction	100%						
Air Conditioning								
	Energy Source							
	Electricity	100%		2042		* *	1	
	Conversion Equipment							
	Under Construction	100%						
Plumbing								
	H/C Water Piping							
	Under Construction	100%						
	Water Heater							
	Under Construction	100%						
	Sanitary Piping							
	Under Construction	100%						
	Storm Drain Piping							
	Under Construction	100%						
	Sump Pump(s)							
	Not Accessible	100%						
	Sewage Ejector(s)							
	Not Accessible	100%						
	Backflow Preventer							
	Not Accessible	100%						
	Fixtures							
	Under Construction	100%						
Fire Suppression								
	Standpipe							
	Not Accessible	100%						
	Sprinkler							
	Not Accessible	100%						
	Fire Pump							
	Not Accessible	100%						
	Chemical System							
	Not Accessible	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE  
**Address** : W. 16TH STREET AND BEACH  
**Borough** : BROOKLYN **Agency's Number** : B169-19  
**Program / Asset #** : PAR0111.019 / 619 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 2,285 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Mechanical		\$46,500
<b>Total</b>		<b>\$46,500</b>
Importance Code B		\$46,500
<b>Total</b>		<b>\$46,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$700	\$600	
Interior Architecture				
Electrical		\$9,600		
Mechanical	\$300	\$200	\$500	\$200
<b>Total</b>	<b>\$300</b>	<b>\$10,500</b>	<b>\$1,100</b>	<b>\$200</b>
Importance Code A	\$100	\$700	\$800	
Importance Code B	\$200	\$9,800	\$400	\$200
Importance Code C				
<b>Total</b>	<b>\$300</b>	<b>\$10,500</b>	<b>\$1,100</b>	<b>\$200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 619**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Exterior</b>									
Exterior Walls									
	Cast in Place Concrete	5%			LIFE	**	5	\$1,800	
	Metal Panel	5%			2046	**	5-10	\$2,500	
	Pre-Cast Concrete	90%			LIFE	**	5	\$21,600	
Windows									
	Aluminum	100%			2042	**	5	\$1,200	
Roof									
	Metal Panel	100%			2039	**	10	\$17,400	
<b>Interior</b>									
Floors									
	Cast in Place Concrete	100%			LIFE	**	5	\$7,500	
Interior Walls									
	Concrete Masonry Unit	100%			LIFE	**	5	\$600	
Ceilings									
	Exposed Concrete	100%			LIFE	**	5	\$600	
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>									
Service Equipment									
	Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Electrical Room And Mechanical Room</i>									
<i>Explanation : One 200 Ampere Main Disconnect Switch</i>									
Transformers									
	Dry Type	100%			2039	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Electrical Room And Mechanical Room</i>									
<i>Explanation : One 45 Kva 208v-480v/277v</i>									
Raceway									
	Conduit	100%			2046	**	1		
Panelboards									
	Fused Disc Sw	20%			2042	**	5		
	Molded Case Bkrs	80%			2042	**	5		
Wiring									
	Thermoplastic	100%			2046	**	1		
Motor Controllers									
	Locally Mounted	100%			2039	**	5		
<b>Ground</b>									
Grounding Devices									
	Not Accessible	100%							
<b>Lighting</b>									

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



**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 619**

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

**Lighting**

Interior Lighting Fluorescent	100%			2031	**	10	\$2,100	
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*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : Using T-8 Lamps*

Egress Lighting Exit, Service	100%			2031	**	1		
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Exterior Lighting Incandescent	100%			2021	\$7,500	2		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Energy Source Electricity	100%			2052	**	1		
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Conversion Equipment Heat Pump Air Sourced	100%			2030	**	2	\$700	
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*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : 1st Floor*  
*Explanation : 2 Units*

Terminal Devices Air Handler	100%			2031	**	1	\$1,400	
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**Air Conditioning**

Energy Source Electricity	100%			2048	**	1		
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Conversion Equipment Int Pkg Unit - Heating/Cooling	100%			2027	\$46,500	2	\$100	
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**Ventilation**

Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,300	
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Exhaust Fans Interior	100%			2031	**	2	\$100	
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**Plumbing**

H/C Water Piping Brass/Copper	100%			2046	**	1		
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Water Heater Electric	100%			2024	\$1,900	4		
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Sanitary Piping Cast Iron	100%			LIFE	**	1		
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Backflow Preventer Generic	100%			2031	**	1	\$100	
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Fixtures Generic	100%							
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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*  
*Estimates are rounded to the nearest hundred dollars.*  
*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
 Address : **STILLWELL AVE. AND BEACH BAY 13**  
 Borough : **BROOKLYN** Agency's Number : **B169-21**  
 Program / Asset # : **PAR0111.021 / 621** Yr Built/Renovated : **2003 /**  
 Area Sq Ft : **3,842** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **08-Oct-2014** Landmark Status : **NONE**  
 Areas Surveyed : **Roof, Floors 1**  
 Block : Lot : BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$90,600
<b>Total</b>		<b>\$90,600</b>
Importance Code A		\$90,600
<b>Total</b>		<b>\$90,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$1,400	\$600	
Interior Architecture	\$2,900			
Electrical		\$3,500		
Mechanical	\$300	\$500	\$600	\$1,000
<b>Total</b>	<b>\$3,200</b>	<b>\$5,400</b>	<b>\$1,300</b>	<b>\$1,000</b>
Importance Code A		\$1,600	\$600	\$200
Importance Code B	\$3,200	\$3,800	\$700	\$800
Importance Code C				
<b>Total</b>	<b>\$3,200</b>	<b>\$5,400</b>	<b>\$1,300</b>	<b>\$1,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 621**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$3,600	
Metal Panel	5%			2046	**	5-10	\$5,000	
Pre-Cast Concrete	90%			LIFE	**	5	\$42,100	
Windows								
Aluminum	100%			2042	**	5	\$1,300	
Roof								
Metal Panel	100%			2039	**	10	\$48,500	
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2035	**	5	\$5,800	
Interior Walls								
Concrete Masonry Unit	100%			LIFE	**	5	\$1,300	
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$1,600	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 225 Amperes</i>								
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	20%			2042	**	5		
Molded Case Bkrs	80%			2042	**	5	\$100	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	100%			2039	**	5		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2031	**	10	\$3,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Egress Lighting								
Exit, Service	100%			2031	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 621**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Lighting								
Exterior Lighting HID	100%			2026	\$14,800	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source Electricity	100%			2052	**	1		
Conversion Equipment Heat Pump Air Sourced	100%			2027		2	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 2 Units</i>								
Terminal Devices Air Handler	100%			2031	**	1	\$2,400	
Air Conditioning								
Energy Source Electricity	100%			2042	**	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling	100%			2030	**	2	\$200	
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,100	
Exhaust Fans Interior	100%			2031	**	2	\$100	
Plumbing								
H/C Water Piping Brass/Copper	100%			2046	**	1		
Water Heater Gas Fired	100%			2024	\$2,200	2	\$100	
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Pool Filter/Treatment Sand	100%			2039	**	4	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjacent To Bath House</i>								
<i>Explanation : For Palm Tree Fountain</i>								
Backflow Preventer Generic	100%			2031	**	1	\$200	
Fixtures								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE  
**Address** : W. 2ND ST. AND BOARDWALK  
**Borough** : BROOKLYN **Agency's Number** : B169-13  
**Program / Asset #** : PAR0111.013 / 1177 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,320 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8657 **Lot** : 1 **BIN** : 3244233

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$207,900	
<b>Total</b>	<b>\$207,900</b>	
Importance Code A	\$207,900	
<b>Total</b>	<b>\$207,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$29,400			
Interior Architecture	\$49,800			
Electrical	\$15,400			
Mechanical	\$20,000	\$200		
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$118,500</b>	<b>\$4,200</b>	<b>\$4,000</b>	<b>\$4,000</b>
Importance Code A	\$29,400			
Importance Code B	\$77,100	\$4,200	\$4,000	\$4,000
Importance Code C	\$12,000			
<b>Total</b>	<b>\$118,500</b>	<b>\$4,200</b>	<b>\$4,000</b>	<b>\$4,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**

**Asset # : 1177**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	100%	Now	\$147,100	LIFE	**	5	\$15,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
Windows								
Metal Louvers	40%	0-2	\$4,600	2035	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Steel	60%	Now	\$60,800	2051	**	5	\$7,100	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	50%	Now	\$24,800	LIFE	**	5	\$1,400	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Not Accessible	50%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	65%	0-2	\$5,200	LIFE	**	5	\$10,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Not Accessible	35%							
Interior Walls								
Plaster	45%	Now	\$4,900	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	20%	0-2	\$7,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Not Accessible	35%							

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**

**Asset # : 1177**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
Exposed Concrete	30%	Now	\$22,100	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Mens Restrooms</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Mens Restrooms</i>								
Plaster	35%	Now	\$10,500	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Not Accessible	35%							

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Raceway								
Conduit	100%			2026	\$3,800	1		
Panelboards								
Not Accessible	100%							
Wiring								
Braided Cloth	100%	2-4	\$8,300	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Lighting								
Interior Lighting								
Incandescent	100%	2-4	\$7,000	2036	**	2		
<i>Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Alarm								
Security System								
No Component	80%							
Generic	20%			2036	**	1	\$100	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	100%			2026		1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**

**Asset # : 1177**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Terminal Devices							
	Fan Coil Unit/Heat	100%	Now	\$18,900	2036	**	1	\$400
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Office And Toilet Rooms</i>								
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%			2024	\$5,500	1	
	Water Heater							
	Electric	100%	Now	\$1,100	2026	\$1,100	4	
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Toilet Room</i>								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Non-Submersible	100%			2021	\$200	4	
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD BUILDING  
**Address** : CORBIN PLACE-WEST 37TH STREET W. 22ND ST. END  
**Borough** : BROOKLYN **Agency's Number** : B169-20  
**Program / Asset #** : PAR0111.020 / 620 **Yr Built/Renovated** : 1973 /  
**Area Sq Ft** : 2,065 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$57,600	
<b>Total</b>	<b>\$57,600</b>	
Importance Code A	\$57,600	
<b>Total</b>	<b>\$57,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$40,100			
Interior Architecture				
Electrical				
Mechanical	\$3,500	\$1,700		
<b>Total</b>	<b>\$43,600</b>	<b>\$1,800</b>		
Importance Code A	\$40,100			
Importance Code B	\$3,500	\$1,800		
Importance Code C				
<b>Total</b>	<b>\$43,600</b>	<b>\$1,800</b>		



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD BUILDING**  
**Asset # : 620**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	15%	Now	\$13,800	LIFE	**	5	\$6,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Underside Of Overhang</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Underside Of Overhang</i>								
Masonry: Brick	60%	Now	\$14,700	LIFE	**	5	\$4,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corners</i>								
Metal Coiling Doors	25%	Now	\$57,600	2031	**	5	\$3,100	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
<b>Windows</b>								
Metal Louvers	10%	Now	\$100	2029	\$700			
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Steel	90%	2-4	\$11,500	2051	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$6,800	
<b>Interior Walls</b>								
Plaster	100%			LIFE	**	5	\$2,100	
<b>Ceilings</b>								
Exposed Concrete	100%			LIFE	**	5	\$500	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD BUILDING**  
**Asset # : 620**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$100	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$4,600	10	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Exterior Lighting								
HID	100%			2026	\$8,000	10		
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Air Conditioning								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Window/Wall Unit	50%	Now	\$2,100	2026	\$2,100	1		
<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 1st Floor</i>								
No Component	50%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2039	**	1		
Water Heater								
Electric	100%			2021	\$1,700	4		
Sanitary Piping								
Cast Iron	100%	Now	\$1,400	LIFE	**	1		
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Restroom</i>								
<i>Explanation : Clogged</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Not Accessible	100%							
Sewage Ejector(s)								
Not Accessible	100%							

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD BUILDING**  
**Asset # : 620**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>	
Plumbing								
	Fixtures							
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD QUARTERS & FIRST AID  
**Address** : W. 16TH STREET AND BEACH  
**Borough** : BROOKLYN **Agency's Number** : B169-16  
**Program / Asset #** : PAR0111.016 / 618 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 1,492 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$500	\$200	
Interior Architecture	\$100			
Electrical		\$6,300		
Mechanical	\$500			
<b>Total</b>	<b>\$600</b>	<b>\$6,800</b>	<b>\$300</b>	
Importance Code A		\$500	\$200	
Importance Code B	\$600	\$6,300		
Importance Code C				
<b>Total</b>	<b>\$600</b>	<b>\$6,800</b>	<b>\$300</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD QUARTERS & FIRST AID**  
**Asset # : 618**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$1,400	
Metal Panel	5%			2046	**	5-10	\$2,000	
Pre-Cast Concrete	90%			LIFE	**	5	\$16,700	
Windows								
Aluminum	100%			2042	**	5	\$500	
Roof								
Metal Panel	100%			2039	**	10	\$11,900	
<b>Interior</b>								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$4,400	
Ceramic Tile	10%			2035	**	5	\$200	
Interior Walls								
Concrete Masonry Unit	100%			LIFE	**	5	\$900	
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$300	
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	**	5		
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	20%			2042	**	5		
Molded Case Bkrs	80%			2042	**	5		
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	100%			2039	**	5		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2031	**	10	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Egress Lighting								
Exit, Service	100%			2031	**	1		
Exterior Lighting								
Incandescent	100%			2021			\$4,900	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD QUARTERS & FIRST AID**  
**Asset # : 618**

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%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	50%			2024	\$1,500	1		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$500	2046	**	1		
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Mens Room</i>								
Water Heater								
Gas Fired	100%			2024	\$900	2		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK REST AREA  
**Address** : W. 8TH ST. AND BEACH POLOR BEAR CLUB WALK  
**Borough** : BROOKLYN **Agency's Number** : B169-14  
**Program / Asset #** : PAR0111.014 / 1178 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,496 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$29,500			
Interior Architecture	\$16,500			
<b>Total</b>	<b>\$45,900</b>			
Importance Code A	\$29,500			
Importance Code B	\$6,100			
Importance Code C	\$10,300			
<b>Total</b>	<b>\$45,900</b>			



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



**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK REST AREA**

**Asset # : 1178**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	100%	Now	\$29,500	LIFE	**	5	\$12,800	1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	100%			LIFE	**			
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$8,200	
Interior Walls								
Cast in Place Concrete	100%	Now	\$10,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	100%	Now	\$6,100	LIFE	**	5	\$600	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND PARACHUTE JUMP  
**Address** : W 17 ST. AND BOARDWALK  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0111.010 / 13885 **Yr Built/Renovated** : 1939 /  
**Area Sq Ft** : 28,740 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 7073 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$324,100
Interior Architecture		\$94,100
<b>Total</b>		<b>\$418,200</b>
Importance Code A		\$324,100
Importance Code B		\$94,100
<b>Total</b>		<b>\$418,200</b>

**EXPENSE**

<b>Total</b>	
Importance Code	
<b>Total</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND PARACHUTE JUMP**  
**Asset # : 13885**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Exposed Struc: Steel	100%			LIFE	**	5	\$324,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boardwalk</i>								
<i>Explanation : This Structure Is Closed To The Public And Not In Operation</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$94,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Metal: Cage/Fence	100%			LIFE	**			
<i>Recent Repair Evident, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Not Accessible	100%							
<b>Switchgear / Switchboard</b>								
Not Accessible	100%							
<b>Raceway</b>								
Not Accessible	100%							
<b>Panelboards</b>								
Not Accessible	100%							
<b>Wiring</b>								
Not Accessible	100%							
<b>Motor Controllers</b>								
Not Accessible	100%							
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Exterior Lighting</b>								
Not Accessible	100%							
<b>Lightning Protection</b>								
<b>Arresters/Cabling</b>								
Not Accessible	100%							
<b>Alarm</b>								
<b>Security System</b>								
Not Accessible	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONFERENCE HOUSE PARK CONFERENCE HOUSE  
**Address** : 7455 HYLAN BLVD.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0216.000 / 14030 **Yr Built/Renovated** : 1680 /  
**Area Sq Ft** : 1,680 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Mar-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 7857 **Lot** : 90 **BIN** : 5087656

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$195,400	
<b>Total</b>	<b>\$195,400</b>	
Importance Code A	\$195,400	
<b>Total</b>	<b>\$195,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$19,900		\$7,000	
Interior Architecture	\$3,700			
Electrical			\$8,800	
Mechanical	\$200	\$100	\$1,900	\$200
<b>Total</b>	<b>\$23,900</b>	<b>\$200</b>	<b>\$17,700</b>	<b>\$200</b>
Importance Code A	\$20,000	\$100	\$7,100	\$100
Importance Code B	\$2,400	\$100	\$10,700	\$100
Importance Code C	\$1,500			
<b>Total</b>	<b>\$23,900</b>	<b>\$200</b>	<b>\$17,700</b>	<b>\$200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CONFERENCE HOUSE PARK CONFERENCE HOUSE**  
**Asset # : 14030**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	5%			LIFE	**	5	\$500	
Masonry: Fieldstone	70%	2-4	\$41,500	LIFE	**	5	\$5,600	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement Walls</i>								
Wood	25%			2032	**	5	\$13,400	
<b>Windows</b>								
Wood	90%			2035	**	5	\$7,900	
Wood	10%			2035	**	5	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Windows.</i>								
<i>Explanation : Protective Metal Grilles</i>								
<b>Parapets</b>								
Masonry: Brick	20%	2-4	\$100	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	80%							
<b>Roof</b>								
Metal Panel	2%			2032	**	10	\$300	
Wood Shingles	98%	2-4	\$15,400	2023	\$153,900			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Ridge Line</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : East And West Slopes</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	5%			LIFE	**	5	\$300	
Wood	95%			2030	**	5	\$4,500	
<b>Interior Walls</b>								
Plaster	100%	2-4	\$1,500	LIFE	**	5	\$2,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement Walls</i>								
<b>Ceilings</b>								
Plaster	95%			LIFE	**	5	\$1,500	
Wood	5%			LIFE	**	5	\$1,100	

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONFERENCE HOUSE PARK CONFERENCE HOUSE**  
**Asset # : 14030**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2026	\$8,300	5		
Wiring								
Thermoplastic	90%			2027	\$8,200	1		
Thermoplastic	10%			2057	**	1		
Motor Controllers								
Locally Mounted	100%			2025	\$8,000	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
Lighting								
Interior Lighting								
Incandescent	90%			2022	\$8,800	2		
Incandescent	10%			2037	**	2		
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2027	\$3,900	1-3	\$200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2037	**	5	\$500	
Conversion Equipment								
Hot Water Boiler	100%			2032	**	1	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Of Caretaker Residence</i>								
<i>Explanation : (1) #2 Oil Burning Hot Water Boiler</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2035	**	4	\$100	
Terminal Devices								
Convactor/Radiator	80%			2032	**	1	\$400	
No Component	20%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Second Floor And Attic Level</i>								
<i>Explanation : The Fire Places That Serve These And Other Space Are Capped Off</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONFERENCE HOUSE PARK CONFERENCE HOUSE**  
**Asset # : 14030**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Air Conditioning	Conversion Equipment							
	Interior Pkg Unit - Cooling	15%			2028	\$9,800	2	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Exhibit Basement</i>					
			<i>Explanation : Whole Basement Dehumidifier</i>					
	Window/Wall Unit	25%			2025	\$900	1	
	No Component	60%						
	Dehumidifier							
	Generic	100%			2028	\$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	
	Sump Pump(s)							
	Submersible	100%			2020	\$100	4	\$100
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CROCHERON PARK MAIN BUILDING  
**Address** : 215 PLACE AND 33RD ROAD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0148.020 / 13633 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,295 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 6140 **Lot** : 80 **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$71,800			
Interior Architecture	\$8,200			
Electrical	\$12,100			
Mechanical	\$1,100	\$300	\$2,100	\$300
<b>Total</b>	<b>\$93,300</b>	<b>\$300</b>	<b>\$2,200</b>	<b>\$300</b>
Importance Code A	\$72,100	\$200	\$200	\$200
Importance Code B	\$19,900	\$100	\$1,900	\$100
Importance Code C	\$1,300			
<b>Total</b>	<b>\$93,300</b>	<b>\$300</b>	<b>\$2,200</b>	<b>\$300</b>



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

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**CROCHERON PARK MAIN BUILDING**  
**Asset # : 13633**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$14,500	
Stucco Cement	10%	0-2	\$5,100	2042	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Elevation Portico</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Portico</i>								
<i>Explanation : Steel Columns That Support The Portico Are Rusting</i>								
Wood	5%	Now	\$6,900	2034	**	5	\$1,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Fascias, East Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Fascias, East Facade</i>								
Windows								
Wood	100%	Now	\$20,800	2054	**	5	\$3,600	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Slate	100%	Now	\$31,900	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Soffits								
Stucco Cement	100%			2034	**	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$1,500	
Terrazzo	90%			LIFE	**	5	\$4,800	
Interior Walls								
Plaster	50%			LIFE	**	5-10	\$1,100	
SGFT/Glazed Masonry	50%			LIFE	**	10	\$600	
Ceilings								
Exposed Concrete	40%			LIFE	**	5-10	\$1,700	
Plaster	60%			LIFE	**	5-10	\$3,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	**			
Retaining Walls								
Cast in Place Concrete	100%			2064	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CROCHERON PARK MAIN BUILDING**  
**Asset # : 13633**

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

## Site Pavements

## On-Site Walkways

Asphalt	60%			2038	**			
Pavers/Stone	40%			2038	**			

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2039	**	5		
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement*

*Explanation : Main Service Disconnect Switch Rated At 100 Amperes.*

## Raceway

Conduit	100%			2039	**	1		
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## Panelboards

Fused Toggle Switch	30%	0-2	\$4,600	2054	**	5		
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*On Extended Life, Extent : Moderate, Area Affected : 100%*

*Location : 1st Floor*

Molded Case Bkrs	70%			2037	**	5		
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## Wiring

Braided Cloth	30%	2-4	\$5,600	2054	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : 1st Floor*

Thermoplastic	70%			2039	**	1		
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## Motor Controllers

Locally Mounted	100%			2034	**	5		
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## Ground

## Grounding Devices

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

## Interior Lighting

Fluorescent	90%			2024	\$12,000	10	\$1,900	
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*T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

Incandescent	10%			2024	\$3,000	2		
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## Egress Lighting

Emergency, Battery	50%			2029	\$1,600	10	\$300	
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Exit, Service	50%			2029	\$400	1		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Heating

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CROCHERON PARK MAIN BUILDING**  
**Asset # : 13633**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Energy Source	Fuel Oil No 2	100%			2029	\$4,300	5	\$700
Conversion Equipment	Steam Boiler	100%			2034	**	1	\$2,300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution	Steam Piping/Pump	100%			2029	\$9,700		
Terminal Devices	Convactor/Radiator	100%			2034	**	1	\$700
<b>Air Conditioning</b>								
Energy Source	Electricity	100%			2037	**	1	
Conversion Equipment	Window/Wall Unit	10%			2027	\$500	1	
	No Component	90%						
<b>Plumbing</b>								
H/C Water Piping	Galvanized Steel	100%			2027	\$9,600	1	
Water Heater	Oil Fired	100%			2022	\$1,800	1	\$100
Sanitary Piping	Cast Iron	100%	0-2	\$800	LIFE	**	1	
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Street Sewage Causes Water Back Up In Basement During Rainfall</i>								
Sump Pump(s)	Non-Submersible	100%			2024	\$300	4	\$100
<b>Fixtures</b>								
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CROTONA PARK RECREATION CENTER/ POOL HOUSE  
**Address** : 1700 FULTON AVE. OPPOSITE EAST 173RD STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0068.000 / 13886 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 12,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Jul-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2929 **Lot** : 28 **BIN** : 2009651

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$2,504,200	\$73,800
Interior Architecture	\$1,025,000	\$196,800
Electrical		\$259,600
Mechanical		\$142,400
<b>Total</b>	<b>\$3,529,200</b>	<b>\$672,600</b>
Importance Code A	\$2,504,200	\$174,200
Importance Code B	\$751,300	\$498,400
Importance Code C	\$273,600	
<b>Total</b>	<b>\$3,529,200</b>	<b>\$672,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$6,100			
Interior Architecture	\$29,400			
Electrical	\$39,700	\$1,100	\$19,200	\$700
Mechanical	\$21,600	\$700	\$8,900	\$1,200
<b>Total</b>	<b>\$96,700</b>	<b>\$1,800</b>	<b>\$28,100</b>	<b>\$1,900</b>
Importance Code A	\$6,700	\$600	\$600	\$600
Importance Code B	\$60,700	\$1,100	\$27,500	\$1,300
Importance Code C	\$29,400			
<b>Total</b>	<b>\$96,700</b>	<b>\$1,800</b>	<b>\$28,100</b>	<b>\$1,900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**

**Asset # : 13886**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%	Now	\$320,400	LIFE	**	5	\$15,900	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Glass Block	5%	Now	\$45,100	LIFE	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Bulkheads</i>								
Masonry: Brick	90%	Now	\$614,700	LIFE	**	5	\$36,600	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	100%	Now	\$345,700	2052	**	5	\$37,200	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$57,600	LIFE	**	5	\$3,200	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	80%	Now	\$419,100	LIFE	**	5	\$6,500	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Metal Rail	5%	Now	\$6,100	2032	**	5	\$2,900	1
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deformed/Dented, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**

**Asset # : 13886**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	75%	Now	\$664,700	2037	**			1
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Panel/Paver: Cer/Brk	25%	Now	\$36,900	2037	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	60%	Now	\$199,500	LIFE	**	5	\$75,400	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Panel/Paver: Cer/Brk	30%	Now	\$270,700	2035	**	5	\$19,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	10%	Now	\$42,200	2055	**	5	\$5,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Glazed Ceramic Panel	10%	Now	\$29,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	40%	Now	\$145,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Plaster	30%	Now	\$56,100	LIFE	**	5	\$3,800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	20%	Now	\$72,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**

**Asset # : 13886**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$60,200	2032	**	5	\$8,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Fiber Board	30%	Now	\$48,600	2027	\$121,400			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Plaster	40%	Now	\$130,100	LIFE	**	5	\$13,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2027	\$2,700	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement / Electrical Room</i>								
<i>Explanation : 2- Main Service Disconnect Switches Rated At 400 Amperes Each.</i>								
Fused Disc Sw	50%			2027	\$2,700	5		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : 2- Main Service Disconnect Switches Rated At 600 Amperes Each. Enclosure Corroded</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2027	\$90,300	5	\$100	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Electrical Room</i>								
Raceway								
Conduit	100%			2027	\$24,700	1		
Panelboards								
Fused Disc Sw	20%			2026	\$6,700	5	\$100	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Filter Room</i>								
Molded Case Bkrs	60%			2026	\$20,000	5	\$200	
Molded Case Bkrs	20%			2035	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**

**Asset # : 13886**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Thermoplastic	80%			2027	\$21,600	1		
Thermoplastic	20%			2037	**	1		
<b>Motor Controllers</b>								
Locally Mounted	50%			2025	\$25,200	5		
Locally Mounted	50%	0-2	\$25,200	2047	**	5		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : On Extended Life And Very Corroded</i>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	0-2	\$10,600	LIFE	**	5	\$200	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	40%			2022	\$12,300	10	\$4,600	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices, Basement And Hallways</i>								
Fluorescent	10%	0-2	\$3,100	2037	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Filter Room And Basement</i>								
<i>Explanation : T-12 Lamps; Inadequate Lighting Level</i>								
HID	49%			2027	\$10,900	10	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Locker Rooms</i>								
<i>Explanation : Metal Halide Hid Fixtures</i>								
Incandescent	1%			2022	\$1,500	2		
<b>Egress Lighting</b>								
Emergency, Battery	50%			2027	\$9,400	10	\$1,500	
Exit, Service	50%			2027	\$1,900	1		
<b>Exterior Lighting</b>								
HID	20%			2027	\$10,500	10		
No Component	80%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	90%							
Generic	10%			2027	\$4,200	1	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : CCTV Surveillance Camera System</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2027	\$144,100	1-3	\$7,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**  
**Asset # : 13886**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2037	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2025	\$100,400	1	\$6,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Natural Gas Hot Water Boilers</i>								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$2,000	2035	* *	4	\$600	
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various</i>								
Terminal Devices								
Convactor/Radiator	10%			2025	\$7,000	1	\$400	
Unit Heater - Steam	90%			2027	\$41,900	4	\$1,000	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2022	\$1,400	1		
No Component	95%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$700	
No Component	90%							
Exhaust Fans								
Interior	10%	Now	\$200	2022	\$4,600	2		
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement Mechanical Equipment Room, Defective Exhaust Fan</i>								
Wall Unit	30%			2032	* *	2	\$100	
No Component	60%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	20%			2027	\$19,400	1		
Galvanized Steel	80%	0-2	\$9,100	2032	* *	1		
<i>Corroded, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pool Filter Room</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Pool Filter Room</i>								
Water Heater								
Gas Fired	100%	Now	\$7,900	2027	\$7,900	2	\$100	
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Not Working For Few Years, Basement Boiler Room</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2022	\$2,000	4	\$300	

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**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**

**Asset # : 13886**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Pool Filter/Treatment Sand	100%			2032	**	4	\$4,600
<i>Broken, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Pool Mechanical Equipment Room, Several Broken Diversion / Isolation Valves</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Pool Filter Room</i>								
<hr/>								
	Fixtures							
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003  
**Address** : L.I.E. TO GRAND CENTRL PKWY @ UNION TNPK AND 199 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0008.030 / 770 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 8,012 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$176,400	
Interior Architecture	\$112,700	
Mechanical		\$186,700
Site Pavements	\$43,700	
<b>Total</b>	<b>\$332,900</b>	<b>\$186,700</b>
Importance Code A	\$176,400	
Importance Code B	\$112,700	\$186,700
Importance Code C	\$43,700	
<b>Total</b>	<b>\$332,900</b>	<b>\$186,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$53,400		\$1,000	
Interior Architecture	\$69,800			\$100
Electrical	\$21,000	\$100	\$100	\$200
Mechanical	\$19,800	\$1,000	\$2,600	\$900
Site Pavements	\$21,900			
<b>Total</b>	<b>\$185,900</b>	<b>\$1,100</b>	<b>\$3,700</b>	<b>\$1,200</b>
Importance Code A	\$54,200	\$800	\$1,800	\$800
Importance Code B	\$107,200	\$300	\$1,900	\$400
Importance Code C	\$24,500			
<b>Total</b>	<b>\$185,900</b>	<b>\$1,100</b>	<b>\$3,700</b>	<b>\$1,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	6%	Now	\$8,800	LIFE	**	5	\$3,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement At West Side</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Windows At West Side</i>								
<i>Explanation : Rusting Masonry Support</i>								
Concrete Masonry Unit	7%			LIFE	**	5	\$1,100	
Masonry: Brick	30%			LIFE	**	5	\$7,600	
Masonry: Fieldstone	25%	Now	\$56,200	LIFE	**	5	\$2,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southwest Corner</i>								
<i>Explanation : Misaligned/ Bulging</i>								
Masonry: Granite	2%	Now	\$6,100	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Window Sills</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
Metal Sect. OHD	5%			2042	**	5	\$2,000	
Wood	5%			2034	**	5	\$3,200	
Wood	5%	Now	\$34,100	2049	**	5	\$1,600	1
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Wood Overhangs</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Wood Overhangs</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Wood Overhangs</i>								
Wood Overhead Doors	15%	Now	\$61,700	2049	**	5	\$4,800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
Windows								
Steel	100%	Now	\$58,600	2054	**	5	\$6,900	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Asphalt Shingle	100%			2038	**	10	\$3,900	
Interior								
Floors								
Cast in Place Concrete	65%	Now	\$16,500	LIFE	**	5	\$17,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Quarry Tile	25%			2034	**	5	\$4,500	
Steel Plate	3%	Now	\$33,300	LIFE	**	1		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stairs To Basement</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs To Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs To Basement</i>								
Vinyl Tile	7%	Now	\$7,200	2039	**	3	\$300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Office</i>								
<i>Uneven Surface, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Office, 1st Floor, Lockers</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Office, Locker Rooms</i>								
Interior Walls								
Cast in Place Concrete	5%			LIFE	**	10	\$500	
Concrete Masonry Unit	5%			LIFE	**	5	\$200	
Masonry: Brick	65%			LIFE	**	10	\$800	
Plaster	15%	Now	\$1,000	LIFE	**	5	\$200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office</i>								
SGFT/Glazed Masonry	10%			LIFE	**	10	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
Exposed Struc: Wood	70%	Now	\$112,700	LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Area Under Office</i>								
<i>Explanation : Temporary Columns And Beams Were Added To Provide Extra Support.</i>								
<i>These Structural Members Show Signs Of Corrosion</i>								
Gypsum Board	2%	0-2	\$800	LIFE		**	5	\$300
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Locker Rooms</i>								
<i>Explanation : Unfinished Surface</i>								
Plaster	28%	Now	\$9,400	LIFE		**	5	\$2,200
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Shops</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Shops</i>								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049		**		
Retaining Walls								
Cast in Place Concrete	100%			2049		**		
Site Pavements								
Parking/Driveway								
Asphalt	45%	0-2	\$21,900	2038		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	55%	Now	\$43,700	2034		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2029	\$1,500	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room 1st Floor</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$24,900	5	\$200	
Raceway								
Conduit	100%			2029	\$3,800	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Toggle Switch	5%	2-4	\$400	2054	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office 1st Floor</i>								
Molded Case Bkrs	95%			2028	\$7,200	5	\$200	
<b>Wiring</b>								
Braided Cloth	60%	2-4	\$5,000	2054	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2029	\$3,300	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2027	\$7,300	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main Basement</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	60%			2024	\$10,700	10	\$4,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	20%			2034	**	10	\$1,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout the Building</i>								
LED	20%			2039	**			
<b>Egress Lighting</b>								
Emergency, Battery	70%			2024	\$7,700	10	\$1,400	
Exit, Service	30%			2024	\$700	1		
<b>Exterior Lighting</b>								
HID	50%			2024	\$15,400	10		
LED	50%			2039	**			
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2024	\$7,400	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 4 - CCTV Surveillance Cameras</i>								

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

**Heating**

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**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2039	**	1		
Conversion Equipment								
Steam Boiler	100%			2034	**	1	\$7,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	\$13,000	2029	\$129,600	4	\$400	
<i>Not in Service, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Motor Of Vacuum Pump In The Basement</i>								
Terminal Devices								
Convactor/Radiator	50%			2027	\$20,500	1	\$1,300	
Unit Heater - Steam	50%			2024	\$13,700	4	\$500	
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2022	\$1,600	1		
No Component	90%							
Ventilation								
Exhaust Fans								
Wall Unit	30%			2024	\$800	2	\$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$5,700	2029	\$57,100	1		
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Water Main, Basement</i>								
Water Heater								
Gas Fired	100%			2024	\$4,700	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2029	\$1,200	4	\$300	
Fixtures								
Generic	100%							
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Locker Room, Ground Floor</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DOUGLASTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT  
**Address** : COMMONWEALTH BLVD AND 63RD AVE  
**Borough** : QUEENS **Agency's Number** : Q411-02  
**Program / Asset #** : PAR0033.002 / 898 **Yr Built/Renovated** : 1925 / 2006  
**Area Sq Ft** : 33,256 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Apr-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 9310 **Lot** : 125 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$277,600	\$71,100
Interior Architecture		\$58,200
Electrical	\$237,900	\$230,100
Mechanical		\$178,300
<b>Total</b>	<b>\$515,500</b>	<b>\$537,800</b>
Importance Code A	\$277,600	\$71,100
Importance Code B	\$237,900	\$466,600
<b>Total</b>	<b>\$515,500</b>	<b>\$537,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$12,300	\$8,900	\$2,300
Interior Architecture	\$6,200		\$6,700	
Electrical	\$11,700	\$4,100	\$3,700	\$3,200
Mechanical	\$16,100	\$5,300	\$7,000	\$4,900
<b>Total</b>	<b>\$34,000</b>	<b>\$21,700</b>	<b>\$26,300</b>	<b>\$10,400</b>
Importance Code A	\$1,600	\$14,300	\$10,500	\$3,900
Importance Code B	\$32,300	\$7,400	\$15,700	\$6,500
Importance Code C				
<b>Total</b>	<b>\$34,000</b>	<b>\$21,700</b>	<b>\$26,300</b>	<b>\$10,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**DOUGLSTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Fieldstone	25%			LIFE	**	5	\$6,900	
Stucco Cement	65%	Now	\$141,900	2031	**	5	\$30,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Near Service Access And Throughout</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Facade</i>								
Window Wall	10%			2046	**	5	\$13,800	
Windows								
Aluminum	100%			2048	**	5	\$4,600	
Parapets								
Stucco Cement	75%			2031	**	5		
Wood Rail	25%			2024		5-10		
Roof								
Asphalt Shingle	10%			2029	\$18,700	10	\$900	
Clay Tile	50%	Now	\$90,800	2046	**			1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Over Bathrooms</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Service Access</i>								
Modified Bitumen	10%			2031	**	10	\$5,300	
Roll Roofing	20%			2022	\$44,900	5	\$17,800	
Sloped Glazing	10%			LIFE	**	5	\$71,100	
Interior								
Floors								
Carpet	30%			2025	\$173,400	3	\$20,000	
Cast in Place Concrete	10%			LIFE	**	5	\$9,700	
Ceramic Tile	28%			2035	**	5	\$12,400	
Granite Panels	2%			LIFE	**	5	\$700	
Marble Panels	5%			LIFE	**	5	\$1,700	
Wood	25%			2054	**	5	\$20,800	
Interior Walls								
Gypsum Board	25%			LIFE	**	5	\$2,200	
Plaster	50%			LIFE	**	5	\$2,200	
Wood	25%			LIFE	**	5	\$15,000	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	**	5	\$4,400	
Exposed Struc: Wood	15%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$2,800	
Plaster	55%			LIFE	**	5	\$15,200	
Wood	15%			LIFE	**	5	\$58,200	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**DOUGLSTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	15%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200a Main Disconnect Switch For Fire Pump</i>								
Molded Case Bkrs	60%			2036	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 600a Main Disconnect Switch For Restaurant</i>								
Molded Case Bkrs	15%			2026	\$400	5	\$100	
Molded Case Bkrs	10%			2026	\$300	5	\$100	
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2036	**	5	\$900	
<b>Raceway</b>								
Conduit	30%			2026	\$9,600	1		
Conduit	70%			2036	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2034	**	5		
Molded Case Bkrs	30%			2025	\$6,900	5	\$300	
Molded Case Bkrs	65%			2034	**	5	\$600	
<b>Wiring</b>								
Braided Cloth	30%	2-4	\$8,500	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Thermoplastic	70%			2036	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2031	**	5	\$200	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$500	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	30%			2026	\$101,900	10	\$9,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices, Kitchen, Basement</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	70%			2021	\$237,900	2	\$500	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2026	\$22,900	10	\$4,000	
Exit, Service	50%			2026	\$2,400	1		
<b>Exterior Lighting</b>								
HID	100%			2026	\$128,200	10	\$100	
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2031	**	1	\$12,400	

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**DEPT. OF PARKS & RECREATION - 846**  
**DOUGLSTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Alarm</b>								
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$20,500	
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Furnace	100%			2031	**	1	\$16,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roofs</i>								
<i>Explanation : 8 Roof Top Package Units</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	15%			2027	\$178,300	2	\$300	
<i>R-134a Refrigerant, Extent : Light, Area Affected : 25%</i>								
<i>Location : 1st Floor Ball Room</i>								
Reciprocating Compr/Chiller	15%			2031	**	1	\$2,300	
<i>R-134a Refrigerant, Extent : Light, Area Affected : 15%</i>								
<i>Location : 1st Floor Terrace</i>								
Ext Pkg Unit - Heating/Cooling	70%			2031	**	2	\$1,400	
<i>R-134a Refrigerant, Extent : Light, Area Affected : 70%</i>								
<i>Location : Roofs</i>								
Terminal Devices								
Air Handler/Cool/Ht	15%			2031	**	1	\$3,100	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2031	**	2	\$3,500	
No Component	85%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$18,500	
Exhaust Fans								
Interior	60%			2031	**	2	\$600	
Roof	40%			2031	**	2	\$400	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**DOUGLASTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Water Heater Gas Fired	100%			2024	\$19,400	2	\$500
	Sanitary Piping Cast Iron	100%	0-2	\$11,600	LIFE	**	1	
<i>Leak Evident, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fixtures								
	Generic	100%						
Fire Suppression								
	Sprinkler Generic	100%			2036	**	1-2	\$9,300
	Fire Pump Generic	100%			2035	**	1	\$6,200
	Chemical System Generic	100%			2024	\$26,700	1-3	\$3,700

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DYCKMAN FARMHOUSE  
**Address** : 4881 BROADWAY @ W.204 ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0175.000 / 4527 **Yr Built/Renovated** : 1784 / 1982  
**Area Sq Ft** : 4,040 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Jun-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2238 **Lot** : 23 **BIN** : 1064955

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$61,300	\$204,200
Mechanical		\$71,300
<b>Total</b>	<b>\$61,300</b>	<b>\$275,500</b>
Importance Code A	\$61,300	\$204,200
Importance Code B		\$71,300
<b>Total</b>	<b>\$61,300</b>	<b>\$275,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$25,300			
Interior Architecture	\$31,600		\$4,400	
Electrical	\$1,900	\$500	\$200	\$100
Mechanical	\$500	\$500	\$600	\$500
<b>Total</b>	<b>\$59,400</b>	<b>\$1,000</b>	<b>\$5,200</b>	<b>\$700</b>
Importance Code A	\$25,700	\$400	\$400	\$400
Importance Code B	\$30,600	\$600	\$4,800	\$300
Importance Code C	\$3,100			
<b>Total</b>	<b>\$59,400</b>	<b>\$1,000</b>	<b>\$5,200</b>	<b>\$700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**DYCKMAN FARMHOUSE**  
**Asset # : 4527**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%			LIFE	**	5	\$900	
Masonry: Fieldstone	60%			LIFE	**	5	\$4,100	
Wood	30%	4+	\$20,300	2031	**	5	\$6,800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exterior Trim</i>								
Windows								
Wood	100%	4+	\$5,100	2034	**	5	\$3,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Exterior Trim</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Exterior Sills</i>								
Roof								
Wood Shingles	100%	0-2	\$61,300	2029	\$204,200			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Caretaker Wing, Main Building</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main House And Caretaker's Wing</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Caretaker Wing</i>								
Interior								
Floors								
Carpet	5%			2022	\$4,300	3	\$500	
Cast in Place Concrete	7%			LIFE	**	5	\$900	
Panel/Paver: Cer/Brk	10%			2034	**	5	\$1,400	
Wood	78%	Now	\$21,600	2041	**	5	\$4,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement - Cooking Area</i>								
<i>Deflection Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Door Thresholds, Entry Corridor</i>								
Interior Walls								
Masonry: Brick	2%			LIFE	**			
Masonry: Fieldstone	30%			LIFE	**			
Plaster	65%	4+	\$3,100	LIFE	**	5	\$600	
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Wood	3%			LIFE	**	5	\$400	
Ceilings								
Plaster	70%	0-2	\$6,900	LIFE	**	5	\$2,600	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor Bedrooms</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Wood	30%			LIFE	**	5	\$15,900	

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**DEPT. OF PARKS & RECREATION - 846**  
**DYCKMAN FARMHOUSE**  
**Asset # : 4527**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Caretaker Apartment</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5	\$100	
Wiring								
Braided Cloth	20%	0-2	\$1,800	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Branch Circuits Throughout</i>								
Thermoplastic	80%			2036	**	1		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	10%			2031	**	10	\$400	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	80%			2026	\$18,800	2	\$100	
Incandescent	10%			2031	**	2		
Exterior Lighting								
HID	50%			2031	**	10		
No Component	50%							
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	50%							
Generic, Digital	50%			2031	**	1-3	\$1,200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Steam Boiler	100%			2043	**	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Boiler</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**DYCKMAN FARMHOUSE**  
**Asset # : 4527**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating									
Distribution									
	Central Plant Steam Piping/Pmp	100%			2026	\$71,300	4	\$200	
Terminal Devices									
	Convactor/Radiator	100%			2031	* *	1	\$1,300	
Air Conditioning									
Energy Source									
	Electricity	100%			2042	* *	1		
Ventilation									
Exhaust Fans									
	Wall Unit	1%			2026		2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Bathrooms</i>									
<i>Explanation : Bathroom Exhaust Fans Only</i>									
	No Component	99%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2036	* *	1		
Water Heater									
	Gas Fired	100%			2025	\$2,600	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : 1 Unit 30 Gallon Residential</i>									
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DYKER BEACH PARK CLUBHOUSE  
**Address** : DYKER BEACH GOLF COURSE 7TH AVENUE AND 86TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0004.005 / 13979 **Yr Built/Renovated** : 1935 / 2008  
**Area Sq Ft** : 14,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Aug-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 6418 **Lot** : 1 **BIN** : 3390962

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$275,700	
Electrical		\$1,400
<b>Total</b>	<b>\$275,700</b>	<b>\$1,400</b>
Importance Code A	\$275,700	
Importance Code B		\$1,400
<b>Total</b>	<b>\$275,700</b>	<b>\$1,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				\$900
Interior Architecture	\$83,000	\$1,200		\$198,700
Electrical	\$1,600	\$1,300	\$9,400	\$1,800
Mechanical	\$4,900	\$3,200	\$9,800	\$3,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$93,500</b>	<b>\$9,600</b>	<b>\$23,100</b>	<b>\$208,800</b>
Importance Code A	\$700	\$700	\$700	\$1,600
Importance Code B	\$91,300	\$8,300	\$22,400	\$207,200
Importance Code C	\$1,400	\$600		
<b>Total</b>	<b>\$93,500</b>	<b>\$9,600</b>	<b>\$23,100</b>	<b>\$208,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%	Now	\$39,300	LIFE	**	5	\$8,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	75%	Now	\$236,400	LIFE	**	5	\$25,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal/Glass Curt Wall	20%			LIFE	**	5	\$12,800	
<b>Windows</b>								
Aluminum	100%			2043	**	5	\$1,800	
<b>Roof</b>								
Slate	100%			LIFE	**			
<b>Interior</b>								
<b>Floors</b>								
Carpet	70%	0-2	\$57,300	2023	\$191,100	3	\$22,000	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	5%	0-2	\$1,100	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2036	**	5	\$1,000	
Quarry Tile	5%			2040	**	5	\$1,600	
Vinyl Tile	10%			2032	**	3	\$1,000	
Wood	5%			2055	**	5	\$2,000	
<b>Interior Walls</b>								
Ceramic Tile	5%			2036	**	5	\$1,300	
Concrete Masonry Unit	5%			LIFE	**	5	\$500	
Gypsum Board	55%			LIFE	**	5	\$8,300	
Plaster	35%	2-4	\$1,400	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%			2040	**	5	\$3,600	
Plaster	80%	2-4	\$19,200	LIFE	**	5	\$9,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
	Service Equipment							
	Fused Disc Sw	100%			2047	**	5	\$100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.</i>					
	Switchgear / Switchboard							
	Fused Disc Sw	100%			2047	**	5	\$100
	Raceway							
	Conduit	100%			2047	**	1	
	Panelboards							
	Fused Disc Sw	10%			2043	**	5	
	Molded Case Bkrs	90%			2043	**	5	\$300
	Wiring							
	Thermoplastic	100%			2047	**	1	
	Motor Controllers							
	Locally Mounted	100%			2040	**	5	\$100
<b>Ground</b>								
	Grounding Devices							
	Generic	100%			LIFE	**	5	\$200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement- Mechanical Room</i>					
			<i>Explanation : Connected To Metal Water Pipe</i>					
<b>Lighting</b>								
	Interior Lighting							
	Fluorescent	41%			2032	**	10	\$5,300
			<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
	Fluorescent	8%			2032	**	10	\$1,000
			<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Hallways</i>					
	Fluorescent	1%			2027	\$1,400	10	\$100
			<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
	Incandescent	50%			2032	**	2	\$200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Hallways, Ballrooms</i>					
			<i>Explanation : Chandelier Lights, Track Lights</i>					
	Egress Lighting							
	Emergency, Battery	50%			2032	**	10	\$1,700
	Exit, LED	50%			2055	**	1	
	Exterior Lighting							
	HID	30%			2032	**	10	
	Incandescent	40%			2032	**	2	
	LED	30%			2032	**		

**Alarm**

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**DEPT. OF PARKS & RECREATION - 846**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Alarm								
Security System Generic	100%			2032	**	1	\$5,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways,Ballrooms, Outside</i>								
<i>Explanation : CCTV Surveillance Camera System And Intrusion Alarm System</i>								
Fire/Smoke Detection Generic, Digital	100%			2032	**	1-3	\$8,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations,Strobe Lights And Alarm Bells</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source Natural Gas	100%			2047	**	1		
Conversion Equipment Hot Water Boiler	100%			2040	**	1	\$6,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit</i>								
Distribution Hot Wtr Piping/Pump	100%			2043	**	4	\$700	
Terminal Devices Air Handler	70%			2032	**	1	\$6,100	
Convector/Radiator	30%			2040	**	1	\$1,400	
Air Conditioning								
Energy Source Electricity	100%			2043	**	1		
Distribution Ductwork/Diffusers	100%			LIFE	**	2	\$18,200	
Terminal Devices Air Handler/Cool/Ht	100%			2032	**	1	\$8,700	
Heat Rejection Air Cooled Condenser Unit	100%			2032	**	2	\$9,800	
Plumbing								
H/C Water Piping Brass/Copper	100%			2047	**	1		
Water Heater Gas Fired	100%			2026	\$8,200	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit Of 225 Gallons</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Backflow Preventer							
	Generic	100%			2032	**	1	\$900
	Fixtures							
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators							
	Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement To 1st Floor</i>					
			<i>Explanation : 1 Unit</i>					
<b>Fire Suppression</b>								
	Sprinkler							
	Generic	100%			2053	**	1-2	\$3,900
	Chemical System							
	Generic	100%			2025	\$26,700	1-3	\$3,700

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL  
**Address** : 342 EAST 54 STREET @ FIRST AVE.  
**Borough** : MANHATTAN **Agency's Number** : M130-01  
**Program / Asset #** : PAR0058.001 / 274 **Yr Built/Renovated** : 1911 / 2014  
**Area Sq Ft** : 19,746 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 1346 **Lot** : 32 **BIN** : 1039840

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$110,800	\$89,900
Interior Architecture	\$217,700	\$160,000
Electrical	\$81,100	\$41,500
Mechanical		\$607,800
<b>Total</b>	<b>\$409,600</b>	<b>\$899,200</b>
Importance Code A	\$110,800	\$248,600
Importance Code B	\$261,100	\$490,600
Importance Code C	\$37,700	\$160,000
<b>Total</b>	<b>\$409,600</b>	<b>\$899,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$35,100	\$3,300	\$900	
Interior Architecture	\$74,200	\$12,600		
Electrical	\$2,000	\$14,900	\$2,200	\$1,900
Mechanical	\$33,200	\$16,000	\$4,600	\$4,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$148,500</b>	<b>\$50,700</b>	<b>\$11,700</b>	<b>\$10,500</b>
Importance Code A	\$66,800	\$4,300	\$1,900	\$1,000
Importance Code B	\$67,400	\$46,400	\$9,700	\$9,500
Importance Code C	\$14,200			
<b>Total</b>	<b>\$148,500</b>	<b>\$50,700</b>	<b>\$11,700</b>	<b>\$10,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	90%	4+	\$110,800	LIFE	**	5	\$33,000	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Facade</i>								
Masonry: Granite	5%			LIFE	**	5	\$1,400	
Masonry: Limestone	5%			LIFE	**	5	\$1,400	
<b>Windows</b>								
Aluminum	30%			2042	**	5	\$1,900	
Glass Block	40%			LIFE	**	5	\$1,600	
Wood	30%	Now	\$5,900	2034	**	5	\$9,400	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 3rd Floor, North Facade, Gymnasium Throughout</i>								
<b>Parapets</b>								
Masonry: Brick	60%	Now	\$7,000	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Connection Points For Decorative Fencing, North Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : High Parapet Walls</i>								
Masonry: Limestone	10%	Now	\$4,200	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade At Cornice, Atop High Parapet Walls</i>								
Metal: Cage/Fence	20%			2031	**	5-10	\$5,600	
Pre-Cast Concrete	10%			LIFE	**	5	\$2,300	
<b>Roof</b>								
Roll Roofing	90%	Now	\$18,000	2025	\$89,900	5	\$16,300	
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Patch</i>								
Skylight, Metal/Glass	10%			2036	**	10	\$7,200	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	5%			LIFE	**	5	\$3,200	
Quarry Tile	52%			2031	**	5	\$23,000	
Sheet Vinyl/Rubber	5%			2031	**	5	\$2,200	
Terrazzo	8%			LIFE	**	5	\$1,800	
Wood	30%	0-2	\$32,400	2041	**	5	\$8,300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Gymnasium, Multi Purpose Room</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	15%			2029	\$160,000	5	\$5,200	
Masonry: Brick	25%	Now	\$37,700	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement At Sidewalk Vault</i>								
Marble Panels	20%			LIFE	**			
<i>Recent Repair Evident, Extent : Light, Area Affected : 60%</i>								
<i>Location : Pool Area</i>								
Plaster	25%	Now	\$7,800	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pool Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Stair To Boiler Room</i>								
Wood	15%	Now	\$6,500	LIFE	**	5	\$20,800	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Concrete	10%	Now	\$21,100	LIFE	**	5	\$500	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement At Sidewalk Vault - Access Hatch Not In Use</i>								
Masonry: Infill Arch	25%	Now	\$180,000	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Pool Area</i>								
<i>Explanation : Repairs In Progress</i>								
Masonry: Infill Arch	50%			LIFE	**			
Plaster	15%	Now	\$6,500	LIFE	**	5	\$2,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout Rooms, Stairwells</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5	\$100	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Basement</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1600 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2036	**	5	\$500	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room In Basement</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	90%			2026	\$3,800	1		
Conduit	10%			2036	**	1		
Panelboards								
Fused Disc Sw	10%			2025	\$800	5		
Molded Case Bkrs	60%			2025	\$5,000	5	\$300	
Molded Case Bkrs	30%			2034	**	5	\$200	
Wiring								
Thermoplastic	30%			2036	**	1		
Thermoplastic	70%			2026	\$6,400	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	50%			2026	\$24,100	10	\$9,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	5%			2021	\$2,400	10	\$900	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Basement</i>						
HID	5%			2021	\$9,000	10		
Incandescent	40%			2021	\$45,900	2	\$200	
Egress Lighting								
Emergency, Battery	40%			2026	\$10,400	10	\$1,700	
Emergency, Battery	10%			2036	**	10	\$400	
Exit, Service	40%			2026	\$2,100	1		
Exit, Service	10%			2036	**	1		
Exterior Lighting								
HID	50%			2026	\$41,500	10		
Incandescent	50%			2021	\$35,200	2		
Lightning Protection								
Arresters/Cabling								
Generic	100%			2041	**	5	\$600	
Alarm								
Security System								
Generic	100%			2031	**	1	\$7,400	
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$12,200	

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	**	5	\$6,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Tank Of 3,000 Gallon Capacity</i>								
Conversion Equipment								
Hot Water Boiler	100%	Now	\$31,700	2024	\$158,700	1	\$8,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 3 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2034	**	4	\$1,000	
Terminal Devices								
Convactor/Radiator	30%			2031	**	1	\$1,900	
Fan Coil Unit/Heat	70%			2026	\$215,800	1	\$4,500	
Air Conditioning								
Energy Source								
Electricity	30%			2034	**	1		
No Component	70%							
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2026	\$52,400	1	\$2,800	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chiller</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : External Package Unit</i>								
Window/Wall Unit	25%			2021	\$10,700	1		
No Component	45%							
Distribution								
CW & CHW Wtr Pipe/Pump	30%			2036	**	4	\$400	
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2026	\$64,600	1	\$1,900	
Fan Coil - 2 Pipe	20%			2026	\$43,100	1	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Pool Dehumidifier, Mechanical Room, Basement</i>								
<i>Explanation : 2 Units, Air Handlers Working Off The Same Chiller</i>								
No Component	50%							
Dehumidifier								
Generic	100%			2024	\$100			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
Ventilation								

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

**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,000	
<b>Exhaust Fans</b>								
Interior	100%			2026	\$73,200	2	\$600	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	100%			2036	**	1		
<b>HW Heat Exchanger</b>								
HTHW/HW	100%			2036	**			
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Sump Pump(s)</b>								
Non-Submersible	100%			2026	\$3,100	4	\$400	
<b>Pool Filter/Treatment</b>								
Sand	100%			2031	**	4	\$4,900	
<b>Sewage Ejector(s)</b>								
Not Accessible	100%							
<b>Fixtures</b>								
Generic	100%							
<b>Vertical Transport</b>								
<b>Elevators</b>								
Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby To 4th Floor</i>								
<i>Explanation : One Unit</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FABER PARK FABER POOL, OLYMPIC  
**Address** : 2175 RICHMOND TERRACE @FABER ST.  
**Borough** : STATEN ISLAND **Agency's Number** : R008-02  
**Program / Asset #** : PAR0084.002 / 655 **Yr Built/Renovated** :  
**Area Sq Ft** : 10,640 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Nov-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 1070 **Lot** : 34 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$67,000	\$58,200
<b>Total</b>	<b>\$67,000</b>	<b>\$58,200</b>
Importance Code A	\$67,000	\$58,200
<b>Total</b>	<b>\$67,000</b>	<b>\$58,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				\$2,400
Interior Architecture	\$16,900			
Site Pavements	\$17,100			
<b>Total</b>	<b>\$34,000</b>			<b>\$2,400</b>
Importance Code A				\$2,400
Importance Code B	\$16,900			
Importance Code C	\$17,100			
<b>Total</b>	<b>\$34,000</b>			<b>\$2,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK FABER POOL, OLYMPIC**  
**Asset # : 655**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	90%	Now	\$67,000	LIFE	**	5	\$58,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cracking Of Fiberglass Coating - Various Locations Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Where Wall Meets Gutter</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fiberglass Coating</i>								
Metal Panel	10%			2038	**	5-10	\$8,900	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%	Now	\$16,900	LIFE	**	5	\$34,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Cracking Of Fiberglass Coating - Various Locations Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Expansion Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fiberglass Coating</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	40%			2048	**			
Iron Picket	60%			2063	**			
<b>Retaining Walls</b>								
Masonry: Brick	70%			2038	**			
Masonry: Fieldstone	30%			2038	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	30%			2037	**			
Cast in Place Concrete	70%	Now	\$17,100	2033	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 25%</i>								
<i>Location : At Perimeter Of Pool Basin</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
<b>Dehumidifier</b>								
Not Accessible	100%							
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Galvanized Steel	100%			2033	**	1		
<b>Pool Filter/Treatment</b>								
Not Accessible	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FABER PARK POOL HOUSE BUILDING  
**Address** : 2175 RICHMOND TERRACE @FABER ST.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0084.001 / 14376 **Yr Built/Renovated** : 1932 / 1996  
**Area Sq Ft** : 5,396 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Nov-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 1070 **Lot** : 34 **BIN** : 5095251

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$96,200	
Interior Architecture	\$40,700	
Electrical		\$57,000
Mechanical		\$39,800
<b>Total</b>	<b>\$136,900</b>	<b>\$96,800</b>
Importance Code A	\$96,200	\$39,800
Importance Code B		\$57,000
Importance Code C	\$40,700	
<b>Total</b>	<b>\$136,900</b>	<b>\$96,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$93,700	\$1,000		\$3,800
Interior Architecture	\$51,800			\$400
Electrical	\$300	\$400	\$400	\$8,800
Mechanical	\$4,800	\$9,000	\$500	\$500
Site Enclosure	\$20,500			
Site Pavements	\$24,100			
<b>Total</b>	<b>\$195,300</b>	<b>\$10,300</b>	<b>\$900</b>	<b>\$13,500</b>
Importance Code A	\$94,000	\$1,300	\$300	\$4,000
Importance Code B	\$50,500	\$9,100	\$600	\$9,400
Importance Code C	\$50,800			
<b>Total</b>	<b>\$195,300</b>	<b>\$10,300</b>	<b>\$900</b>	<b>\$13,500</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$29,800	LIFE	**	5	\$9,700	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Perimeter Of Building At Grade</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : East And West Facades At Utility Areas</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Mechanical Room - East Side</i>								
Masonry: Fieldstone	20%	Now	\$28,500	LIFE	**	5	\$2,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
Metal: Cage/Fence	5%			2033	**	5	\$3,500	
Stucco Cement	10%	Now	\$59,600	2048	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : South, East And West Facades</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Facades</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 50%</i>								
<i>Location : South Facade - Below Decorative Banding</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East And South Facades</i>								
Wood	5%			2033	**	5	\$4,000	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Columns</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
<i>Explanation : Wood Columns</i>								
Windows								
Aluminum	90%	Now	\$36,600	2036	**	5	\$1,400	
<i>Condensation Present, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : 1st Floor Windows</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : 1st Floor Windows</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 1st Floor Windows</i>								
Glass Block	5%			LIFE	**	5	\$100	
Metal Louvers	5%			2031	**	10	\$1,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Fieldstone	5%	Now	\$14,100	LIFE	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : East And West Plaza Roofs</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%</i>								
<i>Location : East And West Plaza Roofs</i>								
Metal Rail	10%	4+	\$2,100	2041	**	5	\$11,100	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Anchor Points</i>								
No Component	85%							
Roof								
Clay Tile	85%			2054	**	10	\$8,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Entire</i>								
Plaza Roof: Stone Panels	15%	Now	\$6,500	2038	**			
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 40%</i>								
<i>Location : At Curbs For Fence Posts</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Above Mechanical Room East Side</i>								
Soffits								
Cast in Place Concrete	85%	Now	\$8,800	LIFE	**	5	\$15,300	
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Support Beams - Basement Overhang</i>								
Stucco Cement	15%	Now	\$4,000	2033	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Edges Of Spandrel Beams - North Facade</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st Floor And Basement Overhangs (North Façade)</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$2,000	LIFE	**	5	\$4,000	
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement - Locker Rooms</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement - Locker Rooms</i>								
Ceramic Tile	8%	4+	\$1,500	2031	**	5	\$200	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Bathrooms And Basement Showers</i>								
Quarry Tile	12%			2033	**	5	\$800	
Wood	40%	Now	\$18,600	2043	**	5	\$1,700	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Main Hall - 1st Floor</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Hall - 1st Floor</i>								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	20%	Now	\$26,700	2031	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Entryways Between Pool And Locker Rooms</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Shower Areas</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$900	
Plaster	70%	Now	\$40,700	LIFE	**	5	\$5,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Locker Rooms, Entry Foyers, Stairs, various locations</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Stairs To Basement</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Stairs To Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Hall - 1st Floor Entrances, Basement - Various Locations</i>								
Ceilings								
Exposed Concrete	50%			LIFE	**	5	\$400	
Plaster	50%	Now	\$3,100	LIFE	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout Main Hall - 1st Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Hall - 1st Floor</i>								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2048	**			
Iron Picket	90%			2063	**			
Free Standing Walls								
Cast in Place Concrete	25%			2048	**			
Masonry: Brick	45%			2038	**			
Masonry: Fieldstone	30%			2038	**			
Retaining Walls								
Masonry: Brick	70%	Now	\$20,500	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations At Stairs And Boiler Enclosure</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stucco Covered</i>								
Masonry: Fieldstone	30%			2038	**			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%			2041	**			
Pavers/Stone	50%			2031	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

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

## Site Pavements

Parking/Driveway  
Asphalt

100% Now \$24,100 2037 \* \*

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

*Location : Access Roads*

*Ponding, Extent : Moderate, Area Affected : 30%*

*Location : Access Roads*

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%

Transformers

Not Accessible

100%

Switchgear / Switchboard

Not Accessible

100%

Raceway

Conduit

100%

2038

\* \* 1

Panelboards

Molded Case Bkrs

100%

2036

\* \* 5 \$100

Wiring

Thermoplastic

100%

2038

\* \* 1

Motor Controllers

Locally Mounted

100%

2033

\* \* 5

## Ground

Grounding Devices  
Not Accessible

100%

## Lighting

Interior Lighting

Fluorescent

50%

2023

\$6,000 10 \$2,500

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

*Location : Basement*

Fluorescent

50%

2028

\$6,000 10 \$2,500

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

*Location : Main Floor*

*Explanation : Compact Fluorescent Light Fixtures*

Egress Lighting

Emergency, Battery

50%

2028

\$3,700 10 \$700

Exit, Service

50%

2028

\$700 1

Exterior Lighting

HID

100%

2028

\$20,800 10

## Alarm

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

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

**Alarm**

Fire/Smoke Detection  
Generic, Analog

100% 2028 \$57,000 1-3 \$3,300

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

*Location : Throughout The Building*

*Explanation : Strobe Lights, Smoke Detectors, Manual Pull Station And Alarm Bells*

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

**Heating**

Energy Source

Natural Gas

100% 2038 \* \* 1

Conversion Equipment

Hot Water Boiler

100% 2026 \$39,800 1 \$2,700

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

*Location : Boiler Room*

*Explanation : 1 Unit*

Distribution

Central Plant Steam  
Piping/Pmp

100% Now \$4,400 2038 \* \* 4 \$300

*Corroded, Extent : Severe, Area Affected : 100%*

*Location : Boiler Room*

*Insul. Deteriorating, Extent : Severe, Area Affected : 100%*

*Location : Boiler Room*

*Leak Evident, Extent : Severe, Area Affected : 100%*

*Location : Boiler Room*

Terminal Devices

Convactor/Radiator

100% 2033 \* \* 1 \$1,700

**Air Conditioning**

Energy Source

Electricity

100% 2036 \* \* 1

Conversion Equipment

Window/Wall Unit

50% 2021 \$5,400 1

No Component

50%

**Ventilation**

Exhaust Fans

Wall Unit

50% 2028 \$900 2 \$100

No Component

50%

**Plumbing**

H/C Water Piping

Brass/Copper

30% 2038 \* \* 1

Galvanized Steel

70% 2026 \$15,800 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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Water Heater Gas Fired	100%			2021	\$3,100	2	\$100
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : 2 Units</i>					
Sanitary Piping	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)	Not Accessible	100%						
Pool Filter/Treatment	Not Accessible	100%						
Backflow Preventer	Not Accessible	100%						
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FDR BOARDWALK AND BEACH MIDLAND BEACH COMFORT STATION  
**Address** : FATHER CAPODANNO BLVD AND GREELY AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : R046-06A  
**Program / Asset #** : PAR0089.06A / 610 **Yr Built/Renovated** : 1960 /  
**Area Sq Ft** : 1,375 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 3128 **Lot** : 1 **BIN** : 5091105

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$18,300	\$100		
Interior Architecture	\$700			
Electrical	\$4,200			\$6,600
Mechanical				
<b>Total</b>	<b>\$23,200</b>	<b>\$100</b>		<b>\$6,600</b>
Importance Code A	\$18,300	\$100		
Importance Code B	\$4,200			\$6,600
Importance Code C	\$700			
<b>Total</b>	<b>\$23,200</b>	<b>\$100</b>		<b>\$6,600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH MIDLAND BEACH COMFORT STATION**  
**Asset # : 610**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$2,700	LIFE	**	5	\$2,300	
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Concrete Columns</i>								
Concrete Masonry Unit	25%	Now	\$4,900	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Used To Close Window Openings</i>								
Masonry: Brick	65%	Now	\$9,200	LIFE	**	5	\$3,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Exposed Locations From Paint Peeling And At Corners</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Corners Of Building</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : All Facades</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Base Of Building</i>								
Windows								
Fiberglass Panel	25%			2036	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Female Restoorm</i>								
<i>Explanation : Component Actually Single Pane Safety Glass</i>								
Glass Block	70%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Entire</i>								
<i>Explanation : Protective Metal Grilles</i>								
Metal Louvers	5%			2037	**	10	\$100	
Roof								
Not Accessible	100%							
Soffits								
Pre-Cast Concrete	100%	0-2	\$1,600	LIFE	**	5	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Underside Of Soffit</i>								
<i>Explanation : Paint Peeling</i>								
Interior								
Floors								
Terrazzo	100%			LIFE	**	5	\$1,600	
Interior Walls								
Concrete Masonry Unit	30%	0-2	\$700	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Interior Walls</i>								
Masonry: Brick	70%			LIFE	**			
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$300	
Site Pavements								
On-Site Walkways								
Asphalt	100%			2037	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH MIDLAND BEACH COMFORT STATION**  
**Asset # : 610**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 200 Ampere Main Disconnect Switches</i>								
<b>Raceway</b>								
Conduit	100%			2028	\$3,800	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2027	\$400	5		
Molded Case Bkrs	95%			2027	\$7,200	5		
<b>Wiring</b>								
Braided Cloth	50%	2-4	\$4,200	2053	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2028	\$4,200	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2026	\$7,300	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5		
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2033	**	10	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
<b>Exterior Lighting</b>								
HID	100%			2023	\$5,300	10		
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Galvanized Steel	100%			2033	**	1		
<b>Water Heater</b>								
Electric	100%			2026	\$1,200	4		
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Fixtures</b>								
Generic	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FDR BOARDWALK AND BEACH OCEAN BREEZE COMFORT STATION  
**Address** : CAPODANNO BLVD. AND SEAVIEW AVE. @ OCEAN BREEZE FISHING PIER  
**Borough** : STATEN ISLAND **Agency's Number** : R046-14  
**Program / Asset #** : PAR0089.014 / 13708 **Yr Built/Renovated** : 2004 /  
**Area Sq Ft** : 2,292 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3128 **Lot** : 1 **BIN** : 5091105

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$10,300	\$9,000		\$800
Interior Architecture	\$900	\$1,300	\$1,200	
Electrical				\$1,900
Mechanical	\$200	\$100	\$300	\$2,100
Site Pavements	\$3,500			
<b>Total</b>	<b>\$14,900</b>	<b>\$10,500</b>	<b>\$1,500</b>	<b>\$4,800</b>
Importance Code A	\$10,400	\$9,200	\$100	\$900
Importance Code B	\$4,500	\$1,300	\$200	\$3,900
Importance Code C			\$1,200	
<b>Total</b>	<b>\$14,900</b>	<b>\$10,500</b>	<b>\$1,500</b>	<b>\$4,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH OCEAN BREEZE COMFORT STATION**  
**Asset # : 13708**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	85%	0-2	\$10,000	LIFE	**	5	\$17,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Door Opening And Corners Of Building</i>								
Metal Panel	10%			2048	**	5-10	\$2,800	
Weathering Steel	5%	Now	\$300	LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Steel Column Connections</i>								
<i>Explanation : Corrosion / Rusting</i>								
<b>Windows</b>								
Glass Block	100%			LIFE	**	5		
<b>Roof</b>								
Metal Panel	100%			2041	**	10	\$9,000	
<b>Soffits</b>								
Metal Panel	75%			2048	**	5-10		
Wood	25%			2041	**	5		
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	50%			LIFE	**	5	\$3,800	
Quarry Tile	50%			2041	**	5	\$2,600	
<b>Interior Walls</b>								
Cast in Place Concrete	20%			LIFE	**			
Cast Stone/Terra Cotta	5%			LIFE	**			
Ceramic Tile	55%			2037	**	5	\$2,300	
Concrete Masonry Unit	10%			LIFE	**	5	\$200	
Gypsum Board	10%			LIFE	**	5	\$300	
<b>Ceilings</b>								
Exposed Concrete	100%	Now	\$900	LIFE	**	5	\$200	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement Ceiling From Plumbing Pipes Above</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Picket	100%			2048	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%			2063	**			
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	Now	\$3,500	2041	**			
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Boardwalk Level - Entry To Restrooms</i>								

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

Under 600 Volts

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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH OCEAN BREEZE COMFORT STATION**  
**Asset # : 13708**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2048	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Elctrical Room</i>						
		<i>Explanation : One 100 Amperes Main Disconnect Switch</i>						
Raceway								
Conduit	100%			2048	**	1		
Panelboards								
Fused Disc Sw	5%			2044	**	5		
Molded Case Bkrs	95%			2044	**	5	\$100	
Wiring								
Thermoplastic	100%			2048	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5		
<b>Lighting</b>								
Interior Lighting								
Fluorescent	90%			2033	**	10	\$1,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Incandescent	10%			2033	**	2		
Exterior Lighting								
HID	100%			2033	**	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2048	**	1		
Conversion Equipment								
Furnace	100%			2028	\$5,200	1	\$1,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : One Unit</i>						
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2044	**	1		
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,300	
Exhaust Fans								
Interior	100%			2033	**	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH OCEAN BREEZE COMFORT STATION**  
**Asset # : 13708**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%			2054	* *	1	
	Water Heater Electric	100%			2023	\$1,900	4	
	Sanitary Piping Cast Iron	100%			LIFE	* *	1	
	Sump Pump(s) Submersible	100%			2020	\$100	4	\$100
	Backflow Preventer Generic	100%			2036	* *	1	\$100
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FDR BOARDWALK AND BEACH S. BEACH COMFORT STATION ZONE 1  
**Address** : FATHER CAPODANNO BLVD BET SEAGATE CT. AND DOTY AVE.  
**Borough** : STATEN ISLAND **Agency's Number** : R046-08  
**Program / Asset #** : PAR0089.008 / 589 **Yr Built/Renovated** : 2000 /  
**Area Sq Ft** : 512 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3128 **Lot** : 1 **BIN** : 5091105

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$4,300	\$4,800		\$100
Interior Architecture		\$400		
Electrical				
Mechanical				\$400
Site Pavements	\$14,600			
<b>Total</b>	<b>\$18,900</b>	<b>\$5,200</b>		<b>\$600</b>
Importance Code A	\$4,300	\$4,800		\$100
Importance Code B		\$400		\$400
Importance Code C	\$14,600			
<b>Total</b>	<b>\$18,900</b>	<b>\$5,200</b>		<b>\$600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH S. BEACH COMFORT STATION ZONE 1**  
**Asset # : 589**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	90%	Now	\$4,300	LIFE	**	5	\$2,800	
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Base Of Building</i>								
Pre-Cast Concrete	8%			LIFE	**	5	\$800	
Window Wall	2%			2048	**	5	\$200	
<b>Windows</b>								
Steel	100%			2044	**	5	\$2,500	
<b>Roof</b>								
Metal Panel	100%			2041	**	10	\$4,800	
<b>Soffits</b>								
Metal Panel	100%			2048	**	5-10		
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	30%			LIFE	**	5	\$500	
Quarry Tile	70%			2041	**	5	\$800	
<b>Interior Walls</b>								
Concrete Masonry Unit	30%			LIFE	**	5	\$200	
SGFT/Glazed Masonry	70%			LIFE	**			
<b>Ceilings</b>								
Exposed Struc: Steel	30%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Mechanical Area</i>								
<i>Explanation : This Component Is Actually Metal Decking</i>								
Plaster	70%			LIFE	**	5	\$300	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	Now	\$14,600	2048	**			
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Perimeter Of Facility</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2038	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Janitor Room</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2038	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2036	**	5		
<b>Wiring</b>								
Thermoplastic	100%			2038	**	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH S. BEACH COMFORT STATION ZONE 1**  
**Asset # : 589**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2033	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2028	\$1,100	10	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Exterior Lighting								
HID	100%			2028	\$2,000	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source								
Natural Gas	100%			2048	**	1		
Conversion Equipment								
Furnace	20%			2028	\$200	1	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : One Unit</i>						
No Component	80%							
Ventilation								
Exhaust Fans								
Roof	50%			2028	\$400	2		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2038	**	1		
Water Heater								
Electric	100%			2023	\$400	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2028	\$100	1		
Fixtures								
Generic	100%							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Bathrooms</i>						
		<i>Explanation : Stainless Steel</i>						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FDR BOARDWALK AND BEACH S. BEACH CONCESSION- BWLK GRILL  
**Address** : FR. CAPODANNO BLVD AND SAND LANE OFF PARKING LOT # 2  
**Borough** : STATEN ISLAND **Agency's Number** : R046-12  
**Program / Asset #** : PAR0089.012 / 590 **Yr Built/Renovated** : 1960 / 2005  
**Area Sq Ft** : 2,726 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 3128 **Lot** : 1 **BIN** : 5091105

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$8,400			\$900
Electrical				
Mechanical	\$100	\$100	\$400	\$1,200
Site Pavements	\$1,200			
<b>Total</b>	<b>\$9,700</b>	<b>\$100</b>	<b>\$400</b>	<b>\$2,100</b>
Importance Code A	\$8,500	\$100	\$100	\$1,000
Importance Code B			\$200	\$1,100
Importance Code C	\$1,200			
<b>Total</b>	<b>\$9,700</b>	<b>\$100</b>	<b>\$400</b>	<b>\$2,100</b>



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

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH S. BEACH CONCESSION- BWLK GRILL**  
**Asset # : 590**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	88%	0-2	\$7,900	LIFE	**	5	\$5,100	
<i>Caulking Deteriorated, Extent : Light, Area Affected : 10%</i>								
<i>Location : Base Of Building At Boardwalk</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade At Window Openings</i>								
Metal Coiling Doors	10%			2033	**	5	\$1,800	
Slate Panels	2%			LIFE	**	5	\$100	
<b>Windows</b>								
Aluminum	100%	0-2	\$500	2036	**	5	\$100	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 50%</i>								
<i>Location : Protective Metal Grilles</i>								
<b>Roof</b>								
Not Accessible	100%							
<b>Soffits</b>								
Cast in Place Concrete	100%			LIFE	**	5		
<b>Interior</b>								
<b>Floors</b>								
Not Accessible	100%							
<b>Interior Walls</b>								
Not Accessible	100%							
<b>Ceilings</b>								
Not Accessible	100%							
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Picket	100%			2048	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	50%	0-2	\$1,200	2033	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boardwalk Level</i>								
Pavers/Stone	50%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boardwalk Level</i>								
<i>Explanation : This Component Actually Slatted Wood</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
<b>Service Equipment</b>								
Not Accessible	100%							
<b>Transformers</b>								
Not Accessible	100%							
<b>Switchgear / Switchboard</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH S. BEACH CONCESSION- BWLK GRILL**  
**Asset # : 590**

<b>Electrical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
<b>Over 600 Volts</b>							
Feeder							
Not Accessible	100%						
Raceway							
Not Accessible	100%						
<b>Under 600 Volts</b>							
Service Equipment							
Not Accessible	100%						
Transformers							
Not Accessible	100%						
Switchgear / Switchboard							
Not Accessible	100%						
Raceway							
Not Accessible	100%						
Panelboards							
Not Accessible	100%						
Wiring							
Not Accessible	100%						
Motor Controllers							
Not Accessible	100%						
<b>Ground</b>							
Grounding Devices							
Not Accessible	100%						
<b>Stand-by Power</b>							
Transfer Switches							
Not Accessible	100%						
Generators							
Not Accessible	100%						
Batteries							
Not Accessible	100%						
Fuel Storage							
Not Accessible	100%						
<b>Lighting</b>							
Interior Lighting							
Not Accessible	100%						
Egress Lighting							
Not Accessible	100%						
Exterior Lighting							
HID	100%			2028	\$10,500	10	
<b>Lightning Protection</b>							
Arresters/Cabling							
Not Accessible	100%						
<b>Alarm</b>							
Security System							
Not Accessible	100%						
Fire/Smoke Detection							
Not Accessible	100%						

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**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH S. BEACH CONCESSION- BWLK GRILL**  
**Asset # : 590**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
	Energy Source							
	Natural Gas	100%		2048	**	1		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : No Access - Keep Data From Previous Survey</i>					
	Conversion Equipment							
	Furnace	100%		2028	\$6,100	1	\$1,400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
			<i>Explanation : One Unit</i>					
	Distribution							
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$1,500	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2044	**	1		
	Conversion Equipment							
	Window/Wall Unit	20%		2023	\$1,100	1		
	No Component	80%						
<b>Ventilation</b>								
	Exhaust Fans							
	Roof	20%		2036	**	2		
	No Component	80%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	30%		2048	**	1		
	Galvanized Steel	70%		2033	**	1		
	Water Heater							
	Electric	100%		2026	\$2,300	4		
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Fixtures							
	Generic	100%						

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

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES  
**Address** : FR. CAPODANNO BLVD.@ SAND LANE ADJACENT TO RESTAURANT  
**Borough** : STATEN ISLAND **Agency's Number** : R046-03  
**Program / Asset #** : PAR0089.003 / 587 **Yr Built/Renovated** : 1960 / 2004  
**Area Sq Ft** : 6,865 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 3128 **Lot** : 1 **BIN** : 5091105

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$41,200
Site Pavements	\$52,400	
<b>Total</b>	<b>\$52,400</b>	<b>\$41,200</b>
Importance Code A		\$41,200
Importance Code C	\$52,400	
<b>Total</b>	<b>\$52,400</b>	<b>\$41,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$24,600			
Interior Architecture	\$2,900		\$3,100	
Electrical				\$32,900
Mechanical	\$100	\$100	\$200	\$11,300
Site Enclosure				
<b>Total</b>	<b>\$27,600</b>	<b>\$100</b>	<b>\$3,300</b>	<b>\$44,100</b>
Importance Code A	\$24,600	\$100	\$100	\$200
Importance Code B	\$2,900		\$200	\$44,000
Importance Code C			\$3,100	
<b>Total</b>	<b>\$27,600</b>	<b>\$100</b>	<b>\$3,300</b>	<b>\$44,100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Stucco Cement	50%	0-2	\$22,500	2033	**	5	\$9,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Door Openings And Base Of Bulding</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Base Of Building</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior Envelope</i>								
<i>Explanation : Component Actually Cementitious Panels With Stell Supports</i>								
Not Accessible	50%							
<b>Windows</b>								
Glass Block	45%			LIFE	**	5	\$600	
Metal Louvers	5%			2037	**	10	\$600	
Not Accessible	50%							
<b>Parapets</b>								
No Component	50%							
Not Accessible	50%							
<b>Roof</b>								
Roll Roofing	50%	Now	\$2,100	2027	\$41,200	5	\$8,200	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Central Roof Drain</i>								
Not Accessible	50%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	5%	0-2	\$300	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Mechanical Rooms</i>								
Terrazzo	45%			LIFE	**	5	\$3,600	
Not Accessible	50%							
<b>Interior Walls</b>								
Ceramic Tile	35%			2037	**	5	\$6,100	
Concrete Masonry Unit	5%			LIFE	**	5	\$400	
Glass Block	5%			LIFE	**			
Masonry: Brick	5%			LIFE	**			
Not Accessible	50%							
<b>Ceilings</b>								
Gypsum Board	50%	4+	\$2,700	LIFE	**	5	\$6,400	
<i>Loose/Delam Surface, Extent : Light, Area Affected : 5%</i>								
<i>Location : Male And Female Bathrooms</i>								
Not Accessible	50%							
<b>Site Enclosure</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Enclosure</b>								
Free Standing Walls								
Cast in Place Concrete	50%	Now		2063		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : At Base Of Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Adjacent To Entrance To Female Restroom</i>					
			<i>Explanation : Component Has Decorative Inlay</i>					
Not Accessible	50%							
<b>Site Pavements</b>								
Public Sidewalk								
Pavers/Stone	50%			2037		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Component Actually Slatted Wood</i>					
Not Accessible	50%							
<b>On-Site Walkways</b>								
Cast in Place Concrete	50%	Now	\$52,400	2033		**		
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Ramps To Door Thresholds In Severe Disrepair - Temporary Metal Platforms Rusted Through</i>					
Not Accessible	50%							

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2028	\$1,500	5	\$200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : One 100 Ampere Main Disconnect Switch</i>					
Raceway								
Conduit	100%			2028	\$3,800	1		
Panelboards								
Fused Disc Sw	5%			2027	\$400	5		
Molded Case Bkrs	50%			2027	\$3,800	5	\$100	
Molded Case Bkrs	45%			2044	**	5	\$100	
Wiring								
Thermoplastic	60%			2028	\$5,000	1		
Thermoplastic	40%			2048	**	1		
Motor Controllers								
Locally Mounted	100%			2026	\$7,300	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	100%			2033	**	10	\$6,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : T-8 Lamps</i>								
Exterior Lighting HID	100%			2023	\$26,500	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Natural Gas	100%			2038	**	1		
Conversion Equipment Furnace	20%			2033	**	1	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : One Unit</i>								
No Component	80%							
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2044	**	1		
Conversion Equipment Window/Wall Unit	50%			2023	\$6,800	1		
No Component	50%							
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	20%			LIFE	**	2-5	\$800	
No Component	80%							
Exhaust Fans Roof	50%			2028	\$5,400	2	\$100	
No Component	50%							
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	50%			2048	**	1		
Galvanized Steel	50%			2041	**	1		
Water Heater Electric	20%			2023	\$1,200	4		
Gas Fired	80%			2023	\$3,200	2	\$100	
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Backflow Preventer Not Accessible	100%							
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.

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

Print Date : 25-Oct-2018      **DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FIVE BORO GARAGE BOILER HOUSE  
 Address : RANDALLS ISLAND NEAR TRIBORO BRIDGE  
 Borough : MANHATTAN      Agency's Number : N/A  
 Program / Asset # : PAR0124.08A / 919      Yr Built/Renovated : 1938 /  
 Area Sq Ft : 2,500      Project Type : PARKS AND RECREATION  
 Date of Survey : 10-Jul-2018      Landmark Status : NONE  
 Areas Surveyed : Floors 1  
 Block : 1819      Lot : 203      BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$52,300	
Electrical		\$73,400
Mechanical		\$40,400
<b>Total</b>	<b>\$52,300</b>	<b>\$113,900</b>
Importance Code A	\$52,300	
Importance Code B		\$113,900
<b>Total</b>	<b>\$52,300</b>	<b>\$113,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$32,600			
Interior Architecture	\$19,000			
Electrical	\$500			
Mechanical	\$5,200	\$300	\$500	\$300
<b>Total</b>	<b>\$57,300</b>	<b>\$300</b>	<b>\$600</b>	<b>\$300</b>
Importance Code A	\$32,800	\$200	\$200	\$200
Importance Code B	\$8,700	\$100	\$300	\$100
Importance Code C	\$15,800			
<b>Total</b>	<b>\$57,300</b>	<b>\$300</b>	<b>\$600</b>	<b>\$300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE BOILER HOUSE**  
**Asset # : 919**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$3,800	LIFE	**	5	\$1,700	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Northeast Corner</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	85%	Now	\$52,300	LIFE	**	5	\$5,700	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Smoke Stack</i>								
Metal Coiling Doors	10%			2034	**	5	\$2,100	
Windows								
Steel	100%	Now	\$28,700	2054	**	5	\$3,400	
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	100%			LIFE	**	5-10		
Roof								
Modified Bitumen	100%			2034	**	10	\$7,700	
Interior								
Floors								
Cast in Place Concrete	100%	0-2	\$1,000	LIFE	**	5	\$4,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Masonry: Brick	100%	0-2	\$15,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	100%			LIFE	**	5-10	\$2,400	

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	Priority

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE BOILER HOUSE**  
**Asset # : 919**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Main Disconnect Switch Rated At 200 Amperes</i>								
Transformers								
Dry Type	100%			2034	**	5		
Raceway								
Conduit	100%			2029	\$5,500	1		
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$100	
Wiring								
Thermoplastic	100%			2039	**	1		
Motor Controllers								
Locally Mounted	100%			2027	\$73,400	5		
Lighting								
Interior Lighting								
Fluorescent	20%			2024	\$5,200	10	\$500	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
HID	80%			2024		10	\$100	
Egress Lighting								
Emergency, Battery	100%			2034	**	10	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room And Paint Room</i>								
<i>Explanation : Combination Emergency/exit Lighting Fixtures</i>								
Exterior Lighting								
Incandescent	100%			2024	\$8,200	2		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2029	\$4,700	5	\$800	
Conversion Equipment								
Steam Boiler	100%			2049	**	1	\$2,500	
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler House</i>								
<i>Explanation : 3 Units</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE BOILER HOUSE**  
**Asset # : 919**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
<b>Distribution</b>								
	Central Plant Steam Piping/Pmp	100%	Now	\$4,000	2029	\$40,400	4	\$100
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Terminal Devices</b>								
	Convactor/Radiator	50%			2027	\$6,400	1	\$400
	Fan Coil Unit/Heat	50%			2029	\$17,900	1	\$400
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,200
<b>Exhaust Fans</b>								
	Interior	50%			2024	\$4,300	2	
<i>Not in Service, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Wall Unit	50%			2024	\$400	2	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	10%			2039	**	1	
	Galvanized Steel	90%			2027	\$9,400	1	
<b>Water Heater</b>								
	Electric	100%			2028	\$2,100	4	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 90-gallon Unit</i>								
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Fixtures</b>								
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE  
**Address** : RANDALLS ISLAND NEAR TRIBORO BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0124.009 / 4162 **Yr Built/Renovated** : 1985 / 2007  
**Area Sq Ft** : 82,096 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Nov-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$859,200	\$185,200
Interior Architecture	\$288,900	\$280,900
Electrical		\$796,200
Mechanical		\$976,400
<b>Total</b>	<b>\$1,148,000</b>	<b>\$2,238,700</b>
Importance Code A	\$859,200	\$185,200
Importance Code B	\$288,900	\$2,053,500
<b>Total</b>	<b>\$1,148,000</b>	<b>\$2,238,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$33,000		\$23,900	
Interior Architecture	\$63,800		\$23,400	\$4,000
Electrical	\$6,900	\$2,900	\$4,000	\$3,400
Mechanical	\$44,000	\$15,400	\$21,800	\$15,400
Site Pavements	\$600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$152,300</b>	<b>\$22,300</b>	<b>\$77,000</b>	<b>\$26,800</b>
Importance Code A	\$40,400	\$7,300	\$31,200	\$7,300
Importance Code B	\$86,400	\$15,000	\$45,800	\$18,300
Importance Code C	\$25,500			\$1,100
<b>Total</b>	<b>\$152,300</b>	<b>\$22,300</b>	<b>\$77,000</b>	<b>\$26,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**

**Asset # : 4162**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$675,100	LIFE	**	5	\$109,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Courtyard And All Expansion Joints</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Courtyard And Various Parapets</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Elevation Adjacent To Garage Bay</i>								
Metal Coiling Doors	10%			2042	**	5	\$40,300	
Pre-Cast Concrete	2%			LIFE	**	5	\$16,800	
Window Wall	3%			2049	**	5	\$14,500	
Windows								
Aluminum	100%	Now	\$148,100	2045	**	5	\$8,700	
<i>Hardware Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	90%			LIFE	**	5-10	\$42,200	
Metal Panel	5%			2049	**	5	\$1,300	
Metal Rail	5%			2042	**	5-10	\$6,200	
Roof								
Modified Bitumen	25%	4+	\$13,000	2034	**			
<i>Water Penetration, Extent : Light, Area Affected : 1%</i>								
<i>Location : Courtyard</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Courtyard</i>								
<i>Explanation : Green Roof</i>								
Modified Bitumen	72%			2034	**	10	\$75,600	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Sections Over Second And Garage Floors</i>								
<i>Explanation : Green Roof</i>								
Skylight, Metal/Glass	3%			2049	**	10	\$10,500	
Soffits								
Metal Panel	70%	4+	\$1,100	2039	**	5	\$14,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Westside Of Building By Entry</i>								
Pre-Cast Concrete	30%			LIFE	**	5	\$21,000	
Interior								
Floors								
Carpet	15%			2028		3	\$24,800	
Cast in Place Concrete	65%			LIFE	**	5	\$313,300	
Ceramic Tile	2%			2038	**	5	\$2,200	
Quarry Tile	5%			2042	**	5	\$8,300	
Vinyl Tile	13%			2029		3	\$7,200	

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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.

**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**

**Asset # : 4162**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2038	**	5	\$2,200	
Concrete Masonry Unit	70%			LIFE	**	5	\$25,100	
Gypsum Board	25%			LIFE	**	5-10	\$19,000	
<b>Ceilings</b>								
AcousTileConcealSpLn	10%	Now	\$18,200	2042	**	5	\$6,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corridors</i>								
AcousTileSusp.Lay-In	20%			2042	**	5	\$22,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : 2nd Floor Offices</i>								
Exposed Struc: Steel	60%			LIFE	**	10	\$132,200	
Gypsum Board	5%			LIFE	**	5-10	\$18,900	
Metal Panel	5%			LIFE	**	5	\$13,800	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2039	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%			2049	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	Now	\$600	2034	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Westside Of Building By Entry</i>								
<b>Parking/Driveway</b>								
Asphalt	95%			2032	**			
Cast in Place Concrete	5%			2034	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	90%			2039	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1200 Ampere Main Switch</i>								
Photovoltaic Panel(s)	10%	Now	\$100	2042	**	1		
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Rooftop</i>								
<b>Transformers</b>								
Dry Type	100%			2034	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 225 Kilo-volt-ampere, 480/208/120 Volts</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**

**Asset # : 4162**

<b>Electrical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2039	**	5	\$400	
Raceway								
Conduit	100%			2039	**	1		
Panelboards								
Fused Disc Sw	5%			2037	**	5	\$100	
Molded Case Bkrs	95%			2037	**	5	\$2,100	
Wiring								
Thermoplastic	100%			2039	**	1		
Motor Controllers								
Locally Mounted	5%			2034	**	5		
Motor Control Center	90%			2034	**	5	\$2,000	
Variable Frequency Drive	5%			2042	**			
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,400	
<b>Stand-by Power</b>								
Fuel Storage								
Underground Storage	50%			LIFE	**	5	\$4,600	
No Component	50%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	50%			2029	\$82,200	10	\$33,800	
		<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
HID	45%			2029	\$276,200	10	\$1,100	
LED	5%			2034	**			
Egress Lighting								
Emergency, Battery	50%			2029	\$50,700	10	\$8,900	
Exit, Battery	50%			2029	\$34,600	10	\$2,500	
Exterior Lighting								
HID	5%			2029	\$15,800	10		
LED	5%			2034	**			
No Component	90%							
<b>Alarm</b>								
Security System								
No Component	50%							
Generic	50%			2029	\$126,700	1	\$15,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : Closed Circuit TV Surveillance Cameras</i>						

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**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**

**Asset # : 4162**

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

**Alarm**

Fire/Smoke Detection

No Component

70%

Generic, Digital

30%

2029

\$260,300

1-3

\$15,600

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

*Location : Throughout The Building*

*Explanation : Alarm Bells And Manual Pull Station*

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

**Heating**

Energy Source

Fuel Oil No 2

100%

2049

\*\*

5

\$22,800

Conversion Equipment

Steam Boiler

100%

2042

\*\*

1

\$72,900

Distribution

Steam Piping/Pump

100%

2049

\*\*

Terminal Devices

Air Handler

65%

2029

\$643,100

1

\$29,600

Convactor/Radiator

20%

2034

\*\*

1

\$4,800

Fan Coil Unit/Heat

15%

2029

\$158,100

1

\$3,600

**Air Conditioning**

Energy Source

Electricity

100%

2045

\*\*

1

Conversion Equipment

Ext Pkg Unit -

Heating/Cooling

20%

2034

\*\*

2

\$900

No Component

80%

**Ventilation**

Distribution

Ductwork/Diffusers

100%

LIFE

\*\*

2-5

\$65,000

Exhaust Fans

Roof

100%

Now

\$5,800

2029

\$116,800

2

\$1,800

*Broken, Extent : Moderate, Area Affected : 10%*

*Location : Roof*

**Plumbing**

H/C Water Piping

Brass/Copper

100%

2049

\*\*

1

Water Heater

Oil Fired

100%

2027

\$58,400

1

\$2,100

Sanitary Piping

Cast Iron

100%

LIFE

\*\*

1

Storm Drain Piping

Cast Iron

100%

LIFE

\*\*

1

Sewage Ejector(s)

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.*



**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**

**Asset # : 4162**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Fixtures							
	Generic	100%						
Vertical Transport	Elevators							
	Hydraulic	100%			LIFE			**
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : 1st To 2nd Floor</i>				
				<i>Explanation : One Unit</i>				
Fire Suppression	Standpipe							
	Generic	100%			2049		**	1-5 \$37,100
	Sprinkler							
	Generic	100%			2049		**	1-2 \$20,600

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK  
**Address** : 131-04 MERIDIAN ROAD @ VAN WYCK EXPY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0019.072 / 14651 **Yr Built/Renovated** : 2007 /  
**Area Sq Ft** : 110,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Jun-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$152,400	\$428,300
Interior Architecture	\$833,200	\$148,800
Electrical	\$80,700	
Mechanical	\$167,100	\$810,500
<b>Total</b>	<b>\$1,233,400</b>	<b>\$1,387,700</b>
Importance Code A	\$152,400	\$428,300
Importance Code B	\$860,200	\$959,300
Importance Code C	\$220,800	
<b>Total</b>	<b>\$1,233,400</b>	<b>\$1,387,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$38,200	\$3,800	\$13,700	\$13,700
Interior Architecture	\$82,400			
Electrical	\$10,900	\$15,000	\$10,700	\$26,900
Mechanical	\$21,800	\$45,600	\$31,700	\$30,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$157,300</b>	<b>\$68,400</b>	<b>\$60,000</b>	<b>\$75,400</b>
Importance Code A	\$43,700	\$9,400	\$19,100	\$19,300
Importance Code B	\$101,100	\$59,000	\$40,900	\$56,100
Importance Code C	\$12,500			
<b>Total</b>	<b>\$157,300</b>	<b>\$68,400</b>	<b>\$60,000</b>	<b>\$75,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	3%			LIFE	**	5	\$2,300	
Fiberglass Panel	6%			2037	**	5	\$27,300	
Glass: Special Gauge	8%	Now	\$50,100	LIFE	**	1		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	2%			2041	**	5	\$7,600	
Pre-Cast Concrete	75%			LIFE	**	5	\$296,100	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Window Wall	6%			2048	**	5	\$27,300	
Windows								
Aluminum	85%			2044	**	5	\$900	
Aluminum	10%			2044	**	5	\$100	
Metal Louvers	5%			2037	**	10	\$300	
Parapets								
Cast in Place Concrete	20%			LIFE	**	5		
Metal Panel	5%			2048	**	5		
Metal Rail	5%			2041	**	5-10		
No Component	70%							
Roof								
Cast in Place Concrete	5%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Pool</i>								
<i>Explanation : No Access</i>								
Modified Bitumen	22%	Now	\$7,200	2033	**			
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Northwest Corner Of Roof</i>								
Panel/Paver: Cer/Brk	3%			2048	**	10	\$4,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mod Bit Roof</i>								
<i>Explanation : Walking Pads</i>								
Single Ply Membrane	70%			2036	**	10	\$82,500	
<i>Repairs in Progress, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Main Roof</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

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								
Soffits								
Cast in Place Concrete	30%	Now	\$28,600	LIFE	**	5	\$49,800	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Outdoor Pool Space, South Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Calcium Deposits, Outdoor Pool Space, South Facade</i>								
Cement-Fiber Panel	5%	Now	\$2,400	2033	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Cooling Tower</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cooling Tower</i>								
Metal Panel	42%	Now	\$102,300	2058	**	5	\$26,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Main Entrance, Soffit Missing</i>								
Pre-Cast Concrete	23%			LIFE	**	5	\$24,800	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$133,900	
Cast in Place Concrete	5%	0-2	\$18,100	LIFE	**	5	\$14,900	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Lobby Stairs</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby</i>								
<i>Explanation : Concrete Floor With An Epoxy Finish</i>								
Ceramic Tile	25%	Now	\$13,500	2037	**	5	\$17,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Pool Deck</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Pool Deck</i>								
Sheet Vinyl/Rubber	25%	Now	\$103,000	2033	**	5	\$25,500	
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Ice Rink Area</i>								
<i>Seams Open/Split, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Ice Rink Area</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Ice Rink Area</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	45%	Now	\$220,800	LIFE	**			
<i>Efflorescence, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Pool Access Tunnel, Mechanical Rooms, Adjacent Pool</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pool Access Tunnel, Mechanical Rooms, Adjacent Pool</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pool Access Tunnel, Mechanical Rooms, Adjacent Pool</i>								
Concrete Masonry Unit	25%	2-4	\$2,900	LIFE	**	5	\$2,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Ac-1 Room</i>								
Glass: Single Pane	5%			LIFE	**	5	\$1,000	
Gypsum Board	15%	Now	\$9,600	LIFE	**	5	\$2,300	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Ice Rink</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Ice Rink, Lobby</i>								
Plaster	5%			LIFE	**	5	\$400	
SGFT/Glazed Masonry	5%			LIFE	**			
Ceilings								
AcousTileConcealSpLn	5%	Now	\$33,700	2045	**	5	\$4,300	
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Third Floor Pool Lookout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Third Floor Pool Lookout</i>								
<i>Explanation : Clips Are Severly Corroding Due To Chlorine Moisture And Falling</i>								
AcousTileSusp.Lay-In	2%	Now	\$400	2041	**	5	\$1,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Ice Rink Concession Stand</i>								
Exposed Concrete	57%	Now	\$509,400	LIFE	**	5	\$12,100	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Pool Access Tunnel, Mechanical Spaces Below Pool</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pool Access Tunnel, Mechanical Spaces Below Pool</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Pool Access Tunnel, Mechanical Spaces Below Pool</i>								
<i>Explanation : Severe Mineral Buildup From Pool Water Chemicals. Severly Corroding Pipes Below Leaks</i>								
Exposed Struc: Steel	21%			LIFE	**			
Gypsum Board	15%	Now	\$4,200	LIFE	**	5	\$25,500	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout First Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout First Floor</i>								

## Site Enclosure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

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

## Site Enclosure

## Fence/Gates

Exposed Struc: Steel

100%

LIFE

\*\*

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : South Under Outdoor Pool Deck**Explanation : Green/living Screen Fencing*

## Site Pavements

## On-Site Walkways

Asphalt

40%

2037

\*\*

Cast in Place Concrete

20%

2041

\*\*

Pavers/Stone

40%

2037

\*\*

**Electrical****Current Repair****Future Replacement****Maintenance**

<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
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## Over 600 Volts

## Service Equipment

Air Circuit Breaker

100%

2048

\*\*

3

\$400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room Outside**Explanation : One 600 Amperes Main Disconnect Switch*

## Transformers

Dry Type

100%

2041

\*\*

3

\$800

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room Outside**Explanation : One 2500 Kva 4160hv-480/277lv*

## Feeders

Cable

100%

2044

\*\*

1

## Raceway

Conduit

100%

2048

\*\*

1

## Under 600 Volts

## Service Equipment

Fused Disc Sw

90%

2048

\*\*

5

\$400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 2000 Amperes And One 1600 Amperes Main Disconnect Switch*

Fused Disc Sw

10%

2048

\*\*

5

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 800 Amperes Main Disconnect Switch For Emergency*

## Transformers

Dry Type

100%

2041

\*\*

5

\$400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Generator Room**Explanation : One 15 Kva 480hv-208/120lv*

## Switchgear / Switchboard

Fused Disc Sw

100%

2048

\*\*

5

\$500

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2048	**	1		
Panelboards								
Fused Disc Sw	10%			2044	**	5	\$300	
Molded Case Bkrs	90%			2044	**	5	\$2,600	
Wiring								
Thermoplastic	100%			2048	**	1		
Motor Controllers								
Locally Mounted	25%			2041	**	5	\$200	
Motor Control Center	70%			2048	**	5	\$2,100	
Variable Frequency Drive	5%			2041	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	**	1	\$33,800	
Generators								
Diesel	100%			2037	**	1	\$42,600	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Generator Room Outside</i>					
			<i>Explanation : One 405 Kw</i>					
Batteries								
Nickel Cadmium	100%			2023	\$1,500	5	\$24,500	
Fuel Storage								
Main Tank	100%			2056	**	5	\$3,200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Generator Room</i>					
			<i>Explanation : One 275 Gallons</i>					
Lighting								
Interior Lighting								
Fluorescent	10%			2033	**	10	\$10,100	
			<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Fluorescent	65%			2033	**	10	\$65,600	
			<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Fluorescent	5%			2033	**	10	\$5,000	
			<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
HID	10%			2033	**	10	\$400	
LED	10%			2036	**			
Egress Lighting								
Emergency, Service	70%			2033	**	1		
Exit, LED	25%			2056	**	1		
Exit, Service	5%			2033	**	1		

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

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

## Lighting

Exterior Lighting HID	100%			2033	**	10	\$300	
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## Lightning Protection

Arresters/Cabling Generic	100%			2056	**	5	\$3,200	
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## Alarm

Security System No Component	70%							
Generic	30%			2033	**	1	\$12,300	

Fire/Smoke Detection No Component	70%							
Generic, Digital	30%			2033	**	1-3	\$20,300	

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

## Heating

Energy Source Natural Gas	100%			2048	**	1		
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Conversion Equipment Hot Water Boiler	100%			2041	**	1	\$54,400	
------------------------------------------	------	--	--	------	----	---	----------	--

*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : 2 On The Roof, And 2 In The Basement*  
*Explanation : 4 Units*

Distribution Hot Wtr Piping/Pump	100%			2044	**	4	\$8,100	
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Terminal Devices Air Handler	95%			2033	**	1	\$64,600	
Convactor/Radiator	5%			2041	**	1	\$1,800	

*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Throughout*  
*Explanation : Hydronic Loop*

## Air Conditioning

Energy Source Electricity	100%			2044	**	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.*



**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Centrifugal, Elec Chiller	35%			2037	**	1	\$41,700	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 2 Chillers, Chiller Room</i>						
Int Pkg Unit - Heating/Cooling	30%			2029	\$670,800	2	\$2,000	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room, 2nd Floor</i>						
Ext Pkg Unit - Heating/Cooling	35%			2033	**	2	\$2,400	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
Terminal Devices								
Air Handler/Dir Expansion	5%			2033	**	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Ceiling Mounted At The Ice Skating Rink</i>						
		<i>Explanation : 2 Units</i>						
No Component	95%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Mechanical Room And Roof</i>						
		<i>Explanation : Air Handlers Are Part Of The A C System</i>						
Heat Rejection								
Air Cooled Condenser Unit	5%			2033	**	2	\$3,800	
Water Cooling Tower	35%			2029	\$139,700	2	\$38,700	
No Component	60%							
Dehumidifier								
Generic	100%			2029	\$200			
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$61,300	
Exhaust Fans								
Roof	5%			2033	**	2	\$200	
No Component	95%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Mechanical Room On 2nd Floor, And Roof</i>						
		<i>Explanation : Ventilation Is Provided Through The A C System</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		
Water Heater								
Gas Fired	100%			2023	\$64,100	2	\$1,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 2 Units</i>						

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Non-Submersible	100%			2033	**	4	\$3,500
	Pool Filter/Treatment							
	Sand	100%			2041	**	4	\$40,900
	Backflow Preventer							
	Generic	100%			2033	**	1	\$6,700
	Fixtures							
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators							
	Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st To 3rd Floor</i>					
			<i>Explanation : One Unit</i>					
<b>Fire Suppression</b>								
	Sprinkler							
	Generic	100%	Now	\$103,000	2048	**	1-2	\$26,700
			<i>Corroded, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Pool Access Tunnel</i>					
			<i>Leak Evident, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Fire Pump Room</i>					
	Fire Pump							
	Generic	100%			2037	**	1	\$20,500
	Chemical System							
	Dry	20%			2026	\$5,300	1-3	\$800
	No Component	80%						

*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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS ADMIN. BLDG. OLMSTED CENTER ANNEX  
**Address** : 117-2 ROOSEVELT AVENUE BEHIND MAIN BUILDING  
**Borough** : QUEENS **Agency's Number** : 299.10  
**Program / Asset #** : PAR0019.080 / 14873 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 9,716 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$11,000	\$4,700		
Interior Architecture	\$52,300	\$1,500	\$11,600	
Electrical	\$700	\$800	\$800	\$700
Mechanical	\$3,900	\$2,800	\$1,300	\$2,800
<b>Total</b>	<b>\$67,900</b>	<b>\$9,800</b>	<b>\$13,800</b>	<b>\$3,400</b>
Importance Code A	\$11,000	\$5,400		\$600
Importance Code B	\$29,200	\$4,400	\$12,400	\$2,800
Importance Code C	\$27,700		\$1,400	
<b>Total</b>	<b>\$67,900</b>	<b>\$9,800</b>	<b>\$13,800</b>	<b>\$3,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS ADMIN. BLDG. OLMSTED CENTER ANNEX**

**Asset # : 14873**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Metal, Corrugated	70%			2055	**	1		
Window Wall	30%			2055	**	5	\$22,100	
Windows								
Aluminum	100%			2051	**	5	\$9,500	
Roof								
Metal, Corrugated	90%			2046	**	1		
Single Ply Membrane	10%			2037	**	10	\$3,000	
<b>Interior</b>								
Floors								
Ceramic Tile	20%			2042	**	5	\$2,900	
Sheet Vinyl/Rubber	80%			2037	**	5	\$17,500	
Interior Walls								
Ceramic Tile	10%			2042	**	5	\$2,800	
Gypsum Board	90%			LIFE	**	5-10	\$42,800	
Ceilings								
AcousTileSusp.Lay-In	20%			2046	**	5	\$3,000	
Exposed Struc: Steel	70%			LIFE	**	10	\$21,300	
Gypsum Board	10%			LIFE	**	5-10	\$5,200	
<b>Site Enclosure</b>								
Fence/Gates								
Aluminum Rail	100%			2046	**	5-10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ramp</i>								
<i>Explanation : Ramp Railing</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2055	**	1		
Panelboards								
Molded Case Bkrs	100%			2051	**	5	\$300	
Wiring								
Thermoplastic	100%			2055	**	1		
<b>Lighting</b>								
Interior Lighting								
LED	100%			2037	**			
Egress Lighting								
Emergency, Battery	50%			2037	**	10	\$1,200	
Exit, LED	50%			2064	**	1		
Exterior Lighting								
LED	30%			2037	**			
No Component	70%							

**Alarm**

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS ADMIN. BLDG. OLMSTED CENTER ANNEX**

**Asset # : 14873**

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

**Alarm**

Security System

No Component

70%

Generic

30%

2037

\*\*

1

\$1,100

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

*Location : Hallways And Perimeter Of The Building*

*Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital

100%

2037

\*\*

1-3

\$6,000

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

*Location : Throughout The Building*

*Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns*

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

**Heating**

Energy Source

Electricity

100%

2055

\*\*

1

Conversion Equipment

Heat Pump Air Sourced

90%

2033

\*\*

2

\$2,700

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

*Location : Roof*

*Explanation : 4 Units*

Radiant Heater

10%

2037

\*\*

2

\$500

Terminal Devices

Fan Coil Unit/Heat

90%

2037

\*\*

1

\$2,800

No Component

10%

**Air Conditioning**

Energy Source

Electricity

100%

2051

\*\*

1

Conversion Equipment

Heat Pump Air Sourced

100%

2033

\*\*

2

\$600

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

*Location : Roof*

*Explanation : 4 Units, R-410a Refrigerant*

Terminal Devices

Fan Coil - 2 Pipe

100%

2037

\*\*

1

\$3,100

Heat Rejection

Air Cooled Condenser

100%

2037

\*\*

2

\$6,800

Unit

**Ventilation**

Distribution

Ductwork/Diffusers

100%

LIFE

\*\*

2-5

\$8,600

Exhaust Fans

Interior

100%

2037

\*\*

2

\$300

**Plumbing**

*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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS ADMIN. BLDG. OLMSTED CENTER ANNEX**

**Asset # : 14873**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%			2055	* *	1	
	Water Heater Electric	100%			2028	\$8,200	4	\$100
	Sanitary Piping Cast Iron	100%			LIFE	* *	1	
	Sump Pump(s) Submersible	100%			2024	\$300	4	\$300
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER  
**Address** : 131-40 FOWLER AVENUE @VAN WYCK EXPY.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0019.073 / 14712 **Yr Built/Renovated** : 2009 /  
**Area Sq Ft** : 51,479 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** : 4540092

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$39,100
Interior Architecture	\$212,600	\$270,600
Electrical		\$47,200
Mechanical		\$43,400
<b>Total</b>	<b>\$212,600</b>	<b>\$400,200</b>
Importance Code A		\$39,100
Importance Code B	\$212,600	\$90,600
Importance Code C		\$270,600
<b>Total</b>	<b>\$212,600</b>	<b>\$400,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$51,600	\$18,800		\$2,900
Interior Architecture	\$21,100	\$200	\$2,800	\$2,900
Electrical	\$6,200	\$5,800	\$4,800	\$5,600
Mechanical	\$41,200	\$7,700	\$13,400	\$7,600
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$132,000</b>	<b>\$44,300</b>	<b>\$32,900</b>	<b>\$30,900</b>
Importance Code A	\$54,200	\$21,300	\$2,500	\$5,500
Importance Code B	\$77,800	\$22,900	\$28,600	\$25,400
Importance Code C			\$1,700	
<b>Total</b>	<b>\$132,000</b>	<b>\$44,300</b>	<b>\$32,900</b>	<b>\$30,900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$39,100	
Masonry: Limestone	10%			LIFE	**	5	\$3,900	
Metal, Corrugated	5%			2048	**	1		
Metal Panel	3%			2048	**	5-10	\$10,700	
Metal Sect. OHD	2%	Now	\$16,600	2041	**	5	\$1,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Granite Panels	5%			LIFE	**	5	\$2,000	
Windows								
Aluminum	80%			2044	**	5	\$7,900	
Glass Block	10%			LIFE	**	5	\$600	
Metal Louvers	10%			2037	**	10	\$6,200	
Parapets								
Cast Stone/Terra Cotta	2%			LIFE	**	5	\$800	
Masonry: Brick	8%			LIFE	**	5	\$400	
No Component	90%							
Roof								
Built-Up (BUR)	10%	0-2	\$7,100	2033	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Clay Tile	80%	0-2	\$27,900	2048	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%			2041	**	10	\$18,800	
Interior								
Floors								
Cast in Place Concrete	10%	0-2	\$4,100	LIFE	**	5	\$16,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	3%			2037	**	5	\$2,300	
Marble Panels	50%	Now	\$57,000	LIFE	**	5	\$28,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Sheet Vinyl/Rubber	5%			2033	**	5	\$5,800	
Vinyl Tile	2%			2033	**	3	\$600	
Wood	30%	Now	\$155,600	2056	**	5	\$21,700	
<i>Deflection Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, 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.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

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

## Interior

## Interior Walls

Cast in Place Concrete	5%			LIFE	**			
Ceramic Tile	3%			2037	**	5	\$3,400	
Concrete Masonry Unit	15%			LIFE	**	5	\$6,800	
Glass: Special Gauge	2%			LIFE	**	1		
Gypsum Board	15%			LIFE	**	5	\$10,100	
Wood	60%			LIFE	**	5	\$270,600	

## Ceilings

AcousTileSusp.Lay-In	50%			2045	**	5	\$34,000	
Exposed Concrete	20%			LIFE	**	5	\$2,100	
Exposed Struc: Steel	20%			LIFE	**			
Gypsum Board	10%			LIFE	**	5	\$8,500	

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

## Under 600 Volts

## Service Equipment

Air Circuit Breaker	100%			2054	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2000 Amperes Main Disconnect Switch</i>								

## Transformers

Dry Type	100%			2045	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Three 30 Kva 480hv-208/120lv</i>								

## Switchgear / Switchboard

Air Circuit Breaker	100%			2054	**	5	\$300	
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## Raceway

Conduit	100%			2054	**	1		
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## Panelboards

Fused Disc Sw	10%			2050	**	5	\$100	
Molded Case Bkrs	90%			2050	**	5	\$1,200	

## Wiring

Thermoplastic	100%			2054	**	1		
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## Motor Controllers

Locally Mounted	20%			2045	**	5	\$100	
Motor Control Center	80%			2045	**	5	\$1,100	

## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$800	
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## Stand-by Power

## Transfer Switches

Under Construction	100%							
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power</b>								
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	95%			2036	**	10	\$44,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2036	**	10	\$2,400	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Gymnasium, Lobby And Multipurpose Room</i>								
Egress Lighting								
Emergency, Battery	50%			2036	**	10	\$6,200	
Exit, Service	50%			2036	**	1		
Exterior Lighting								
Fluorescent	30%			2036	**	10	\$1,400	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Front And Outside Roof Entrance Door</i>								
HID	70%			2036	**	10	\$100	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2063	**	5	\$1,500	
Alarm								
Security System								
Generic	100%			2036	**	1	\$19,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Desk Lobby</i>								
<i>Explanation : Six CCTV Cameras Inside And Outside The Building. The Monitor Located By The Front Desk</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2036	**	1-3	\$31,700	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2054	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Access, Because The Equipments Are In The DEP Building.</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Hot Water Boiler	100%			2045	**	1	\$25,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 4 Units. No Access Because The Equipments Are In The DEP Building.</i>								
Distribution Hot Wtr Piping/Pump	100%			2044	**	4	\$3,800	
Terminal Devices Air Handler	95%			2036	**	1	\$30,200	
Fan Coil Unit/Heat	5%			2036	**	1	\$800	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2050	**	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	Now	\$30,800	2033	**	2	\$2,500	
<i>Malfunctioning, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : AC Units On The Roof</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : AC Units On The Roof</i>								
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$28,700	
Exhaust Fans Roof	5%			2036	**	2	\$100	
No Component	95%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Package Units On The Roof</i>								
<i>Explanation : Ventilation Is Part Of The A C System</i>								
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2054	**	1		
Water Heater Electric	100%			2026	\$43,400	4	\$300	
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%			2036	**	4	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Access To Survey</i>								
Backflow Preventer Not Accessible	100%							

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Plumbing	Fixtures							
	Generic	100%						
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Mens Locker Room</i>								
<i>Explanation : Shower Water Leak From Drain Pipe To Mens Room.</i>								
Vertical Transport	Elevators							
	Hydraulic	100%			LIFE		**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st : 2nd Floor, Basement : Street Level, 3rd Unit Not Accessible</i>								
<i>Explanation : 3 Units, Two Of The Elevators Are Under DEP Jurisdiction</i>								
Fire Suppression	Sprinkler							
	Generic	100%			2054		**	1-2
								\$14,400
	Fire Pump							
	Generic	100%			2041		**	1
								\$9,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Access To Survey, I Keep The Existing Survey Data.</i>								
Chemical System	Dry	20%			2027	\$5,300	1-3	\$700
	No Component	80%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM  
**Address** : GRAND CENTRAL PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0019.065 / 4505 **Yr Built/Renovated** : 1997 / 2010  
**Area Sq Ft** : 213,824 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Nov-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 2018 **Lot** : 1 **BIN** : 4467715

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$686,700	\$1,325,700
Interior Architecture	\$769,700	\$529,600
Electrical		\$2,355,600
Mechanical	\$53,000	\$1,186,000
<b>Total</b>	<b>\$1,509,300</b>	<b>\$5,396,900</b>
Importance Code A	\$686,700	\$1,325,700
Importance Code B	\$725,400	\$4,071,200
Importance Code C	\$97,200	
<b>Total</b>	<b>\$1,509,300</b>	<b>\$5,396,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$41,100			
Interior Architecture	\$89,200		\$18,000	\$23,800
Electrical	\$54,200	\$18,900	\$27,000	\$20,400
Mechanical	\$97,100	\$44,100	\$98,800	\$45,800
Elevators/Escalators	\$59,600	\$59,600	\$59,600	\$59,600
<b>Total</b>	<b>\$341,300</b>	<b>\$122,600</b>	<b>\$203,500</b>	<b>\$149,600</b>
Importance Code A	\$51,600	\$10,600	\$10,600	\$10,600
Importance Code B	\$240,600	\$112,000	\$192,900	\$131,200
Importance Code C	\$49,000			\$7,800
<b>Total</b>	<b>\$341,300</b>	<b>\$122,600</b>	<b>\$203,500</b>	<b>\$149,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	\$111,200	LIFE	**	5	\$193,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Recent Spall Repair Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	12%			LIFE	**	5	\$231,900	
Cement-Fiber Panel	5%	Now	\$1,400	2034	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Concrete Column Cover On 2nd Floor</i>								
Masonry: Brick	25%			LIFE	**	5	\$96,600	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Appears To Be Part Of A Pre - Cast Concrete Assembly</i>								
Metal Panel	15%			2049	**	5-10	\$199,300	
Metal Coiling Doors	5%	0-2	\$28,000	2042	**	5	\$15,100	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout First Floor Service Areas And Fourth Floor Concessions.</i>								
Weathering Steel	15%			LIFE	**	1		
Window Wall	3%			2049	**	5	\$21,700	
Windows								
Aluminum	25%			2045	**	5	\$20,700	
Metal Louvers	75%			2038	**	10	\$388,100	
Parapets								
Cast in Place Concrete	30%	Now	\$56,300	LIFE	**	5	\$179,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%			2049	**	5	\$22,400	
Metal Rail	40%	Now	\$63,000	2042	**	5	\$164,300	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations On The Promenade Level.</i>								
Metal: Cage/Fence	20%			2042	**	5-10	\$89,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Cast in Place Concrete	88%	Now	\$134,200	LIFE		**		
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : Traffic Coating Replaced At 2nd Floor Suite Balconies</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 30%</i>								
<i>Location : 3rd To 4th Floor Seating Areas, Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout Concrete Stadium Seat Base And Slab Components</i>								
<i>Explanation : Currently Undergoing Re-caulking Of All Soft Joints To Pre-cast Concrete Components</i>								
Single Ply Membrane	10%	Now	\$105,400	2034		**		
<i>Adhesion Failure, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Braodcast Center Upper Roof Areas</i>								
<i>Blisters, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Broadcast Center Lower Roof Areas</i>								
<i>Ponding, Extent : Light, Area Affected : 15%</i>								
<i>Location : Over New York Deli Bar Concession.</i>								
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Broadcast Center Lower Roof Areas</i>								
Traffic Topping	2%	Now	\$1,300	2034		**		
<i>Blisters, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Broadcaster Roof</i>								
<i>Explanation : Liquid Applied Roofing System</i>								
Interior								
Floors								
Carpet	10%			2028	\$416,900	3	\$48,000	
Cast in Place Concrete	70%			LIFE	**	5	\$980,100	
Ceramic Tile	10%			2038	**	5	\$32,000	
Traffic Topping	5%			2034	**	5	\$20,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout 1st Floor Corridors</i>								
<i>Explanation : Traffic Topping</i>								
Vinyl Tile	5%			2034	**	3	\$6,000	
Interior Walls								
Cast in Place Concrete	25%			LIFE	**	10	\$97,200	
Ceramic Tile	10%			2038	**	5	\$15,600	
Concrete Masonry Unit	40%			LIFE	**	5	\$49,800	
Gypsum Board	10%			LIFE	**	5-10	\$26,400	
Masonry: Brick	15%			LIFE	**	10	\$7,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**

**Asset # : 4505**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2046	**	5	\$79,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Suites</i>								
Exposed Concrete	55%	0-2	\$95,300	LIFE	**	5	\$22,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spandrel Beam At Loading Dock</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Through Joints Throughout</i>								
Exposed Struc: Steel	1%	Now	\$11,300	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Domestic Water Pump Room And Fire Pump Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Domestic Water Pump Room And Fire Pump Room</i>								
<i>Explanation : Spray Fireproofing Is Delaminating From Water Penetration</i>								
Exposed Struc: Steel	9%			LIFE	**	10	\$47,500	
Gypsum Board	5%			LIFE	**	5-10	\$45,300	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	**	5	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Four Electrical Services - Each Rated At 3000 Amperes</i>								
Transformers								
Dry Type	100%			2042	**	5	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : From 30 To 500 Kilovolt Ampere</i>								
Switchgear / Switchboard								
Fused Disc Sw	95%			2049	**	5	\$900	
Molded Case Bkrs	5%			2049	**	5	\$300	
Raceway								
Conduit	100%			2049	**	1		
Panelboards								
Fused Disc Sw	10%			2045	**	5	\$500	
Molded Case Bkrs	90%			2045	**	5	\$5,100	
Wiring								
Thermoplastic	100%			2049	**	1		
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$1,400	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**

**Asset # : 4505**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices Generic	100%			LIFE	**	5	\$6,300	
<b>Stand-by Power</b>								
Transfer Switches Automatic	100%			2042	**	1	\$65,800	
Generators Diesel	100%			2038	**	1	\$82,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 750 Kilovolt Ampere</i>								
Batteries Lead/Acid	100%			2023	\$1,500	5	\$7,900	
Fuel Storage Main Tank	100%			2057	**	5	\$6,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 275 Gallons</i>								
<b>Lighting</b>								
Interior Lighting Fluorescent	80%			2029	\$1,748,000	10	\$156,900	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	5%			2029	\$109,200	10	\$9,800	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	2%			2029	\$43,700	10	\$3,900	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Storage Room</i>								
Fluorescent	13%			2024	\$284,000	10	\$25,500	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Suites</i>								
<b>Egress Lighting</b>								
Emergency, Service	50%			2034	**	1		
Exit, LED	10%			2057	**	1		
Exit, Service	40%			2034	**	1		
<b>Exterior Lighting</b>								
HID	70%			2034	**	10	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Controlled Via Time Clock</i>								
LED	30%			2034	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Field</i>								
<i>Explanation : Stadium Lighting And Executive Suites</i>								
<b>Lightning Protection</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Lightning Protection								
Arresters/Cablings								
Generic	100%			2057	**	5	\$6,300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2034	**	1	\$16,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fire Control Center</i>								
<i>Explanation : Internet Protocol Digital Video System Type.</i>								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2034	**	1-3	\$26,400	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	30%			2049	**	1		
No Component	70%							
Conversion Equipment								
Heat Exchanger, Plate & Frame	100%			2032	**	1	\$105,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Duct System</i>								
<i>Explanation : Heat Is Provided With Electric Coils Creating Multi Zone Systems</i>								
Terminal Devices								
Fan Coil Unit/Heat	30%			2034	**	1	\$20,700	
No Component	70%							
Air Conditioning								
Energy Source								
Electricity	80%			2045	**	1		
No Component	20%							
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2034	**	1	\$79,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Chiller Plant Across The Street</i>								
<i>Explanation : Located Off Site</i>								
Split Unit	20%			2024	\$872,600			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2049	**	4	\$15,800	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Terminal Devices</b>								
	Air Handler/Dir Expansion	80%			2034	**	1	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof Gutter</i>					
			<i>Explanation : For Stadium When Roof Closed</i>					
	Fan Coil - 4 Pipe	20%			2034	**	1	\$13,800
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Luxury Suites</i>					
			<i>Explanation : Under Construction</i>					
<b>Heat Rejection</b>								
	Water Cooling Tower	100%			2030	**	2	\$215,200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Chiller Plant Across Street</i>					
			<i>Explanation : Offsite</i>					
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$188,800
<b>Exhaust Fans</b>								
	Interior	60%			2034	**	2	\$3,900
	Roof	40%			2029	\$135,700	2	\$2,600
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2049	**	1	
			<i>Booster Pump w/Tank, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Pump Rooms</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Pump Rooms</i>					
			<i>Explanation : 1 - Triplex Set, 1 - Duplex Set, 1 Single Pump</i>					
<b>Water Heater</b>								
	Gas Fired	100%			2027	\$124,700	2	\$3,100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
			<i>Explanation : Two 300,000 Btu Boilers Feeding The Water To Water Heat Exchangers</i>					
<b>HW Heat Exchanger</b>								
	HTHW/HW	100%			2055	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Rooms</i>					
			<i>Explanation : Twelve 1000 Gallon Heat Exchangers Located In 3 Mechanical Rooms</i>					
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
Sump Pump(s) Submersible	100%			2023	\$6,900	4	\$6,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 5 Single Pumps</i>								
Backflow Preventer Generic	100%			2034	**	1	\$13,100	
Fixtures Generic	100%							
<b>Vertical Transport</b>								
<b>Elevators</b>								
Geared Traction	20%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Court To Upper Broadcast</i>								
<i>Explanation : 2 Units</i>								
Hydraulic	80%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 6 - Court To Promenade, 2 - Court To Mezzanine</i>								
Escalators Under 20' Rise	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 6 Units, 2 - Court To Club, 2 - Club To Mezzanine, 2 - Mezzanine To Promenade</i>								
<b>Fire Suppression</b>								
<b>Standpipe</b>								
Generic	100%			2049	**	1-5	\$107,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wet And Dry Systems</i>								
<b>Sprinkler</b>								
No Component Generic	20%			2049	**	1-2	\$47,900	
Fire Pump Generic	100%			2032	**	1	\$39,900	
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corroded Base, Pump Room</i>								
<b>Chemical System</b>								
Wet	5%			2024	\$1,300	1-3	\$200	
No Component	95%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK CREWS BUILDING I - 0035  
**Address** : EAST ROAD OFF MERIDIAN ROAD UNDER VAN WYCK EXPWY  
**Borough** : QUEENS **Agency's Number** : Q099-06  
**Program / Asset #** : PAR0019.035 / 1069 **Yr Built/Renovated** : 1964 /  
**Area Sq Ft** : 18,270 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$543,200	\$55,800
Interior Architecture	\$358,900	\$37,100
Electrical	\$186,700	
Mechanical		\$258,100
Site Pavements	\$588,800	
<b>Total</b>	<b>\$1,677,600</b>	<b>\$351,000</b>
Importance Code A	\$543,200	\$210,500
Importance Code B	\$416,000	\$103,400
Importance Code C	\$718,400	\$37,100
<b>Total</b>	<b>\$1,677,600</b>	<b>\$351,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				
Interior Architecture	\$57,100			\$400
Electrical	\$200	\$200	\$300	\$400
Mechanical	\$26,100	\$500	\$1,300	\$500
<b>Total</b>	<b>\$83,400</b>	<b>\$700</b>	<b>\$1,600</b>	<b>\$1,300</b>
Importance Code A	\$24,300	\$500	\$1,300	\$500
Importance Code B	\$48,000	\$200	\$300	\$800
Importance Code C	\$11,200			
<b>Total</b>	<b>\$83,400</b>	<b>\$700</b>	<b>\$1,600</b>	<b>\$1,300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING I - 0035**

**Asset # : 1069**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	90%	Now	\$218,400	2059	**	5	\$55,800	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	2%			2034	**	5	\$2,100	
Wood Overhead Doors	8%	Now	\$85,400	2049	**	5	\$6,600	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	100%	Now	\$239,400	2054	**	5	\$28,100	1
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Garages And Various Locations</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Not Accessible	100%							
Interior								
Floors								
Asphalt Poured	75%	Now	\$32,500	2049	**	5	\$5,800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Garage</i>								
Cast in Place Concrete	15%	Now	\$49,400	LIFE	**	5	\$10,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	10%	Now	\$13,500	2039	**	3	\$1,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING I - 0035**

**Asset # : 1069**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2025	\$37,100	5	\$1,300	
Glass: Single Pane	5%	Now	\$40,400	LIFE	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Gypsum Board	80%	Now	\$89,200	LIFE	**	5	\$12,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Toilet Rooms And Various Locations</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood	10%			LIFE	**	5	\$21,100	
<b>Ceilings</b>								
Exposed Struc: Steel	75%	Now	\$100,000	LIFE	**			
<i>Uneven Surface, Extent : Light, Area Affected : 40%</i>								
<i>Location : Workshop</i>								
Gypsum Board	25%	Now	\$80,000	LIFE	**	5	\$9,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Toilet Rooms, Locker Room And Various Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Locker Room And Various Locations Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	Now	\$59,600	2049	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<b>Parking/Driveway</b>								
Asphalt	100%	Now	\$529,300	2044	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Sinking/Subsiding, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								

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

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING I - 0035**

**Asset # : 1069**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2029	\$1,500	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Left Side Wall Of The Storage Area</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 600 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$33,000	5	\$500	
Raceway								
Conduit	100%			2029	\$32,000	1		
Panelboards								
Molded Case Bkrs	100%			2028	\$15,300	5	\$500	
Wiring								
Thermoplastic	100%			2029	\$28,300	1		
Motor Controllers								
Locally Mounted	100%			2027	\$30,800	5	\$100	
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%	0-2	\$37,300	2039		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Storage Area</i>								
<i>Explanation : T-12 Lamps. Inadequate Lighting Levels</i>								
Fluorescent	80%	Now	\$149,400	2039		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps Not Functional</i>								
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2034		**	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of The Building And Storage</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	5%			2029		1		
Natural Gas	95%			2029	\$2,000	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING I - 0035**

**Asset # : 1069**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Conversion Equipment								
	Furnace	40%	0-2	\$16,500	2039	**	1	\$3,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mounted To Garage Ceiling</i>								
<i>Explanation : 1 Abandoned Unit.</i>								
	Furnace	10%			2024	\$4,100	1	\$900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Locker And Break Area</i>								
<i>Explanation : 1 - Electric Unit Heater, 1 - Gas Fired Unit Heater</i>								
	Radiant Heater	50%	0-2	\$7,700	2024	\$154,700	2	\$3,400
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Mounted to garage ceiling</i>								
<i>Explanation : 4 Gas Fired Units. Flue Pipe Corroded.</i>								
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2028	\$2,600	1	
Conversion Equipment								
	Window/Wall Unit	5%	0-2	\$1,800	2029	\$1,800	1	
<i>Abandoned in Place, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
	No Component	95%						
<b>Ventilation</b>								
Exhaust Fans								
	Roof	30%			2024	\$8,700	2	\$200
	Wall Unit	10%			2024	\$600	2	\$100
	No Component	60%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	50%			2029	\$65,100	1	
	Galvanized Steel	50%			2027	\$38,300	1	
Water Heater								
	Not Accessible	100%						
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Backflow Preventer								
	Not Accessible	100%						
Fixtures								
	Generic	100%						
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bathroom</i>								
<i>Explanation : All Fixtures Missing Or Broken</i>								

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK CREWS BUILDING II  
**Address** : EAST ROAD OFF MERIDIAN ROAD UNDER VAN WYCK EXPWY  
**Borough** : QUEENS **Agency's Number** : 0031  
**Program / Asset #** : PAR0019.031 / 1075 **Yr Built/Renovated** : 1969 /  
**Area Sq Ft** : 17,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$421,800	\$177,600
Interior Architecture	\$143,300	\$61,000
Electrical	\$304,000	\$41,800
Mechanical		\$36,100
<b>Total</b>	<b>\$869,100</b>	<b>\$316,500</b>
Importance Code A	\$421,800	\$213,700
Importance Code B	\$304,000	\$102,800
Importance Code C	\$143,300	
<b>Total</b>	<b>\$869,100</b>	<b>\$316,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$3,100			
Interior Architecture	\$33,800			\$400
Electrical	\$62,700			\$100
Mechanical	\$28,600	\$1,100	\$900	\$1,100
<b>Total</b>	<b>\$128,200</b>	<b>\$1,100</b>	<b>\$900</b>	<b>\$1,500</b>
Importance Code A	\$3,900	\$1,000	\$800	\$1,000
Importance Code B	\$123,700	\$100	\$100	\$600
Importance Code C	\$600			
<b>Total</b>	<b>\$128,200</b>	<b>\$1,100</b>	<b>\$900</b>	<b>\$1,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	88%	Now	\$244,500	LIFE	**	5	\$18,200	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Corners</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 65%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%	Now	\$200	2035	**	5	\$3,100	
<i>Deformed/Dented, Extent : Light, Area Affected : 80%</i>								
<i>Location : West Facade</i>								
Metal Coiling Doors	2%	Now	\$1,900	2038	**	5	\$1,000	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 60%</i>								
<i>Location : West Facade</i>								
Wood	5%	Now	\$88,500	2045	**	5	\$4,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Facade</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : South Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Facade</i>								
Windows								
Glass Block	3%	Now	\$900	LIFE	**	5	\$100	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
Metal Louvers	97%	Now	\$88,800	2028	\$177,600			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$14,800	LIFE	**	5	\$61,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Storage Area</i>								
Vinyl Tile	10%	Now	\$10,800	2030	**	3	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Small Equipment Room And Various 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.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	80%	Now	\$143,300	LIFE	**	5	\$8,400	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Various Locations Throughout</i>								
Gypsum Board	15%			LIFE	**	5	\$2,400	
Gypsum Board	5%	Now	\$600	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Office</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%	Now	\$7,700	2030	**	5	\$1,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Snow Equipment Storage, Drum Storage And Various Locations Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	75%			LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Area</i>								
Exposed Struc: Wood	5%			LIFE	**			
Gypsum Board	10%			LIFE	**	5	\$3,900	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
<b>Transformers</b>								
Liquid Filled	100%			2023	\$140,300	3	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : 300 Kw/400 Kva, 4160/208/120v</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2035	**	3	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Primary Switch 5 Kv, 600 A</i>								
<b>Feeders</b>								
Cable	100%			2024	\$15,800	1		
<b>Raceway</b>								
Conduit	100%			2025	\$41,800	1		
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2025	\$1,500	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1200 Amperes</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2035	**	5	\$100	
<b>Raceway</b>								
Conduit	100%			2025	\$32,000	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2024	\$15,300	5	\$500	
<b>Wiring</b>								
Braided Cloth	60%	2-4	\$17,000	2050	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	40%			2025	\$11,300	1		
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	90%			2020	\$163,700	10	\$14,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 And T-12</i>								
Fluorescent	10%	Now	\$18,200	2035	**			
<i>Not in Service, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<b>Egress Lighting</b>								
Emergency, Service	50%			2020	\$4,500	1		
Exit, Service	50%			2020	\$1,300	1		
<b>Exterior Lighting</b>								
HID	10%			2020	\$6,900	10		
No Component	90%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	10%			2035	**	1		
Natural Gas	90%			2035	**	1		
<b>Conversion Equipment</b>								
Furnace	50%			2025	\$20,000	1	\$4,400	
Furnace	40%			2025	\$16,000	1	\$3,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : Gas Fired Unit Heaters</i>								
Radiant Heater	10%			2025	\$30,200	2	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : Electric Baseboard</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Distribution								
	Ductwork/Diffusers	5%			LIFE	**	2-5	\$500
	No Component	95%						
<b>Air Conditioning</b>								
Energy Source								
	Electricity	10%			2033	**	1	
	No Component	90%						
Conversion Equipment								
	Window/Wall Unit	15%			2020	\$5,300	1	
	No Component	85%						
<b>Ventilation</b>								
Exhaust Fans								
	Wall Unit	100%			2025	\$6,100	2	\$500
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%	0-2	\$7,500	2030	**	1	
	<i>Corroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Water Main Area</i>							
Water Heater								
	Electric	100%			2020	\$15,000	4	\$200
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Closet</i>							
	<i>Explanation : 1- 50 Gallon Unit</i>							
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Fixtures								
	Generic	100%						

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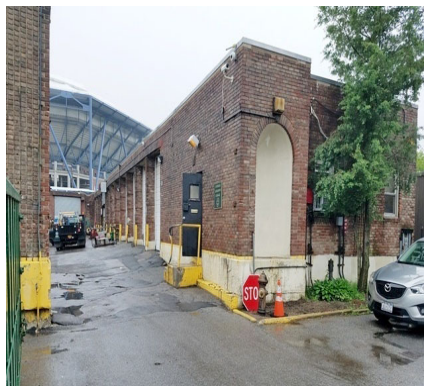
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040  
**Address** : GRAND CENTRAL PARKWAY  
**Borough** : QUEENS **Agency's Number** : Q099-25  
**Program / Asset #** : PAR0019.040 / 1070 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 18,788 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$374,900	\$173,000
Interior Architecture	\$64,500	\$49,300
Mechanical		\$164,100
Site Enclosure	\$63,200	
Site Pavements	\$1,298,500	
<b>Total</b>	<b>\$1,801,000</b>	<b>\$386,500</b>
Importance Code A	\$374,900	\$202,100
Importance Code B	\$64,500	\$184,400
Importance Code C	\$1,361,700	
<b>Total</b>	<b>\$1,801,000</b>	<b>\$386,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$18,500			\$34,200
Interior Architecture	\$52,300			\$900
Electrical	\$3,800	\$1,600	\$2,000	\$1,900
Mechanical	\$4,900	\$1,900	\$7,800	\$1,500
<b>Total</b>	<b>\$79,500</b>	<b>\$3,500</b>	<b>\$9,800</b>	<b>\$38,600</b>
Importance Code A	\$19,900	\$1,400	\$1,400	\$35,600
Importance Code B	\$38,400	\$2,100	\$8,400	\$3,000
Importance Code C	\$21,100			
<b>Total</b>	<b>\$79,500</b>	<b>\$3,500</b>	<b>\$9,800</b>	<b>\$38,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$171,200	LIFE	**	5	\$13,900	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Walls Facing Yard</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Piers At West Wing.</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Piers Around Yard</i>								
<i>Explanation : Metal Plates Between Brick Courses Of Piers Are Corroded</i>								
Metal Coiling Doors	5%	Now	\$1,300	2042	**	5	\$1,800	
<i>Deformed/Dented, Extent : Light, Area Affected : 30%</i>								
<i>Location : West Wing.</i>								
Stucco Cement	25%	Now	\$17,100	2034	**	5	\$7,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 45%</i>								
<i>Location : East Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 55%</i>								
<i>Location : East Facade</i>								
Wood Overhead Doors	10%	Now	\$74,800	2049	**	5	\$5,800	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Around Yard</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Around Yard</i>								
Windows								
Aluminum	5%			2045	**	5	\$100	
Steel	95%	Now	\$128,900	2054	**	5	\$15,100	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Panel	100%			2039	**	5	\$12,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
<i>Explanation : Coping Cover</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Green, Roof Inaccessible	10%			LIFE	**			
Roll Roofing	88%			2028	\$173,000	5	\$68,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
<i>Explanation : White Coating</i>								
Skylight, Metal/Glass	2%			2049	**	10	\$3,100	
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$12,000	LIFE	**	5	\$49,300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Large Hole Located North Garage Bay Slab (storage Bay)</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout Garages And Storage Areas.</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Note: Soil Under West Wing Garage Slab At Garage Door Showing Signs Of Erosion.</i>								
Vinyl Tile	25%	0-2	\$13,100	2039	**	3	\$2,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Office</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,200	
Masonry: Brick	75%			LIFE	**	10	\$6,800	
Masonry: Brick	10%	Now	\$12,100	LIFE	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various Locations Throughout Garage Bays.</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Boiler Room</i>								
Plaster	10%			LIFE	**	5-10	\$2,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%	Now	\$600	2034	**	5	\$800	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Various Locations In Offices.</i>								
Exposed Concrete	5%			LIFE	**	5-10	\$1,900	
Glass: Susp Panels	5%	Now	\$2,300	LIFE	**			
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Boiler Room And Men's Room.</i>								
Gypsum Board	5%	Now	\$1,600	LIFE	**	5	\$1,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Queens Forestry Office</i>								
Plaster	80%	Now	\$64,500	LIFE	**	5	\$15,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Garage.</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Work Room, North Wing And Various Locations Throughout.</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2049	**			
<b>Free Standing Walls</b>								
Masonry: Brick	100%	0-2	\$63,200	2039	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Site Pavements</b>								
<b>Parking/Driveway</b>								
Asphalt	100%	Now	\$1,298,500	2044	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Sinking/Subsiding, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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

Under 600 Volts

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**

**Asset # : 1070**

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%			2029	\$1,500	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Disconnect Switch Rated At 800 Amperes.</i>						
Transformers								
Dry Type	100%			2034	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Transformer Ratings 300 Kilo-volt-ampere, 480/208/120 Volts</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2029	\$24,900	5	\$100	
Raceway								
Conduit	100%			2029	\$3,800	1		
Panelboards								
Fused Disc Sw	5%			2028	\$400	5		
Molded Case Bkrs	95%			2028	\$7,200	5	\$500	
Wiring								
Thermoplastic	100%			2029	\$8,300	1		
Motor Controllers								
Locally Mounted	100%			2027	\$14,700	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	**	1	\$5,800	
Generators								
Diesel	100%			2038	**	1	\$7,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Rear Of The Building</i>						
		<i>Explanation : Emergency Generator Rated At 250 Kilowatts</i>						
Batteries								
Nickel Cadmium	100%			2024	\$1,500	5	\$4,200	
Fuel Storage								
Main Tank	100%			2057	**	5	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Rear Of The Building</i>						
		<i>Explanation : 435 Gallons Rated Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	30%			2029	\$12,600	10	\$5,200	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Shops, Offices</i>						
LED	70%			2037	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Egress Lighting								
Emergency, Service	50%			2029	\$4,700	1		
Exit, Service	50%			2029	\$2,600	1		
Exterior Lighting								
HID	5%			2029	\$3,600	10		
LED	25%			2037	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of The Building</i>								
<i>Explanation : LED Lights</i>								
No Component	70%							
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2037	**	1	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2029	\$19,900	1-3	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dispatcher Office Only</i>								
<i>Explanation : Fire Alarm System Is For The Gasoline Pump Only. Strobe Lights, Horns And Manual Pull Stations.</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	10%			2039	**	1		
Natural Gas	90%			2049	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment								
Furnace	40%			2029	\$16,900	1	\$3,700	
<i>Abandoned in Place, Extent : Light, Area Affected : 1%</i>								
<i>Location : 2 Abandoned Gas Fired Units Remain On Roof</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 10 Gas Fired Modine Heaters</i>								
Furnace	10%			2029	\$4,200	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Electric Unit Heaters</i>								
Steam Boiler	25%			2027	\$29,100	1	\$4,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1- gas fired Boiler</i>								
Steam Boiler	25%			2049	* *	1	\$4,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1- Brand New Gas Fired Boiler</i>								
<b>Distribution</b>								
Steam Piping/Pump	50%			2029	\$39,700			
No Component	50%							
<b>Terminal Devices</b>								
Convactor/Radiator	20%			2027	\$19,200	1	\$1,200	
Unit Heater - Steam	30%			2024	\$19,300	4	\$800	
No Component	50%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	25%			2037	* *	1		
No Component	75%							
Conversion Equipment								
Window/Wall Unit	25%			2024	\$9,400	1		
No Component	75%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$8,300	
No Component	50%							
Exhaust Fans								
Interior	20%			2024	\$12,800	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garages</i>								
<i>Explanation : Several Vehicle Exhaust Systems</i>								
Roof	40%			2024	\$11,900	2	\$200	
No Component	40%							
<b>Plumbing</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	30%			2029	\$40,200	1	
	Galvanized Steel	70%			2027	\$55,200	1	
	Water Heater							
	Electric	50%			2027	\$7,900	4	\$100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Garage Areas</i>					
			<i>Explanation : 3 - 10 Gallon Units</i>					
	Gas Fired	50%			2022	\$5,500	2	\$100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Men's Room</i>					
			<i>Explanation : 1 - 40 Gallon Unit</i>					
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sewage Ejector(s)							
	Electric	100%			2029	\$5,200	4	\$1,100
	Fixtures							
	Generic	100%						
			<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048  
**Address** : GRAND CENTRAL PARKWAY  
**Borough** : QUEENS **Agency's Number** : Q099-10  
**Program / Asset #** : PAR0019.064 / 1054 **Yr Built/Renovated** : 1963 /  
**Area Sq Ft** : 164,236 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$728,500	\$1,730,400
Interior Architecture	\$1,158,000	\$267,900
Electrical		\$1,457,400
Mechanical	\$1,224,500	\$125,800
<b>Total</b>	<b>\$3,111,000</b>	<b>\$3,581,500</b>
Importance Code A	\$728,500	\$1,730,400
Importance Code B	\$2,382,500	\$1,851,100
<b>Total</b>	<b>\$3,111,000</b>	<b>\$3,581,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$64,600			
Interior Architecture	\$23,000	\$184,100		
Electrical	\$11,600	\$7,400	\$8,000	\$9,800
Mechanical	\$36,600	\$12,700	\$23,000	\$12,500
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$143,700</b>	<b>\$212,000</b>	<b>\$38,800</b>	<b>\$30,200</b>
Importance Code A	\$65,100			\$200
Importance Code B	\$55,600	\$212,000	\$38,800	\$30,100
Importance Code C	\$23,000			
<b>Total</b>	<b>\$143,700</b>	<b>\$212,000</b>	<b>\$38,800</b>	<b>\$30,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	37%			LIFE	**	5	\$224,700	
Masonry: Brick	25%	Now	\$187,000	LIFE	**	5	\$30,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Main Entry Gate</i>								
<i>Repointing Failure, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout All Caulking Joints.</i>								
Metal Panel	20%			2035	**	5-10	\$167,000	
Metal Coiling Doors	3%	Now	\$10,600	2038	**	5	\$5,700	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 40%</i>								
<i>Location : Various Locations At Ground Level.</i>								
Weathering Steel	15%	Now	\$124,800	LIFE	**	1		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
<i>Explanation : Steel Members Rusting.</i>								
<b>Windows</b>								
Metal Louvers	100%			2034	**	10	\$6,500	
<b>Parapets</b>								
Cast in Place Concrete	5%	Now	\$36,000	LIFE	**	5	\$28,700	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : All Along Perimeter Coping At Rail Post Mount Locations At Upper Tier Seating.</i>								
Metal Panel	10%			2045	**	5	\$21,500	
Metal Rail	85%			2038	**	5-10	\$853,100	
<b>Roof</b>								
Modified Bitumen	15%	4+	\$12,200	2025			\$244,800	
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%</i>								
<i>Location : Roof Located Over The Grand Hall Area</i>								
Traffic Topping	85%	Now	\$31,100	2025			\$621,500	
<i>Ponding, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Over Ralph Lauren Polo Store</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Over Ralph Lauren Polo Store</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	10%			2021		3	\$177,300	\$20,400
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Ralph Lauren Polo Store</i>								
<i>Explanation : Carpet Was Removed And In The Process Of Being Replaced From Roof Leak Water Damage.</i>								
Cast in Place Concrete	90%	Now	\$130,000	LIFE	**	5	\$267,900	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Various Locations Throughout The Great Hall On The Ground Floor.</i>								
<i>Caulking Deteriorated, Extent : Light, Area Affected : 10%</i>								
<i>Location : Control Joints Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	30%			LIFE	**			
Ceramic Tile	5%			2034	**	5	\$1,300	
Concrete Masonry Unit	40%	Now	\$23,000	LIFE	**	5	\$4,100	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fire Pump Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fire Pump Room.</i>								
Glass: Single Pane	5%			LIFE	**	5	\$1,000	
Gypsum Board	20%			LIFE	**	5	\$3,000	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%	Now	\$44,900	2038	**	5	\$13,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Main Corridors.</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout Main Corridor.</i>								
Exposed Concrete	55%	Now	\$983,100	LIFE	**	5	\$11,700	
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Underside Of West Stadia Seating And Various Locations Throughout.</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout.</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Various Locations Throughout.</i>								
Exposed Struc: Steel	10%			LIFE	**			
Plaster	10%			LIFE	**	5	\$8,500	
No Component	5%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Ground Floor Level.</i>								
<i>Explanation : Open Ceiling Grid.</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2035	**	3	\$700	
<b>Transformers</b>								
Dry Type	100%			2030	**	3	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1000 And 60 Kva, 4160/480v</i>								
<b>Switchgear / Switchboard</b>								
Air Circuit Breaker	100%			2035	**	3	\$1,700	
<b>Feeders</b>								
Cable	100%			2033	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Over 600 Volts								
Raceway								
Conduit	100%			2035	**	1		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	**	5	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Switchgear Room</i>						
		<i>Explanation : Electrical Service Rated At 4000 Amperes</i>						
Transformers								
Dry Type	100%			2030	**	5	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : (1) 75 Kva And (1) 225 Kva</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	**	5	\$700	
Raceway								
Conduit	100%			2035	**	1		
Panelboards								
Molded Case Bkrs	100%			2033	**	5	\$4,300	
Wiring								
Thermoplastic	100%			2035	**	1		
Motor Controllers								
Locally Mounted	100%			2030	**	5	\$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,400	
Lighting								
Interior Lighting								
Fluorescent	20%			2025	\$89,300	10	\$30,100	
		<i>Compact Fluorescent Light, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 65%</i>						
		<i>Location : Throughout</i>						
HID	80%			2025	\$544,300	10	\$4,300	
Egress Lighting								
Emergency, Battery	50%			2025	\$113,000	10	\$19,800	
Exit, LED	20%			2053	**	1		
Exit, Service	20%			2030	**	1		
Exit, Battery	10%			2025	\$7,700	10	\$1,100	
Exterior Lighting								
HID	30%			2025	\$189,900	10	\$200	
No Component	70%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2040	**	5	\$4,800	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

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

**Alarm**

## Security System

No Component

30%

Generic

70%

2030

\* \*

1

\$42,900

## Fire/Smoke Detection

No Component

70%

Generic, Analog

30%

2025

\$520,800

1-3

\$30,400

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

**Heating**

## Energy Source

Electricity

20%

No Component

80%

2045

\* \*

1

## Terminal Devices

Fan Coil Unit/Heat

20%

No Component

80%

2020

\$470,200

1

\$10,600

**Air Conditioning**

## Energy Source

Electricity

20%

No Component

80%

2041

\* \*

1

## Conversion Equipment

Exterior Pkg Unit -

Cooling

20%

2020

\$254,300

2

\$2,000

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Roof*

No Component

80%

**Ventilation**

## Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$91,600

## Exhaust Fans

Roof

100%

2020

\$260,600

2

\$5,000

**Plumbing**

## H/C Water Piping

Brass/Copper

100%

2035

\* \*

1

*Other Observation, Extent : Light, Area Affected : 100%**Location : Pump Room**Explanation : Duplex Booster Pump*

## Water Heater

Electric

100%

2020

\$138,300

4

\$1,400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Various Locations**Explanation : Multiple Units From 20 To 150 Gallons*

## Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Sewage Ejector(s)	Electric	100%			2025	\$45,200	4	\$9,800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 4 Duplex Sets</i>								
Backflow Preventer	Generic	100%			2025	\$39,900	1	\$10,100
Fixtures	Generic	100%						
<b>Vertical Transport</b>								
Elevators	Hydraulic	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ground Level To 2nd Floor</i>								
<i>Explanation : 2 Units</i>								
<b>Fire Suppression</b>								
Standpipe	Generic	100%			2035	**	1-5	\$85,900
Sprinkler	No Component	80%						
	Generic	20%			2035	**	1-2	\$9,200
Fire Pump	Generic	100%			2021	\$101,100	1	\$30,700
Chemical System	Wet	5%			2020	\$1,300	1-3	\$200
	No Component	95%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION  
**Address** : GRAND CENTRAL PARKWAY  
**Borough** : QUEENS **Agency's Number** : Q099-03  
**Program / Asset #** : PAR0019.041 / 1071 **Yr Built/Renovated** : 1964 /  
**Area Sq Ft** : 49,260 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$395,000	\$1,081,400
Interior Architecture	\$135,700	
Electrical		\$414,000
Mechanical		\$464,000
<b>Total</b>	<b>\$530,700</b>	<b>\$1,959,400</b>
Importance Code A	\$395,000	\$1,119,200
Importance Code B	\$135,700	\$840,200
<b>Total</b>	<b>\$530,700</b>	<b>\$1,959,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$36,300		\$700	
Interior Architecture	\$44,100		\$600	\$2,900
Electrical	\$2,400	\$1,400	\$2,100	\$1,700
Mechanical	\$31,000	\$3,100	\$30,700	\$3,600
Site Pavements	\$14,600			
<b>Total</b>	<b>\$128,500</b>	<b>\$4,500</b>	<b>\$34,100</b>	<b>\$8,200</b>
Importance Code A	\$37,700	\$1,500	\$2,200	\$1,500
Importance Code B	\$68,900	\$3,100	\$31,900	\$6,100
Importance Code C	\$21,800			\$600
<b>Total</b>	<b>\$128,500</b>	<b>\$4,500</b>	<b>\$34,100</b>	<b>\$8,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Exposed Struc: Steel Metal, Corrugated	5%			LIFE	**	5	\$6,500	
	80%	Now	\$12,400	2039	**	1		
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Room 62 Base Of Windows</i>								
<i>Explanation : Water Infiltration</i>								
Window Wall	10%	Now	\$5,100	2049	**	5	\$3,900	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Metal Frame Throughout</i>								
Wood	5%	Now	\$2,800	2034	**	5	\$2,600	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Around Windows</i>								
Windows								
Aluminum	30%			2037	**	5	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Difficult To Open</i>								
Steel	70%	Now	\$178,700	2054	**	5	\$21,000	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
Roof								
Single Ply Membrane	100%	Now	\$216,300	2029	\$1,081,400			
<i>Adhesion Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout.</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Wing.</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout.</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Under New Mechanical Equipment Installation</i>								
<i>Reflective Surface, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Painted Finish Deteriorating, Throughout</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

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								
Soffits								
Wood	100%	Now	\$12,800	2049	**	5	\$600	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Front Entry Freestanding Canopy</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Fronty Entry Freestanding Canopy</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Front Entry Freestanding Canopy</i>								
Interior								
Floors								
Carpet	10%	Now	\$2,900	2028	\$28,600	3	\$3,300	
<i>Worn/Eroded, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Design And Construction Studio Wing</i>								
Cast in Place Concrete	53%			LIFE	**	5	\$50,800	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Carpet Removed And Concrete Floors Painted, Throughout</i>								
Ceramic Tile	10%			2038	**	5	\$2,200	
Vinyl Tile	22%			2034	**	3	\$1,800	
Vinyl Tile 9" X 9"	5%	Now	\$6,200	2034	**	3	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Telephone Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Telephone Room And Mechanical Room Office.</i>								
<i>Explanation : Vinyl Tile 9 X 9</i>								
Interior Walls								
Ceramic Tile	10%			2038	**	5	\$1,200	
Concrete Masonry Unit	5%	Now	\$300	LIFE	**	5	\$200	
<i>Vertical Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Electrical Room.</i>								
Glass: Single Pane	5%			LIFE	**	5	\$900	
Gypsum Board	35%			LIFE	**	5-10	\$7,300	
Metal Panel	25%			LIFE	**	10	\$1,400	
Plaster	20%	Now	\$400	LIFE	**	5	\$700	
<i>Water Penetration, Extent : Light, Area Affected : 25%</i>								
<i>Location : Main Hallway.</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileConcealSpLn	75%	Now	\$135,700	2049	**	5	\$10,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corridors</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Construction Department, Room 60</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corridors</i>								
AcousTileSusp.Lay-In	15%	Now	\$1,400	2042	**	5	\$1,600	
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Gypsum Board	10%	Now	\$1,100	LIFE	**	5	\$2,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Boiler Room</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	10%			2034	**			
Pavers/Stone	90%	Now	\$14,600	2032	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Walkway Front Of Building</i>								
<b>Parking/Driveway</b>								
Asphalt	100%			2038	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2029	\$37,800	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two Main Service Disconnect Switches Rated At 2000 Amperes And 800 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	50%			2029	\$74,800	5	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One Vertical Section</i>								
Molded Case Bkrs	50%			2055	**	5	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One Vertical Section</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	90%			2029	\$80,000	1		
Conduit	10%			2055	**	1		
<b>Panelboards</b>								
Fused Disc Sw	10%			2028	\$9,200	5	\$100	
Molded Case Bkrs	40%			2028	\$36,600	5	\$500	
Molded Case Bkrs	40%			2037	**	5	\$500	
Molded Case Bkrs	10%			2051	**	5	\$100	
<b>Wiring</b>								
Thermoplastic	90%			2029	\$108,200	1		
Thermoplastic	10%			2055	**	1		
<b>Motor Controllers</b>								
Locally Mounted	90%			2027	\$27,100	5	\$300	
Locally Mounted	10%			2034	**	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$1,400	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	90%			2029	\$76,600	10	\$12,100	
			<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
LED	10%			2037	**			
<b>Egress Lighting</b>								
Emergency, Battery	50%			2029	\$10,100	10	\$1,800	
Exit, LED	10%			2064	**	1		
Exit, Service	40%			2029	\$2,000	1		
<b>Exterior Lighting</b>								
HID	10%			2024	\$19,000	10		
LED	20%			2037	**			
No Component	70%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2037	**	1	\$5,500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Perimeter Of The Building</i>					
			<i>Explanation : CCTV Surveillance Cameras</i>					
<b>Fire/Smoke Detection</b>								
No Component	70%							
Generic, Digital	30%			2037	**	1-3	\$9,100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : New Wing And Hallways</i>					
			<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>					

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2039	**	1		
Conversion Equipment								
Steam Boiler	100%			2034	**	1	\$14,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Boiler (2 Heat Exchangers Serve Hot Water Heating Coils)</i>								
Distribution								
Hot Wtr Piping/Pump	80%			2028	\$17,500	4	\$900	
Steam Piping/Pump	20%			2029	\$12,400			
Terminal Devices								
Convactor/Radiator	25%			2034	**	1	\$1,200	
Fan Coil Unit/Heat	75%			2029	\$157,200	1	\$3,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Multiple Units In The Ceiling Or In The Attic</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2037	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	50%	0-2	\$5,900	2029	\$59,400	1	\$3,100	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1 Multistacks Chiller In Mechanical Room</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : Chiller Operating At 50 Percent Other 50 Percent Is Broken</i>								
Exterior Pkg Unit - Cooling	15%	0-2	\$17,000	2039	**	2	\$100	
<i>Abandoned in Place, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2 Units On Roof</i>								
Exterior Pkg Unit - Cooling	15%			2024	\$17,000	2	\$100	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2 Old Units. On Roof</i>								
Window/Wall Unit	20%			2024	\$5,800	1		
Distribution								
CW & CHW Wtr Pipe/Pump	50%			2039	**	4	\$400	
No Component	50%							
Terminal Devices								
Fan Coil - 4 Pipe	50%			2029	\$163,900	1	\$2,400	
No Component	50%							

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
Heat Rejection								
No Component	50%							
Under Construction	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Backyard</i>								
<i>Explanation : Replacement Is Going On, 1 Temporary Unit Is Being Used.</i>								
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,900	
<b>Exhaust Fans</b>								
Interior	85%			2029	\$42,300	2	\$400	
Roof	15%	0-2	\$200	2029	\$3,500	2	\$100	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2039	**	1		
<b>Water Heater</b>								
Gas Fired	100%			2027	\$8,500	2	\$200	
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Sump Pump(s)</b>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Road Side Of Building</i>								
<i>Explanation : Units In Pit</i>								
<b>Sewage Ejector(s)</b>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Road Side Of Building</i>								
<i>Explanation : Units In Pit</i>								
<b>Fixtures</b>								
Generic	100%							
<b>Fire Suppression</b>								
Sprinkler								
No Component	70%							
Generic	30%			2029	\$41,100	1-2	\$1,200	
<b>Chemical System</b>								
Generic	100%			2022	\$26,700	1-3	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : 1 Set</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032  
 Address : GRAND CENTRAL PARKWAY  
 Borough : QUEENS Agency's Number : Q099-08  
 Program / Asset # : PAR0019.032 / 1067 Yr Built/Renovated : 1964 / 2006  
 Area Sq Ft : 39,190 Project Type : PARKS AND RECREATION  
 Date of Survey : 31-May-2018 Landmark Status : NONE  
 Areas Surveyed : Basement, Roof, Floors 1  
 Block : 2018 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$58,300	\$44,900
Interior Architecture	\$53,200	\$137,600
Electrical	\$49,700	\$622,500
Mechanical		\$505,900
<b>Total</b>	<b>\$161,200</b>	<b>\$1,311,000</b>
Importance Code A	\$58,300	\$93,700
Importance Code B	\$102,900	\$1,217,300
<b>Total</b>	<b>\$161,200</b>	<b>\$1,311,000</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$32,300	\$100	\$1,400	
Interior Architecture	\$50,400	\$2,400	\$10,900	\$2,400
Electrical	\$2,400	\$1,200	\$1,200	\$1,800
Mechanical	\$26,800	\$8,300	\$8,400	\$7,700
Site Enclosure			\$17,900	
<b>Total</b>	<b>\$111,900</b>	<b>\$12,100</b>	<b>\$39,800</b>	<b>\$12,000</b>
Importance Code A	\$35,100	\$3,700	\$4,100	\$3,600
Importance Code B	\$52,200	\$8,400	\$17,200	\$8,400
Importance Code C	\$24,600		\$18,500	
<b>Total</b>	<b>\$111,900</b>	<b>\$12,100</b>	<b>\$39,800</b>	<b>\$12,000</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032**

**Asset # : 1067**

Architecture		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Exterior									
Exterior Walls									
Masonry: Brick	75%			LIFE	**	5	\$45,800		
Masonry: Brick	17%	Now	\$8,000	LIFE	**	5	\$5,200		
<i>Diagonal Cracks, Extent : Light, Area Affected : 2%</i>									
<i>Location : Northeast Corner</i>									
<i>Misaligned/Bulging, Extent : Light, Area Affected : 3%</i>									
<i>Location : Northwest Corner</i>									
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>									
<i>Location : Various Roof Areas And External Stairs</i>									
Metal Panel	5%			2049	**	5-10	\$10,500		
Metal Coiling Doors	3%			2042	**	5	\$2,900		
Windows									
Aluminum	50%			2051	**	5	\$300		
Aluminum	45%			2045	**	5	\$200		
<i>Recent Repair Evident, Extent : Light, Area Affected : 90%</i>									
<i>Location : Training Facility</i>									
Glass Block	5%			LIFE	**	5			
Parapets									
Masonry: Brick	5%			LIFE	**	5-10	\$1,500		
Metal Rail	95%			2034	**	5-10	\$74,000		
Roof									
Cast in Place Concrete	100%	Now	\$58,300	LIFE	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout Roof Area</i>									
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Throughout</i>									
<i>Ponding, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Adjacent To Hvac Unit</i>									
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>									
<i>Location : Over Restroom Corridor</i>									
Soffits									
Cast in Place Concrete	100%			LIFE	**	5			
Interior									
Floors									
Carpet	20%			2028	\$126,700	3	\$14,600		
Cast in Place Concrete	50%			LIFE	**	5	\$106,400		
Ceramic Tile	5%			2038	**	5	\$2,400		
Quarry Tile	5%			2042	**	5	\$3,600		
Vinyl Tile	20%	Now	\$4,200	2029	\$84,400	3	\$3,600		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Various Locations At East Wing Of Building</i>									

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032**

**Asset # : 1067**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	5%	Now	\$1,500	LIFE	**			
<i>Vertical Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Mechanical Room.</i>								
Ceramic Tile	5%			2032	**	5	\$1,200	
Concrete Masonry Unit	45%	Now	\$12,000	LIFE	**	5	\$4,200	
<i>Vertical Cracks, Extent : Light, Area Affected : 40%</i>								
<i>Location : Mechanical Room, Parks Opportunity Program</i>								
Glass: Special Gauge	2%			LIFE	**	1		
Gypsum Board	43%			LIFE	**	5-10	\$17,200	
<b>Ceilings</b>								
AcousTile,Adhered	15%			2042	**	5	\$7,300	
AcousTileSusp.Lay-In	20%	Now	\$4,000	2034	**	5	\$4,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Multi-purpose Room</i>								
<i>Water Penetration, Extent : Light, Area Affected : 90%</i>								
<i>Location : West Side Training Room And Offices</i>								
AcousTileSusp.Lay-In	10%			2046	**	5	\$4,900	
Exposed Concrete	55%	Now	\$17,600	LIFE	**	5	\$4,200	
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Sports And Fitness Spaces.</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Rail	100%			2042	**	5-10	\$29,400	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	40%			2032	**			
Cast in Place Concrete	60%			2034	**			
<b>Parking/Driveway</b>								
Asphalt	100%			2032	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2029	\$48,800	3	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two Main Service Disconnect Switches Rated At 600 Amperes And 4160 Volts Each.</i>								
<b>Transformers</b>								
Dry Type	100%			2027	\$140,300	3	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Transformer Rated At 750 Kilo-volt-ampere, 4160/ 208/120 Volts</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032**

**Asset # : 1067**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
Feeders								
Cable	100%			2028	\$15,800	1		
Raceway								
Conduit	100%			2029	\$41,800	1		
<b>Under 600 Volts</b>								
Service Equipment								
Air Circuit Breaker	100%			2029	\$21,200	5	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Disconnect Switch Rated At 3000 Amperes.</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$124,700	5	\$1,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One Vertical Section</i>						
Raceway								
Conduit	85%			2029	\$51,400	1		
Conduit	15%			2049	**	1		
Panelboards								
Molded Case Bkrs	90%			2028	\$54,900	5	\$900	
Molded Case Bkrs	10%			2045	**	5	\$100	
Wiring								
Braided Cloth	60%	2-4	\$49,700	2054	**	1		
		<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Thermoplastic	30%			2029	\$24,900	1		
Thermoplastic	10%			2049	**	1		
Motor Controllers								
Locally Mounted	95%			2027	\$28,600	5	\$300	
Locally Mounted	5%			2042	**	5		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2034	**	10	\$7,200	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Training Area</i>						
LED	80%			2037	**			
Egress Lighting								
Emergency, Battery	40%			2037	**	10	\$3,800	
Emergency, Battery	10%			2024	\$5,400	10	\$900	
Exit, LED	30%			2064	**	1		
Exit, Service	20%			2024	\$2,700	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032**

**Asset # : 1067**

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

**Lighting**

Exterior Lighting

HID	20%			2024	\$30,200	10		
LED	10%			2037	**			
No Component	70%							

**Alarm**

Security System

No Component	70%							
Generic	30%			2029	\$36,300	1	\$4,400	

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

*Location : Hallways*

*Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

No Component	70%							
Generic, Digital	30%			2029	\$124,300	1-3	\$7,500	

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

*Location : Hallways*

*Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Strobe Lights And Horns*

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

**Heating**

Energy Source

Electricity	30%			2049	**	1		
Natural Gas	70%			2049	**	1		

Conversion Equipment

Heat Pump Air Sourced	20%			2033	**	2	\$2,400	
Radiant Heater	10%			2037	**	2	\$1,800	
Steam Boiler	70%			2034	**	1	\$27,200	

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

*Location : Boiler Room*

*Explanation : 2 Boilers*

Distribution

Steam Piping/Pump	70%	0-2	\$5,800	2039	**			
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*Other Observation, Extent : Moderate, Area Affected : 5%*  
*Location : Passerelle*  
*Explanation : Not Enough Heat In Rear Of The Passerelle Office*

No Component	30%							
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Terminal Devices

Air Handler	25%			2029	\$131,700	1	\$6,100	
Fan Coil Unit/Heat	25%			2024	\$140,300	1	\$3,200	
Fan Coil Unit/Heat	20%			2037	**	1	\$2,500	
Unit Heater - Steam	20%			2024	\$26,800	4	\$1,100	
No Component	10%							

**Air Conditioning**

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032**

**Asset # : 1067**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Energy Source</b>								
	Electricity	100%			2045	**	1	
<b>Conversion Equipment</b>								
	Heat Pump Air Sourced	20%			2033	**	2	\$500
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Training Classrooms</i>					
			<i>Explanation : 9 Units</i>					
	Int Pkg Unit - Heating/Cooling	10%			2033	**	2	\$200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Recreation Office</i>					
			<i>Explanation : 1 Unit. R-410a Refrigerant</i>					
	Exterior Pkg Unit - Cooling	10%			2037	**	2	\$200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Tennis Office</i>					
			<i>Explanation : 1 Unit. R-410a Refrigerant</i>					
	Ext Pkg Unit - Heating/Cooling	30%			2029	\$140,700	2	\$700
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3 Roof Units</i>					
	Split Unit	10%			2034	**		
	Window/Wall Unit	20%			2024	\$15,600	1	
<b>Terminal Devices</b>								
	Fan Coil - 2 Pipe	20%			2037	**	1	\$2,500
	Fan Coil - 2 Pipe	10%			2034	**	1	\$1,300
	No Component	70%						
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	20%			2037	**	2	\$5,500
	Air Cooled Condenser Unit	10%			2034	**	2	\$2,700
	No Component	70%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	30%			LIFE	**	2-5	\$10,400
	Ductwork/Diffusers	50%			LIFE	**	2-5	\$17,300
	No Component	20%						
<b>Exhaust Fans</b>								
	Interior	70%	0-2	\$4,700	2029	\$93,300	2	\$700
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Passerelle</i>					
			<i>Explanation : No Air Exhaust For Both Restrooms In Rear Of The Passerelle Office</i>					
	Roof	20%			2029	\$12,400	2	\$200
	Wall Unit	10%			2029	\$1,300	2	\$100

**Plumbing**

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSERELLE - 0032**

**Asset # : 1067**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
H/C Water Piping	Brass/Copper	100%			2039	**	1	
Water Heater	Electric	100%			2027	\$33,000	4	\$200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building</i>								
<i>Explanation : One 75 Gallon Unit, One 6 Gallon Unit Serves Janitor Closet, Four 6 Gallon Unit In Rest Rooms</i>								
Sanitary Piping	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Backflow Preventer	Generic	100%			2034	**	1	\$2,400
Fixtures	Generic	100%						
<b>Fire Suppression</b>								
Standpipe	Generic	100%			2039	**	1-5	\$19,800

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026  
**Address** : GRAND CENTRAL PARKWAY  
**Borough** : QUEENS **Agency's Number** : Q099-07  
**Program / Asset #** : PAR0019.026 / 181 **Yr Built/Renovated** : 1964 / 2006  
**Area Sq Ft** : 97,540 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,Br,Ph  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$2,734,800	\$257,500
Interior Architecture	\$91,000	\$86,100
Electrical	\$103,100	\$1,960,500
Mechanical	\$1,437,600	\$1,970,800
<b>Total</b>	<b>\$4,366,600</b>	<b>\$4,275,000</b>
Importance Code A	\$3,157,200	\$323,400
Importance Code B	\$1,209,400	\$3,951,600
<b>Total</b>	<b>\$4,366,600</b>	<b>\$4,275,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$26,100			
Interior Architecture	\$75,300		\$66,300	\$600
Electrical	\$37,300	\$9,000	\$10,200	\$11,200
Mechanical	\$57,300	\$37,800	\$43,100	\$27,600
Site Enclosure	\$21,400			
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
<b>Total</b>	<b>\$237,100</b>	<b>\$66,600</b>	<b>\$139,400</b>	<b>\$59,200</b>
Importance Code A	\$27,700	\$8,200	\$8,200	\$8,300
Importance Code B	\$193,100	\$58,400	\$131,100	\$50,200
Importance Code C	\$16,300			\$600
<b>Total</b>	<b>\$237,100</b>	<b>\$66,600</b>	<b>\$139,400</b>	<b>\$59,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

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								
Panel/Paver: Limestone	3%	Now	\$40,600	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Near Lobby Entrance</i>								
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : Front Of Building</i>								
<i>Explanation : Travertine Wall Panels</i>								
Stucco Cement	77%			2042	**	5	\$233,800	
Stucco Cement	5%	Now	\$3,600	2034	**	5	\$7,600	
<i>Horizontal Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Vertical Leg.</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roof Bulkhead And Underside Of Building On The South Side.</i>								
Window Wall	15%			2049	**	5	\$68,300	
Windows								
Aluminum	20%			2045	**	5	\$200	
Steel	80%	Now	\$44,000	2054	**	5	\$5,200	
<i>Air Infiltration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd And 3rd Floor</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : 2nd Floor</i>								
Parapets								
Concrete Masonry Unit	10%			LIFE	**	5-10	\$4,600	
Metal Rail	70%	0-2	\$16,100	2034	**	5	\$42,000	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Locations Throughout And Roof</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$5,300	
Stucco Cement	15%			2034	**	5	\$3,300	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	30%	Now	\$489,700	2039	**			
<i>Alligatoring, Extent : Severe, Area Affected : 95%</i>								
<i>Location : Throughout First Floor Roof</i>								
<i>Ponding, Extent : Light, Area Affected : 10%</i>								
<i>Location : First Floor Roof</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Lower Roof Of Kitchen</i>								
Modified Bitumen	50%	0-2	\$816,100	2039	**			
<i>Alligatoring, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Fourth And First Floor Roof Areas</i>								
<i>Ponding, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First Floor Roof Areas, Lobby Roof</i>								
Paver: Asphalt	20%	Now	\$43,100	2032	**			
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Fourth Floor Wall To Roof Transition</i>								
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Fourth Floor Terrace</i>								
<i>Explanation : Paint Sealer Peeling</i>								
Soffits								
Marble Panels	100%	Now	\$1,184,300	LIFE	**	5	\$98,600	
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Underside Of Building</i>								
<i>Explanation : Corrosion/ Rusting And Paint Peeling; Stucco Finish</i>								
Interior								
Floors								
Carpet	50%			2028	\$886,300	3	\$102,100	
Cast in Place Concrete	10%	Now	\$2,900	LIFE	**	5	\$29,800	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Mechanical Room</i>								
Ceramic Tile	5%	Now	\$6,700	2038	**	5	\$3,400	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 1st Floor Kitchen Hallway</i>								
Granite Panels	5%			LIFE	**	5	\$10,200	
Marble Panels	15%			LIFE	**	5	\$30,600	
Traffic Topping	5%			2029	\$86,100	5	\$8,500	
Wood	10%			2064	**	5	\$25,500	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**

**Asset # : 181**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	5%			LIFE	**	10	\$3,200	
Ceramic Tile	5%			2038	**	5	\$1,300	
Concrete Masonry Unit	20%			LIFE	**	5	\$4,100	
Fabric on Framing	20%			2030	**	5	\$2,500	
Folding Partition	5%			2045	**	5	\$3,200	
Marble Panels	10%			LIFE	**	10	\$1,000	
Plaster	35%	Now	\$7,300	LIFE	**	5	\$2,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair Towers, Fourth Floor</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair Towers, Fourth Floor, 1st floor kitchen</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair Towers, Fourth Floor</i>								
<b>Ceilings</b>								
AcousTileConcealSpLn	10%			2042	**	5	\$17,000	
AcousTileSusp.Lay-In	35%			2042	**	5	\$47,600	
Exposed Struc: Steel	5%			LIFE	**	10	\$13,600	
Glass: Susp Panels	15%			LIFE	**	10	\$15,300	
Metal Panel	5%	Now	\$46,400	LIFE	**	5	\$8,500	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : First Floor Serving Kitchen</i>								
Plaster	30%			LIFE	**	5-10	\$70,200	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	30%			2049	**			
Iron Picket	70%			2064	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%	0-2	\$21,400	2064	**			
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Wall Near Entry Way</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	40%			2032	**			
Cast in Place Concrete	30%			2042	**			
Pavers/Stone	30%			2038	**			
<b>Parking/Driveway</b>								
Asphalt	100%			2038	**			

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

Over 600 Volts

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

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
Service Equipment								
Oil Fuse Cutout	100%			2029	\$34,100	3	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Two Main Service Disconnect Swithces Rated At 4160 Volts And 600 Amperes Each.</i>						
<hr/>								
Transformers								
Liquid Filled	100%			2027	\$140,300	3	\$900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 750 Kilo-volt-ampere, 4160 / 208/277 Volts And One 500 Kilo-volt-ampere, 4160/208/277 Volts.</i>						
<hr/>								
Feeders								
Cable	100%			2028	\$15,800	1		
<hr/>								
Raceway								
Conduit	100%			2029	\$41,800	1		
<hr/>								
<b>Under 600 Volts</b>								
Transformers								
Dry Type	100%			2027	\$16,100	5	\$400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : 33 Kilo-volt-ampere. 45 Kilo-volt-ampere 480/208/120 Volts</i>						
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	25%			2029	\$43,600	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Two Vertical Sections</i>						
Molded Case Bkrs	75%			2029	\$130,900	5	\$1,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Four Vertical Sections</i>						
<hr/>								
Raceway								
Conduit	100%			2029	\$176,200	1		
<hr/>								
Panelboards								
Fused Disc Sw	30%			2028	\$54,900	5	\$700	
Molded Case Bkrs	70%			2028	\$128,100	5	\$1,800	
<hr/>								
Wiring								
Braided Cloth	10%	2-4	\$26,100	2054	**	1		
		<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Thermoplastic	90%			2039	**	1		
<hr/>								
Motor Controllers								
Locally Mounted	80%			2034	**	5	\$500	
Locally Mounted	20%			2027	\$15,400	5	\$100	
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,900	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2034	**	1	\$30,000	
Generators								
Diesel	100%			2025	\$197,900	1	\$37,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator House At Right Side Of Building</i>								
<i>Explanation : Emergency Generator Rated At 60 Kilowatts</i>								
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$3,600	
Fuel Storage								
Day Tank								
	10%			2028	\$700	5	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator House</i>								
<i>Explanation : 25 Gallon Rated Capacity</i>								
Main Tank								
	90%			2044	**	5	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator House</i>								
<i>Explanation : 300 Gallon Rated Capacity</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent								
	5%			2034	**	10	\$4,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room And Offices</i>								
HID	5%			2029	\$8,000	10	\$200	
Incandescent	80%			2029	\$884,600	2	\$1,700	
LED	10%			2037	**			
Egress Lighting								
Emergency, Service								
	40%			2029	\$19,600	1		
Emergency, Battery								
	10%			2029	\$13,400	10	\$2,400	
Exit, Service								
	50%			2029	\$13,400	1		
Exterior Lighting								
HID	15%			2029	\$56,400	10		
LED	15%			2034	**			
No Component	70%							
<b>Alarm</b>								
Security System								
No Component								
Generic	30%			2029	\$90,300	1	\$10,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component								
Generic, Analog	10%	0-2	\$103,100	2039	**	1-3	\$5,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways, Mechanical And Electrical Room</i>								
<i>Explanation : Obsolete Fire Alarm System , Alarm Bells And Manual Pull Stations</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2039	**	1		
<b>Conversion Equipment</b>								
Furnace	30%			2024	\$65,900	1	\$14,500	
Steam Boiler	70%	4+	\$422,400	2049	**	1	\$60,900	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boilers Beyond Useful Life</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Boilers</i>								
<b>Distribution</b>								
Steam Piping/Pump	70%			2029	\$288,600			
No Component	30%							
<b>Terminal Devices</b>								
Air Handler	40%			2024	\$524,400	1	\$24,100	
Convactor/Radiator	30%			2027	\$149,700	1	\$9,500	
No Component	30%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	60%			2037	**	1		
Steam/HW System	40%			2039	**	1		
<b>Conversion Equipment</b>								
Absorption Chiller/Steam/HW	40%	4+	\$880,800	2044	**	1	\$38,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Beyond Useful Life</i>								
Reciprocating Compr/Chiller	5%			2029	\$39,600	1	\$2,300	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1 Unit, Basement</i>								
Ext Pkg Unit - Heating/Cooling	10%			2024	\$116,700	2	\$600	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 4 Package Units, On Lower Roof.</i>								
Ext Pkg Unit - Heating/Cooling	30%			2037	**	2	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 4 Units Are On Lower Roof, 2 Units Are On Top Roof.</i>								
<i>Explanation : 6 Units, R-410a Refrigerant</i>								
Split Unit	10%			2034	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4 Units, R-410a Refrigerant</i>								
No Component	5%							

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**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
<b>Distribution</b>								
	CW & CHW Wtr Pipe/Pump	40%		2029	\$43,200	4	\$2,900	
	No Component	60%						
<b>Terminal Devices</b>								
	Air Handler/Cool/Ht	40%		2024	\$397,400	1	\$24,100	
	Fan Coil - 4 Pipe	15%		2034	**	1	\$4,700	
	No Component	45%						
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	15%		2034	**	2	\$10,200	
	Water Cooling Tower	40%		2023	\$134,500	2	\$39,300	
	No Component	45%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$86,100	
<b>Exhaust Fans</b>								
	Interior	50%		2024	\$165,900	2	\$1,500	
	Roof	20%		2024	\$31,000	2	\$600	
	Roof	30%		2037	**	2	\$900	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%		2039	**	1		
<b>HW Heat Exchanger</b>								
	Steam Fired	100%		2029	\$148,500	4	\$14,500	
<b>Sanitary Piping</b>								
	Cast Iron	100%		LIFE	**	1		
<b>Storm Drain Piping</b>								
	Cast Iron	100%		LIFE	**	1		
<b>Sump Pump(s)</b>								
	Non-Submersible	80%		2029	\$11,400	4	\$2,500	
					<i>Other Observation, Extent : Light, Area Affected : 100%</i>			
					<i>Location : Basement</i>			
					<i>Explanation : Duplex Unit In Sump Pit</i>			
	Submersible	20%		2020	\$600	4	\$600	
					<i>Other Observation, Extent : Light, Area Affected : 100%</i>			
					<i>Location : Boiler Room</i>			
					<i>Explanation : 2 Units</i>			
<b>Sewage Ejector(s)</b>								
	Electric	100%		2029	\$26,900	4	\$5,800	
					<i>Other Observation, Extent : Light, Area Affected : 100%</i>			
					<i>Location : Basement</i>			
					<i>Explanation : Duplex Unit</i>			
<b>Backflow Preventer</b>								
	Generic	100%		2029	\$23,700	1	\$6,000	
<b>Fixtures</b>								
	Generic	100%						

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport								
Elevators								
	Geared Traction	100%			LIFE		**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 5 Units</i>								
<i>Explanation : 1- Lobby To Penthouse, 1- Lower Lobby To Penthouse, 2- Lobby To Ball Room, 1- Basement To Ballroom</i>								
Fire Suppression								
Standpipe								
	Generic	100%			2039		**	\$49,200
Sprinkler								
	Generic	100%			2039		**	\$27,300
Fire Pump								
	Generic	100%			2032		**	\$18,200
Chemical System								
	No Component	50%						
	Generic	50%			2024	\$13,300	1-3	\$2,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchens</i>								
<i>Explanation : 8 Sets</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT  
 Address : GRAND CENTRAL PARKWAY WORLD FAIR MARINA  
 Borough : QUEENS Agency's Number : Q099-02A  
 Program / Asset # : PAR0019.027 / 1066 Yr Built/Renovated : 1964 /  
 Area Sq Ft : 14,007 Project Type : PARKS AND RECREATION  
 Date of Survey : 31-May-2018 Landmark Status : NONE  
 Areas Surveyed : Floors 1,2  
 Block : 2018 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture		\$40,800
Electrical		\$191,000
Mechanical		\$221,600
<b>Total</b>		<b>\$453,300</b>
Importance Code A		\$40,800
Importance Code B		\$412,600
<b>Total</b>		<b>\$453,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$29,500		\$1,600	
Interior Architecture	\$75,800		\$8,700	\$1,800
Electrical	\$23,800	\$1,500	\$1,600	\$1,900
Mechanical	\$7,000	\$2,700	\$2,400	\$2,900
<b>Total</b>	<b>\$136,100</b>	<b>\$4,200</b>	<b>\$14,200</b>	<b>\$6,500</b>
Importance Code A	\$30,100	\$700	\$2,200	\$700
Importance Code B	\$79,700	\$3,500	\$12,000	\$5,800
Importance Code C	\$26,300			
<b>Total</b>	<b>\$136,100</b>	<b>\$4,200</b>	<b>\$14,200</b>	<b>\$6,500</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**  
**Asset # : 1066**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Metal Panel	55%	Now	\$8,000	2049	**	5	\$40,800	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Underside Of Corrugated Metal Soffit On The North And South Facades.</i>								
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%</i>								
<i>Location : Hole In Underside Of Soffit, At Southwest Corner</i>								
Metal Panel	5%			2039	**	5-10	\$13,600	
Window Wall	35%			2039	**	5	\$51,900	
Wood	5%			2034	**	5	\$9,900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Wood Trim Throughout</i>								
<b>Windows</b>								
Aluminum	100%			2037	**	5	\$3,200	
<b>Parapets</b>								
Metal Panel	20%	Now	\$900	2049	**	5	\$400	
<i>Loose Units, Extent : Light, Area Affected : 20%</i>								
<i>Location : South Side.</i>								
Wood Rail	80%			2030	**	5-10	\$18,100	
<b>Roof</b>								
Modified Bitumen	90%	Now	\$8,800	2034	**			
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southwest Corner Of Roof</i>								
Skylight, Metal/Glass	10%			2039	**	10	\$11,700	
<b>Interior</b>								
<b>Floors</b>								
Carpet	60%			2028		3	\$21,100	
Carpet	5%			2028		3	\$1,800	
Cast in Place Concrete	10%			LIFE	**	5	\$10,300	
Ceramic Tile	15%			2038	**	5	\$3,500	
Quarry Tile	5%			2042	**	5	\$1,800	
Vinyl Tile	5%			2034	**	3	\$400	
<b>Interior Walls</b>								
Concrete Masonry Unit	20%			LIFE	**	5	\$3,800	
Gypsum Board	75%			LIFE	**	5-10	\$30,400	
Wood	5%			LIFE	**	5	\$9,500	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%	Now	\$3,900	2034	**	5	\$2,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Storage Room Located On West Side Of Building</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Kitchen And Electrical Room.</i>								
Exposed Struc: Steel	15%			LIFE	**	10	\$7,000	
Gypsum Board	65%			LIFE	**	5-10	\$52,500	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Iron Picket	100%			2064	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**  
**Asset # : 1066**

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

## Site Enclosure

## Retaining Walls

Masonry: Fieldstone	100%			2049	**			
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## Site Pavements

## On-Site Walkways

Cast in Place Concrete	100%			2034	**			
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## Parking/Driveway

Asphalt	100%			2038	**			
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## Activity Yard

Pavers/Stone	100%			2038	**			
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<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2029	\$1,500	5	\$100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switch Rated At 2000 Amperes.*

## Transformers

## Dry Type

Dry Type	100%			2027	\$16,100	5	\$100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Two Dry Type Transformers Rated At 500 Kilo-volt-ampere And 75 Kilo-volt-ampere. 480/277/120 Volts*

## Switchgear / Switchboard

## Fused Disc Sw

Fused Disc Sw	100%			2029	\$33,000	5	\$100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Three Vertical Sections*

## Raceway

## Conduit

Conduit	100%			2029	\$32,000	1		
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## Panelboards

## Fused Disc Sw

Fused Disc Sw	40%			2028	\$6,100	5	\$100	
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## Molded Case Bkrs

Molded Case Bkrs	50%			2028	\$7,600	5	\$200	
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## Molded Case Bkrs

Molded Case Bkrs	10%			2045	**	5		
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## Wiring

## Braided Cloth

Braided Cloth	30%	2-4	\$8,500	2054	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

## Thermoplastic

Thermoplastic	70%			2029	\$19,800	1		
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## Motor Controllers

## Locally Mounted

Locally Mounted	100%			2027	\$30,800	5	\$100	
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## Ground

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**

**Asset # : 1066**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices Generic	100%	2-4	\$9,700	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : Corroded</i>								
<b>Stand-by Power</b>								
Generators Natural Gas	100%			2032	**	1	\$5,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Left Side Of The Building</i>								
<i>Explanation : Emergency Generator Rated At 17 Kilowatts</i>								
<b>Batteries</b>								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting Fluorescent	30%			2024	\$42,900	10	\$3,900	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices And Kitchen</i>								
LED	70%			2034	**			
<b>Egress Lighting</b>								
Emergency, Service	40%			2029	\$2,800	1		
Emergency, Battery	10%			2029	\$1,900	10	\$300	
Exit, Service	20%			2024	\$400	1		
Exit, Battery	30%			2029	\$2,000	10	\$300	
<b>Exterior Lighting</b>								
HID	30%			2024	\$16,200	10		
No Component	70%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2029	\$13,000	1	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2029	\$148,100	1-3	\$8,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns</i>								

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

Heating

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**

**Asset # : 1066**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	15%			2039	**	1		
Natural Gas	85%			2039	**	1		
<b>Conversion Equipment</b>								
Furnace	10%			2037	**	1	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Marina Office</i>								
<i>Explanation : 1 Gas Modine Heater</i>								
Furnace	25%			2029	\$7,900	1	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Roof Top Units Serve The Restaurant</i>								
Heat Pump Air Sourced	15%			2027		2	\$700	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 4 Units, On Side Of The Building.</i>								
Hot Water Boiler	50%			2034	**	1	\$3,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Boiler</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	50%			2037	**	4	\$500	
No Component	50%							
<b>Terminal Devices</b>								
No Component	35%							
Not Accessible	65%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Restaurant</i>								
<i>Explanation : Fan Coil Units In Ceiling</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2037	**	1		
<b>Conversion Equipment</b>								
Ext Pkg Unit - Heating/Cooling	40%			2029	\$67,100	2	\$300	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2 Units On Roof</i>								
Split Unit	10%			2037	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Marina Office 2nd Floor</i>								
<i>Explanation : 1 Unit, Refrigerant R-410a.</i>								
Split Unit	30%			2029	\$85,700			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 4 Units On Side Of The Building</i>								
Window/Wall Unit	10%			2024	\$2,800	1		
No Component	10%							

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

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**  
**Asset # : 1066**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Terminal Devices</b>								
	Fan Coil - 2 Pipe	10%			2037	**	1	\$500
	Fan Coil - 2 Pipe	30%			2029	\$68,800	1	\$1,400
	No Component	60%						
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	40%			2029	\$9,700	2	\$3,900
	No Component	60%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,400
<b>Exhaust Fans</b>								
	Interior	60%			2029	\$28,600	2	\$300
	Roof	40%			2029	\$8,900	2	\$200
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2039	**	1	
<b>Water Heater</b>								
	Gas Fired	100%			2024	\$8,200	2	\$200
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Sewage Ejector(s)</b>								
	Electric	100%	0-2	\$800	2029	\$3,900	4	\$600
				<i>Noisy/Vibrating, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Boiler Room</i>				
<b>Fixtures</b>								
	Generic	100%						
<b>Fire Suppression</b>								
<b>Sprinkler</b>								
	No Component	15%						
	Generic	85%			2039	**	1-2	\$3,300
<b>Chemical System</b>								
	Generic	100%			2024	\$26,700	1-3	\$4,000
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Kichen</i>				
				<i>Explanation : 1 Set</i>				

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK ZOO - COYOTE EXHIBIT  
**Address** : 53-51 111TH STREET  
**Borough** : QUEENS **Agency's Number** : Q099-A048  
**Program / Asset #** : PAR0019.048 / 810 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 450 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$26,500		\$4,400	
Interior Architecture	\$11,300			
Electrical				
Mechanical				
<b>Total</b>	<b>\$37,800</b>		<b>\$4,400</b>	
Importance Code A	\$26,500		\$4,400	
Importance Code B	\$2,600			
Importance Code C	\$8,700			
<b>Total</b>	<b>\$37,800</b>		<b>\$4,400</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ZOO - COYOTE EXHIBIT**  
**Asset # : 810**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	40%	Now	\$21,700	LIFE	**	5	\$6,300	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Top Of Pond Wall At Fence Posts, Throughout</i>								
Metal: Cage/Fence	30%			2042	**	5	\$4,100	
Wood	30%			2042	**	5	\$4,700	
<b>Roof</b>								
Asphalt Shingle	100%	Now	\$4,800	2044	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Wood Fascia On Shed Roof</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Shed Roof Over Holding Pen</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$3,200	
<b>Interior Walls</b>								
Wood	100%			LIFE	**	5	\$17,400	
<b>Ceilings</b>								
Exposed Struc: Wood	100%			LIFE	**	10	\$1,000	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	100%			2032	**			
<b>Electrical</b>								
<b>System Component Type</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2029		\$3,800	1	
<b>Wiring</b>								
Thermoplastic	100%			2029		\$8,300	1	
<b>Lighting</b>								
<b>Exterior Lighting</b>								
LED	30%			2029		\$600		
No Component	70%							
<b>Mechanical</b>								
<b>System Component Type</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	90%			2039	**		1	
Galvanized Steel	10%			2027		\$200	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK ZOO - ELK EXHIBIT  
**Address** : 53-51 111TH STREET  
**Borough** : QUEENS **Agency's Number** : Q099-A049  
**Program / Asset #** : PAR0019.049 / 811 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

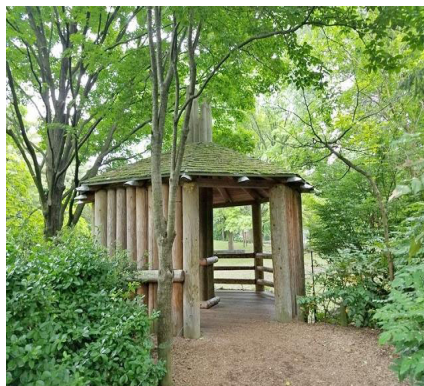
**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$7,900	
Interior Architecture	\$11,100			
Electrical				
<b>Total</b>	<b>\$11,100</b>		<b>\$7,900</b>	
Importance Code A			\$7,900	
Importance Code B	\$1,200			
Importance Code C	\$9,900			
<b>Total</b>	<b>\$11,100</b>		<b>\$7,900</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ZOO - ELK EXHIBIT**

**Asset # : 811**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Wood	100%			2042	**	5	\$15,700	
Roof								
Wood Shingles	100%			2038	**	10	\$500	
<b>Interior</b>								
Floors								
Asphalt Poured	20%	Now	\$200	2049	**	5		
		<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Night Holding Pens</i>						
No Component	80%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Earth</i>						
Interior Walls								
Wood	100%	2-4	\$9,900	LIFE	**	5	\$8,700	
		<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Wood Support Post Bases</i>						
Ceilings								
Exposed Struc: Wood	100%			LIFE	**	10	\$1,000	
<b>Site Pavements</b>								
On-Site Walkways								
Asphalt	100%			2038	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2039	**	1		
Wiring								
Thermoplastic	100%			2039	**	1		
<b>Lighting</b>								
Exterior Lighting								
HID	30%			2029	\$600	10		
No Component	70%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING MEADOWS CORONA PARK ZOO - PUMA/BOBCAT EXHIBIT  
**Address** : 53-51 111TH STREET  
**Borough** : QUEENS **Agency's Number** : Q099-A050  
**Program / Asset #** : PAR0019.050 / 812 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$7,900	\$200	
Interior Architecture	\$6,000			
Electrical				
Mechanical			\$400	
<b>Total</b>	<b>\$6,100</b>	<b>\$7,900</b>	<b>\$600</b>	
Importance Code A		\$7,900	\$300	
Importance Code B	\$6,000		\$300	
<b>Total</b>	<b>\$6,100</b>	<b>\$7,900</b>	<b>\$600</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ZOO - PUMA/BOBCAT EXHIBIT**

**Asset # : 812**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Exterior								
Exterior Walls								
Wood	100%			2046	**	5	\$15,700	
Roof								
Asphalt Shingle	100%			2032	**	10	\$200	
Interior								
Ceilings								
Wood	100%			LIFE	**	5	\$12,100	
Site Enclosure								
Retaining Walls								
Masonry: Fieldstone	100%			2049	**			
Site Pavements								
On-Site Walkways								
Asphalt	100%			2038	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	100%			2039	**	1		
Wiring								
Thermoplastic	100%			2039	**	1		
Lighting								
Exterior Lighting								
HID	30%			2024	\$500	10		
No Component	70%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	100%			2039	**	1		
Conversion Equipment								
Radiant Heater	100%			2024	\$6,800	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Ceiling Mounted</i>								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2034	**	1		
Water Heater								
Electric	100%			2022	\$300	4		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Under Sink</i>								
<i>Explanation : 20 Gallons</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ZOO - PUMA/BOBCAT EXHIBIT**  
**Asset # : 812**

Print Date : 25-Oct-2018      **DEPT. OF PARKS & RECREATION - FY 2019**

<b>Asset Name</b>	: FOREST PARK BANDSHELL - 11		
<b>Address</b>	: MYRTLE AVE, UNION TPKE,		
<b>Borough</b>	: QUEENS	<b>Agency's Number</b>	: Q015-17
<b>Program / Asset #</b>	: PAR0011.110 / 207	<b>Yr Built/Renovated</b>	: 1932 / 2001
<b>Area Sq Ft</b>	: 2,724	<b>Project Type</b>	: PARKS AND RECREATION
<b>Date of Survey</b>	: 02-May-2018	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	: Roof, Floors 1		
<b>Block</b>	: 3907	<b>Lot</b>	: 1050 <b>BIN</b> :

**CAPITAL**

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**Total**

Importance Code

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**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$13,200		\$3,000	
Interior Architecture	\$5,500	\$500	\$200	\$300
Electrical				
Mechanical		\$200		\$200
<b>Total</b>	<b>\$18,700</b>	<b>\$600</b>	<b>\$3,200</b>	<b>\$400</b>
Importance Code A	\$13,200		\$3,000	
Importance Code B	\$3,100	\$600	\$200	\$300
Importance Code C	\$2,500			\$200
<b>Total</b>	<b>\$18,700</b>	<b>\$600</b>	<b>\$3,200</b>	<b>\$400</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK BANDSHELL - 11**  
**Asset # : 207**

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								
Glazed Ceramic Panel	50%			LIFE	**	5	\$25,100	
Masonry: Granite	5%			LIFE	**	5	\$400	
Metal Panel	2%	2-4	\$200	2049	**	5	\$200	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Exit</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Exit</i>								
Metal Coiling Doors	5%			2042	**	5	\$800	
Stucco Cement	38%			2042	**	5	\$5,100	
Windows								
Aluminum	100%			2045	**	5		
Parapets								
Concrete Masonry Unit	45%			LIFE	**	5-10	\$200	
Glazed Ceramic Panel	50%			2049	**	5-10	\$400	
Pre-Cast Concrete	5%			LIFE	**	5		
Roof								
Modified Bitumen	100%			2037	**	10	\$2,600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$4,300	
Ceramic Tile	10%			2038	**	5	\$200	
Vinyl Tile	50%			2034	**	3	\$500	
Interior Walls								
Ceramic Tile	10%			2038	**	5	\$300	
Concrete Masonry Unit	40%			LIFE	**	5	\$1,100	
Gypsum Board	50%			LIFE	**	5-10	\$3,000	
Ceilings								
AcousTileSusp.Lay-In	60%			2046	**	5	\$1,000	
Exposed Concrete	10%			LIFE	**	5-10	\$200	
Exposed Struc: Steel	10%			LIFE	**	10	\$300	
Plaster	20%			LIFE	**	5-10	\$600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	**			
Free Standing Walls								
Cast in Place Concrete	100%			2064	**			
Retaining Walls								
Cast in Place Concrete	100%			2064	**			
Site Pavements								
Activity Yard								
Cast in Place Concrete	10%			2042	**			
Pavers/Stone	90%			2038	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK BANDSHELL - 11**  
**Asset # : 207**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 400 Amperes.</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2039	**	5		
Raceway								
Conduit	100%			2039	**	1		
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$100	
Wiring								
Thermoplastic	100%			2039	**	1		
Motor Controllers								
Locally Mounted	100%			2034	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2029	\$6,100	10	\$2,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Exit, Battery	100%			2029	\$2,600	10	\$200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Air Conditioning								
Energy Source								
Electricity	100%			2045	**	1		
Conversion Equipment								
Split Unit	25%			2037	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dressing Room</i>								
<i>Explanation : 1 Unit. R-410a Refrigerant</i>								
No Component	75%							
Terminal Devices								
Fan Coil - 2 Pipe	25%			2037	**	1	\$200	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2037	**	2	\$500	
No Component	75%							
Ventilation								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK BANDSHELL - 11**  
**Asset # : 207**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Ventilation								
	Exhaust Fans							
	Roof	100%		2029	\$4,300	2	\$100	
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2039	**	1		
	Water Heater							
	Electric	100%		2024	\$2,300	4		
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	**	1		
	Backflow Preventer							
	Generic	100%		2029	\$700	1	\$200	
	Fixtures							
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK CAROUSEL - 28  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : Q015-15  
**Program / Asset #** : PAR0011.280 / 212 **Yr Built/Renovated** : 1932 / 2001  
**Area Sq Ft** : 3,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

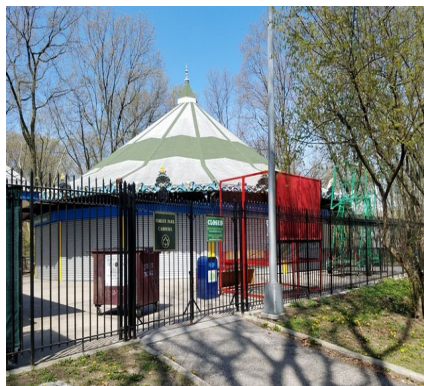
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$3,000	
Interior Architecture	\$21,000			
Electrical				
<b>Total</b>	<b>\$21,000</b>		<b>\$3,100</b>	
Importance Code A			\$3,000	
Importance Code B	\$21,000			
<b>Total</b>	<b>\$21,000</b>		<b>\$3,100</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CAROUSEL - 28**  
**Asset # : 212**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Metal Panel	5%			2049	**	5-10	\$2,100	
Metal Coiling Doors	85%			2034	**	5	\$16,400	
Wood	10%			2042	**	5	\$3,100	
Roof								
Asphalt Shingle	100%			2032	**	10	\$1,500	
<b>Interior</b>								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$31,200	
Ceilings								
Exposed Struc: Wood	100%			LIFE	**	10	\$5,400	
<b>Site Enclosure</b>								
Fence/Gates								
Iron Picket	100%			2064	**			
<b>Site Pavements</b>								
On-Site Walkways								
Cast in Place Concrete	100%			2042	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2039	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 100 Amperes.</i>								
Raceway								
Conduit	100%			2039	**	1		
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$100	
Wiring								
Thermoplastic	100%			2039	**	1		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
HID	50%			2029	\$13,300	10	\$100	
Incandescent	50%			2029	\$8,500	2		

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK CARPENTER/BLACKSMITH - 12  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0011.120 / 208 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 11,630 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,Att  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$475,600	\$139,500
Interior Architecture	\$475,100	
Electrical		\$47,500
<b>Total</b>	<b>\$950,700</b>	<b>\$187,100</b>
Importance Code A	\$475,600	\$139,500
Importance Code B	\$185,000	\$47,500
Importance Code C	\$290,100	
<b>Total</b>	<b>\$950,700</b>	<b>\$187,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$69,200		\$500	
Interior Architecture	\$100,700		\$700	\$300
Electrical	\$14,100	\$100	\$300	\$100
Mechanical	\$700	\$600	\$7,600	\$600
Site Enclosure	\$2,600			
Site Pavements	\$25,500			
<b>Total</b>	<b>\$212,800</b>	<b>\$800</b>	<b>\$9,100</b>	<b>\$1,100</b>
Importance Code A	\$69,800	\$600	\$1,100	\$600
Importance Code B	\$89,300	\$200	\$8,000	\$500
Importance Code C	\$53,700			
<b>Total</b>	<b>\$212,800</b>	<b>\$800</b>	<b>\$9,100</b>	<b>\$1,100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**

**Asset # : 208**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$204,200	LIFE	**	5	\$22,100	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Masonry Openings</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout And At Base Of Building</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	8%	0-2	\$12,000	2042	**	5	\$3,300	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Base Of Coiling Doors</i>								
Stucco Cement	2%	Now	\$3,100	2034	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Facade, Archway Of Rolling Door</i>								
Wood	5%	Now	\$34,800	2034	**	5	\$3,300	1
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Door Openings</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Clearstories, Fascia, Window Framing</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Door Openings, Clearstories</i>								
Windows								
Aluminum	90%			2045	**	5	\$4,600	
Wood	10%	Now	\$14,800	2054	**	5	\$2,600	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : West Facade</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Facade</i>								

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**  
**Asset # : 208**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	95%	Now	\$111,600	LIFE	**	5	\$3,800	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Corners</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Roof Parapet Wall</i>								
<i>Explanation : Covered With Roofing Membrane</i>								
Masonry: Limestone	5%	0-2	\$2,100	LIFE	**	5	\$300	1
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Coping</i>								
Roof								
Asphalt Shingle	10%			2042	**	10	\$500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
IRMA/Protected Membrane	47%	Now	\$118,000	2039	**			1
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Over Tool Room</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Over Tool Room</i>								
Modified Bitumen	30%			2037	**	10	\$9,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Skylight, Metal/Glass	3%	Now	\$41,900	2029	\$139,500			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Shops</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Shops</i>								
<i>Explanation : Three Skylights</i>								
Under Construction	10%							
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.



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**  
**Asset # : 208**

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	70%	Now	\$25,900	LIFE	**	5	\$26,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Area</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Area</i>								
Ceramic Tile	5%			2032	**	5	\$900	
Vinyl Tile	15%	Now	\$22,700	2039	**	3	\$1,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Corridors</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Corridors, Lockers, Kitchen</i>								
Wood	10%	Now	\$11,700	2032	**	5	\$1,600	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Blacksmith Shop</i>								
<i>Loose Units, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Blacksmith Shop</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Blacksmith Shop</i>								
Interior Walls								
Concrete Masonry Unit	15%	Now	\$22,000	LIFE	**	5	\$1,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Around Windows Throughout</i>								
Gypsum Board	10%			LIFE	**	5-10	\$5,500	
Masonry: Brick	75%	Now	\$290,100	LIFE	**			
<i>Paint Peeling, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, 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.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**

**Asset # : 208**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	3%			2042	**	5	\$500	
Exposed Concrete	62%	Now	\$103,500	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Tool Room</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Blacksmith Shop, Wood Shop</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Tool Room</i>								
Exposed Struc: Wood	25%	Now	\$81,500	LIFE	**			
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Shops</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Shops</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Shops</i>								
Wood	10%			LIFE	**	5	\$29,700	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%	4+	\$2,600	2049	**			
<i>Impact Damage, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fence Near Front</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	100%			2032	**			
<b>Parking/Driveway</b>								
Asphalt	100%	0-2	\$25,500	2038	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Parking Area</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2039	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 800 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2039	**	5	\$100	
<b>Raceway</b>								
Conduit	100%			2039	**	1		
<b>Panelboards</b>								
Fused Disc Sw	20%			2037	**	5	\$100	
Molded Case Bkrs	80%			2037	**	5	\$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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**  
**Asset # : 208**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2039	**	1		
Ground								
Grounding Devices								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main Area</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
Fluorescent	40%			2024	\$47,500	10	\$4,300	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Store Rooms</i>								
LED	60%			2037	**			
Exterior Lighting								
HID	30%			2024	\$13,400	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2037	**	1	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Front Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2039	**	1		
Conversion Equipment								
Furnace	100%			2024	\$26,200	1	\$5,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 8 Units</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		
Conversion Equipment								
Window/Wall Unit	30%			2022	\$7,000	1		
No Component	70%							
Ventilation								
Exhaust Fans								
Wall Unit	30%			2024	\$1,200	2	\$100	
No Component	70%							

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**  
**Asset # : 208**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>									
	H/C Water Piping								
	Brass/Copper	100%			2039	**	1		
	Water Heater								
	Electric	30%			2024	\$2,900	4		
	Gas Fired	70%			2024	\$4,700	2	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Backflow Preventer								
	Generic	100%			2037	**	1	\$700	
	Fixtures								
	Generic	100%							
			<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Throughout</i>						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK ELECTRICAL AND MASONRY - 14  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0011.140 / 210 **Yr Built/Renovated** : 1932 / 2010  
**Area Sq Ft** : 13,607 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$265,600	
Interior Architecture	\$150,000	\$37,900
Site Pavements	\$101,400	
<b>Total</b>	<b>\$517,000</b>	<b>\$37,900</b>
Importance Code A	\$265,600	
Importance Code B	\$150,000	\$37,900
Importance Code C	\$101,400	
<b>Total</b>	<b>\$517,000</b>	<b>\$37,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$74,300		\$900	
Interior Architecture	\$32,700			\$800
Electrical	\$200	\$200	\$200	\$300
Mechanical	\$1,200	\$1,300	\$900	\$1,000
<b>Total</b>	<b>\$108,400</b>	<b>\$1,500</b>	<b>\$2,000</b>	<b>\$2,100</b>
Importance Code A	\$75,000	\$700	\$1,600	\$700
Importance Code B	\$17,500	\$800	\$400	\$1,400
Importance Code C	\$15,800			
<b>Total</b>	<b>\$108,400</b>	<b>\$1,500</b>	<b>\$2,000</b>	<b>\$2,100</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	\$66,200	LIFE	**	5	\$28,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Facade</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Facade</i>								
<i>Explanation : West Facade Is Two Stories</i>								
Masonry: Brick	75%	Now	\$199,400	LIFE	**	5	\$21,600	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Chimney, Corners</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Masonry Openings</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	3%			LIFE	**	5	\$1,300	
Metal Sect. OHD	2%			2042	**	5	\$1,800	
Windows								
Aluminum	100%			2045	**	5	\$3,200	
Parapets								
Cast Stone/Terra Cotta	8%			LIFE	**	5-10	\$14,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parapet</i>								
Masonry: Brick	92%			LIFE	**	5-10	\$39,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parapet Wall</i>								
<i>Explanation : Covered With Metal Panels</i>								
Roof								
Modified Bitumen	80%			2037	**	10	\$15,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 80%</i>								
<i>Location : Roof</i>								
Skylight, Metal/Glass	5%	Now	\$28,400	2039	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Shops</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Over Shops</i>								
<i>Explanation : Two Skylights</i>								
Under Construction	15%							
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$75,700	
Ceramic Tile	5%			2038	**	5	\$1,000	
Vinyl Tile	10%			2029		3	\$17,700	

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	20%			LIFE	**	5	\$5,500	
Gypsum Board	10%			LIFE	**	5-10	\$5,800	
Masonry: Brick	45%			LIFE	**	10	\$4,600	
Plaster	25%			LIFE	**	5-10	\$7,300	
<b>Ceilings</b>								
Exposed Concrete	90%	Now	\$112,100	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Paint Shops, Electrical Shop</i>								
Wood	10%			LIFE	**	5	\$33,200	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2039	**			
<b>Site Pavements</b>								
<b>Parking/Driveway</b>								
Asphalt	100%	Now	\$101,400	2038	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Parking Areas</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2029	\$32,000	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2028	\$15,300	5	\$400	
<b>Wiring</b>								
Thermoplastic	100%			2029	\$28,300	1		
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	20%			2029	\$27,800	10	\$2,500	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Shops</i>								
LED	80%			2037	**			
<b>Exterior Lighting</b>								
HID	20%			2029	\$10,500	10		
No Component	80%							

**Alarm**

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

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

**Alarm**

## Security System

No Component

70%

Generic

30%

2037

\* \*

1

\$1,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Front Of The Building**Explanation : CCTV Surveillance Cameras*

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

**Heating**

## Energy Source

Natural Gas

100%

2049

\* \*

1

## Conversion Equipment

Hot Water Boiler

100%

2042

\* \*

1

\$6,700

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

## Distribution

Hot Wtr Piping/Pump

100%

2037

\* \*

4

\$1,000

## Terminal Devices

Convactor/Radiator

60%

2034

\* \*

1

\$2,600

Unit Heater - Steam

40%

2024

\$18,600

4

\$700

**Air Conditioning**

## Energy Source

Electricity

100%

2037

\* \*

1

## Conversion Equipment

Window/Wall Unit

60%

2024

\$16,300

1

No Component

40%

**Ventilation**

## Exhaust Fans

Wall Unit

20%

2029

\$900

2

\$100

No Component

80%

**Plumbing**

## H/C Water Piping

Brass/Copper

100%

2039

\* \*

1

## Water Heater

Gas Fired

100%

2027

\$7,900

2

\$200

## Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

## Storm Drain Piping

Cast Iron

100%

LIFE

\* \*

1

## Fixtures

Generic

100%

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK GREENHOUSE - 21  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS Agency's Number : Q015-14  
**Program / Asset #** : PAR0011.210 / 211 Yr Built/Renovated : 1925 / 2012  
**Area Sq Ft** : 20,344 Project Type : PARKS AND RECREATION  
**Date of Survey** : 02-May-2018 Landmark Status : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3907 Lot : 1050 BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$806,100	\$157,400
Interior Architecture	\$259,700	
Electrical		\$13,600
Mechanical		\$127,000
<b>Total</b>	<b>\$1,065,800</b>	<b>\$298,100</b>
Importance Code A	\$806,100	\$232,400
Importance Code B	\$177,700	\$65,700
Importance Code C	\$82,000	
<b>Total</b>	<b>\$1,065,800</b>	<b>\$298,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$76,700			
Interior Architecture	\$53,300			\$100
Electrical	\$4,800		\$200	
Mechanical	\$13,600	\$1,600	\$5,500	\$1,300
Site Pavements	\$5,400			
<b>Total</b>	<b>\$153,900</b>	<b>\$1,600</b>	<b>\$5,700</b>	<b>\$1,400</b>
Importance Code A	\$77,700	\$1,000	\$1,000	\$1,000
Importance Code B	\$50,400	\$500	\$4,700	\$400
Importance Code C	\$25,800			
<b>Total</b>	<b>\$153,900</b>	<b>\$1,600</b>	<b>\$5,700</b>	<b>\$1,400</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$56,000	LIFE	**	5	\$9,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
Cast in Place Concrete	18%			LIFE	**	5	\$35,000	
Masonry: Brick	2%			LIFE	**	5	\$800	
Window Wall	30%	Now	\$286,500	2059	**	5	\$10,900	1
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Structural Members</i>								
<i>Explanation : Corrosion And Rusting</i>								
Window Wall	35%			2049	**	5	\$25,500	
Wood	5%	Now	\$20,800	2042	**	5	\$2,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office Wing</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Office Wing</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office Wing</i>								
Windows								
Metal Louvers	50%			2038	**	10	\$7,300	
Wood	50%	Now	\$33,400	2054	**	5	\$5,800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Far End Green House</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Far End Green House</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Slate	10%	0-2	\$4,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Office Wing - Wood Structure</i>								
Sloped Glazing	40%	Now	\$376,100	LIFE	**	5	\$70,000	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Structural Members</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Sloped Glazing	50%			LIFE	**	5	\$174,900	
Interior								
Floors								
Cast in Place Concrete	45%	Now	\$17,500	LIFE	**	5	\$9,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	50%			LIFE	**	5	\$20,000	
Vinyl Tile	5%			2029	\$4,000	3	\$200	
Interior Walls								
Cast in Place Concrete	35%	Now	\$82,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	50%			LIFE	**	10	\$11,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : North And South Wings</i>								
Masonry: Brick	10%	Now	\$7,200	LIFE	**			
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Chimney</i>								
<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Chimney</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Chimney</i>								
Wood	5%			LIFE	**	5	\$3,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Struc: Steel	30%	0-2	\$177,700	LIFE	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Greenhouse</i>								
Plaster	5%	Now	\$1,800	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Boiler Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
Wood	10%	Now	\$3,500	LIFE	**	5	\$8,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
No Component	55%							
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2049	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%			2049	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	40%			2038	**			
Cast in Place Concrete	60%	4+	\$1,100	2042	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Near Front Entry</i>								
<b>Parking/Driveway</b>								
Asphalt	95%			2038	**			
Cast in Place Concrete	5%	0-2	\$4,300	2042	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2049	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 400 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2049	**	5	\$500	
<b>Raceway</b>								
Conduit	50%			2029	\$1,900	1		
Conduit	50%			2049	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Molded Case Bkrs	50%			2037	**	5	\$300	
Molded Case Bkrs	50%			2045	**	5	\$300	
<b>Wiring</b>								
Thermoplastic	50%			2039	**	1		
Thermoplastic	50%			2049	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2042	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	5%			2029	\$2,300	10	\$900	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Greenhouse</i>								
Fluorescent	25%			2024	\$11,400	10	\$4,700	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room And Offices</i>								
Fluorescent	70%			2034	**	10	\$13,100	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Greenhouse</i>								
<b>Egress Lighting</b>								
Exit, Service	100%			2034	**	1		
<b>Exterior Lighting</b>								
HID	30%			2024	\$23,500	10		
No Component	70%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	50%			2049	**	1		
Interruptible Gas/Dual Fuel	50%			2039	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Furnace	50%			2034	**	1	\$5,000	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 8 New Units</i>								
Hot Water Boiler	50%			2027	\$75,000	1	\$5,000	
<i>Not in Service, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Boiler No.1, Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	50%	0-2	\$800	2037	**	4	\$500	
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
No Component	50%							
<b>Terminal Devices</b>								
Convactor/Radiator	50%	0-2	\$5,200	2027	\$52,100	1	\$3,000	
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
No Component	50%							
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2037	**	1		
<b>Conversion Equipment</b>								
Window/Wall Unit	10%			2022	\$4,100	1		
No Component	90%							
<b>Ventilation</b>								
Exhaust Fans Wall Unit	100%			2034	**	2	\$600	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	10%	0-2	\$4,300	2039	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main Valve And Piping At Various Locations</i>								
Brass/Copper	90%			2039	**	1		
<b>Water Heater</b>								
Electric	100%			2024	\$17,100	4	\$200	
<b>Sanitary Piping</b>								
Cast Iron	30%	0-2	\$2,100	LIFE	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Cast Iron	70%			LIFE	**	1		
<b>Sump Pump(s)</b>								
Non-Submersible	100%			2029	\$3,000	4	\$600	

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**DEPT. OF PARKS & RECREATION - 846  
FOREST PARK GREENHOUSE - 21  
Asset # : 211**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
Fixtures								
Generic	100%							

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK OAK RIDGE ADMINISTRATION BLDG.  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : Q015-01A  
**Program / Asset #** : PAR0011.070 / 928 **Yr Built/Renovated** : 1910 / 2009  
**Area Sq Ft** : 11,461 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,Att  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$149,700	\$39,800
Electrical		\$274,200
Mechanical		\$107,300
<b>Total</b>	<b>\$149,700</b>	<b>\$421,200</b>
Importance Code A	\$149,700	\$39,800
Importance Code B		\$381,500
<b>Total</b>	<b>\$149,700</b>	<b>\$421,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$19,200		\$14,100	
Interior Architecture	\$52,000		\$1,100	\$1,200
Electrical	\$1,200	\$800	\$900	\$1,000
Mechanical	\$5,100	\$3,700	\$2,200	\$3,400
Site Enclosure	\$14,200			
Site Pavements	\$5,300			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$100,800</b>	<b>\$8,400</b>	<b>\$22,400</b>	<b>\$9,500</b>
Importance Code A	\$19,700	\$600	\$14,700	\$600
Importance Code B	\$47,000	\$7,900	\$7,700	\$8,200
Importance Code C	\$34,100			\$700
<b>Total</b>	<b>\$100,800</b>	<b>\$8,400</b>	<b>\$22,400</b>	<b>\$9,500</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	25%			LIFE	**	5	\$10,600	
Wood	75%	Now	\$85,200	2034	**	5	\$39,800	
<i>Split/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Actually Wood Shingles.</i>								
Windows								
Wood	100%	Now	\$64,500	2037	**	5	\$18,800	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 75%</i>								
<i>Location : First Floor</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor</i>								
Roof								
Asphalt Shingle	100%	Now	\$13,900	2032	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Roof</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Soffits								
Wood	100%			2042	**	5	\$28,300	
Interior								
Floors								
Carpet	10%			2028	\$22,300	3	\$2,600	
Cast in Place Concrete	10%			LIFE	**	5	\$7,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Covered With Rubber Flooring</i>								
Ceramic Tile	5%			2038	**	5	\$900	
Quarry Tile	2%			2042	**	5	\$500	
Wood	73%			2044	**	5	\$23,500	
Interior Walls								
Ceramic Tile	5%			2038	**	5	\$1,500	
Gypsum Board	20%			LIFE	**	5-10	\$10,000	
Plaster	65%			LIFE	**	5-10	\$16,300	
Wood	10%			LIFE	**	5	\$23,600	
Ceilings								
Exposed Struc: Wood	5%			LIFE	**	10	\$1,100	
Gypsum Board	20%			LIFE	**	5-10	\$10,000	
Plaster	75%			LIFE	**	5-10	\$18,800	
Site Enclosure								
Fence/Gates								
Chain Link	20%			2049	**			
Iron Picket	80%			2064	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Fieldstone	100%			2049	**			
Retaining Walls								
Masonry: Fieldstone	100%	4+	\$14,200	2049	**			
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	**			
On-Site Walkways								
Cast in Place Concrete	5%			2042	**			
Pavers/Stone	95%			2038	**			
Parking/Driveway								
Asphalt	100%	0-2	\$5,300	2032	**			
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Parking Area</i>					

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	\$4,900	5	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.</i>					
Transformers								
Dry Type	100%			2027	\$16,100	5		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : 150 Kilo-volt-ampere, 480/208/120 Volts</i>					
Switchgear / Switchboard								
Fused Disc Sw	100%			2029	\$99,700	5	\$100	
Raceway								
Conduit	100%			2029	\$28,300	1		
Panelboards								
Fused Disc Sw	50%			2037	**	5	\$100	
Molded Case Bkrs	50%			2037	**	5	\$200	
Wiring								
Thermoplastic	100%			2039	**	1		
Motor Controllers								
Locally Mounted	100%			2034	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	60%			2029	\$40,000	10	\$6,300	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	20%			2037	**	10	\$2,100	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	20%			2029	\$13,300	10	\$2,100	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2029	\$7,900	10	\$1,400	
Exit, Service	50%			2029	\$1,900	1		
<b>Exterior Lighting</b>								
HID	30%			2024	\$13,300	10		
No Component	70%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2029	\$10,600	1	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Intrusion Alarm Only. Motion Sensors</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2029	\$121,100	1-3	\$7,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Alarm Bells, Manual Pull Stations, Strobe Lights, Smoke Detectors And Horns</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2039	**	1		
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2034	**	1	\$5,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 2 Units</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2037	**	4	\$800	
<b>Terminal Devices</b>								
Convactor/Radiator	95%			2034	**	1	\$3,500	
Unit Heater - Steam	5%			2029	\$2,000	4	\$100	

**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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
	Electricity	100%			2037	**	1	
<b>Conversion Equipment</b>								
	Interior Pkg Unit - Cooling	50%			2033	**	2	\$400
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Attic</i>						
		<i>Explanation : 2 Units. R-410a Refrigerant</i>						
	Exterior Pkg Unit - Cooling	50%			2037	**	2	\$400
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside Backyard</i>						
		<i>Explanation : 1 Unit. R-410a Refrigerant</i>						
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	100%			2037	**	2	\$8,000
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,100
<b>Exhaust Fans</b>								
	Interior	100%			2037	**	2	\$400
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2039	**	1	
<b>Water Heater</b>								
	Electric	100%			2029	\$9,700	4	\$100
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Fixtures</b>								
	Generic	100%						
<b>Vertical Transport</b>								
<b>Elevators</b>								
	Hydraulic	100%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement To 2nd Floor</i>						
		<i>Explanation : 1 Unit</i>						
<b>Fire Suppression</b>								
<b>Sprinkler</b>								
	Generic	100%			2029	\$107,300	1-2	\$3,200
<b>Fire Pump</b>								
	Generic	100%			2032	**	1	\$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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : Q015-02  
**Program / Asset #** : PAR0011.010 / 205 **Yr Built/Renovated** : 1912 / 2007  
**Area Sq Ft** : 8,324 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$74,400	\$74,400
Electrical		\$2,400
<b>Total</b>	<b>\$74,400</b>	<b>\$76,800</b>
Importance Code A	\$74,400	\$74,400
Importance Code B		\$2,400
<b>Total</b>	<b>\$74,400</b>	<b>\$76,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$30,100	\$1,900		
Interior Architecture	\$48,400	\$300	\$2,200	\$300
Electrical	\$600	\$400	\$400	\$400
Mechanical	\$1,400	\$2,200	\$1,600	\$2,200
Site Enclosure	\$2,300			
<b>Total</b>	<b>\$82,900</b>	<b>\$4,800</b>	<b>\$4,200</b>	<b>\$3,000</b>
Importance Code A	\$30,900	\$2,700	\$800	\$800
Importance Code B	\$30,400	\$2,100	\$3,300	\$2,100
Importance Code C	\$21,600			
<b>Total</b>	<b>\$82,900</b>	<b>\$4,800</b>	<b>\$4,200</b>	<b>\$3,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	95%			LIFE	**	5	\$148,700	
<i>Painted Surfaces, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior Facade</i>								
Wood	5%	Now	\$8,400	2034	**	5	\$2,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Wood Door At West Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Wood Door At West Facade</i>								
Windows								
Aluminum	100%			2051	**	5	\$3,700	
Parapets								
Wood Cornice	100%			2039	**	5-10		
Roof								
Clay Tile	100%	0-2	\$21,700	2039	**			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Middle Chimney</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Middle Chimney</i>								
Interior								
Floors								
Carpet	20%			2028	\$32,500	3	\$3,700	
Carpet	5%	Now	\$8,100	2031	**	3	\$900	
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 1st Floor Office</i>								
Cast in Place Concrete	10%			LIFE	**	5	\$5,500	
Ceramic Tile	5%	0-2	\$3,700	2038	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Toilets</i>								
Vinyl Tile	60%			2034	**	3	\$2,800	
Interior Walls								
Glass: Single Pane	5%			LIFE	**	5	\$1,700	
Gypsum Board	10%			LIFE	**	5-10	\$3,800	
Plaster	75%			LIFE	**	5-10	\$14,300	
Wood	10%			LIFE	**	5	\$18,000	
Ceilings								
AcousTileSusp.Lay-In	5%			2046	**	5	\$500	
Exposed Concrete	25%			LIFE	**	5-10	\$3,400	
Gypsum Board	10%			LIFE	**	5-10	\$3,700	
Plaster	60%			LIFE	**	5-10	\$11,100	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	2%			2049	**			
Masonry: Fieldstone	98%	4+	\$2,300	2049	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Perimeter Retaining Wall</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

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

## Site Pavements

## Public Sidewalk

Cast in Place Concrete	100%			2042	**			
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## On-Site Walkways

Asphalt	80%			2038	**			
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Cast in Place Concrete	20%			2042	**			
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## Parking/Driveway

Asphalt	100%			2038	**			
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2049	**	5		
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Disconnect Switch Rated At 200 Amperes.*

## Switchgear / Switchboard

Fused Disc Sw	100%			2049	**	5		
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## Raceway

Conduit	100%			2049	**	1		
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## Panelboards

Molded Case Bkrs	100%			2045	**	5	\$200	
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## Wiring

Thermoplastic	100%			2049	**	1		
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## Motor Controllers

Locally Mounted	100%			2034	**	5	\$100	
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## Ground

## Grounding Devices

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

## Transfer Switches

Automatic	100%			2042	**	1	\$2,600	
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## Lighting

## Interior Lighting

Fluorescent	95%			2034	**	10	\$7,300	
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*T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

Fluorescent	5%			2029		10	\$400	
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*T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%*

*Location : Electrical Room And Boiler Room*

## Exterior Lighting

HID	30%			2029		10	\$9,600	
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No Component	70%							
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## Alarm

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

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**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

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

**Alarm**

## Security System

No Component

50%

Generic

50%

2034

\* \*

1

\$1,600

*Other Observation, Extent : Light, Area Affected : 100%**Location : Hallways And Building Perimeter**Explanation : Smoke Detector Is Tied In To The Intrusion Alarm System And CCTV**Surveillance Cameras*

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

**Heating**

## Energy Source

Fuel Oil No 2

100%

2039

\* \*

5

\$2,600

## Conversion Equipment

Steam Boiler

100%

2034

\* \*

1

\$8,200

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Unit*

## Distribution

Steam Piping/Pump

100%

2039

\* \*

## Terminal Devices

Convactor/Radiator

100%

2034

\* \*

1

\$2,700

**Air Conditioning**

## Energy Source

Electricity

100%

2037

\* \*

1

## Conversion Equipment

Split Unit

80%

2034

\* \*

*Other Observation, Extent : Light, Area Affected : 100%**Location : Building Exterior**Explanation : 4 Units. R-410a Refrigerant*

Window/Wall Unit

10%

2024

\$1,700

1

No Component

10%

## Terminal Devices

Fan Coil - 2 Pipe

80%

2034

\* \*

1

\$2,200

No Component

20%

## Heat Rejection

Air Cooled Condenser

80%

2029

\$11,600

2

\$4,600

Unit

No Component

20%

**Plumbing**

## H/C Water Piping

Brass/Copper

100%

2039

\* \*

1

## Water Heater

Electric

100%

2024

\$7,000

4

\$100

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



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2022	\$300	4	\$300
	Fixtures							
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK TINSMITH AND STORAGE - 13  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0011.130 / 209 **Yr Built/Renovated** : 1932 /  
**Area Sq Ft** : 3,217 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$208,600	
<b>Total</b>	<b>\$208,600</b>	
Importance Code A	\$208,600	
<b>Total</b>	<b>\$208,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$53,700			
Interior Architecture	\$32,000			
Electrical	\$600		\$100	
Mechanical	\$400	\$500	\$3,100	\$400
Site Pavements	\$9,000			
<b>Total</b>	<b>\$95,700</b>	<b>\$600</b>	<b>\$3,100</b>	<b>\$400</b>
Importance Code A	\$54,000	\$300	\$300	\$300
Importance Code B	\$25,600	\$300	\$2,800	\$100
Importance Code C	\$16,100			
<b>Total</b>	<b>\$95,700</b>	<b>\$600</b>	<b>\$3,100</b>	<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK TINSMITH AND STORAGE - 13**

**Asset # : 209**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$145,400	LIFE	**	5	\$9,400	1
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Door Openings</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Openings</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%	Now	\$12,400	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Window Sills</i>								
Metal Coiling Doors	10%	0-2	\$12,900	2042	**	5	\$1,700	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Base Of Coiling Doors</i>								
Windows								
Aluminum	100%			2045	**	5	\$900	
Parapets								
Masonry: Brick	95%			LIFE	**	5-10	\$10,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parapet Wall</i>								
<i>Explanation : Covered With Roof Membrane</i>								
Masonry: Limestone	5%	Now	\$400	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Copings</i>								
Roof								
IRMA/Protected Membrane	95%	Now	\$63,100	2039	**			1
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Insul Miss/Displaced, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Areas</i>								
Skylight, Metal/Glass	5%	Now	\$18,500	2049	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Storage Areas</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
<i>Explanation : Three Skylights</i>								

**Interior**

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK TINSMITH AND STORAGE - 13**  
**Asset # : 209**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$21,100	
<b>Interior Walls</b>								
Concrete Masonry Unit	25%	4+	\$1,100	LIFE	**	5	\$1,000	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Breakmetal Room</i>								
Masonry: Brick	75%	4+	\$5,900	LIFE	**			
<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Concrete	25%	Now	\$10,800	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Playground Storage</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Playground Storage</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Playground Storage</i>								
Exposed Concrete	75%			LIFE	**	5-10	\$4,100	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2039	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	90%			2032	**			
Cast in Place Concrete	10%			2034	**			
<b>Parking/Driveway</b>								
Asphalt	100%	0-2	\$9,000	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Parking Area</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2039	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2037	**	5	\$100	
<b>Wiring</b>								
Thermoplastic	100%			2039	**	1		

**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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK TINSMITH AND STORAGE - 13**  
**Asset # : 209**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	20%			2024	\$1,400	10	\$600	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Store Rooms</i>								
LED	80%			2037	**			
<b>Alarm</b>								
Security System No Component	70%							
Generic	30%			2037	**	1	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Front Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2039	**	1		
Conversion Equipment Steam Boiler	100%			2034	**	1	\$3,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution Steam Piping/Pump	100%			2039	**			
Terminal Devices Unit Heater - Steam	100%			2029	\$11,000	4	\$400	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	10%			2039	**	1		
No Component	90%							
Water Heater Electric	100%			2022	\$2,700	4		
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
<b>Fire Suppression</b>								
Sprinkler No Component	40%							
Generic	60%			2055	**	1-2	\$500	

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK VICTORY MAINT. AND COMF STA. -04  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : Q015-04A  
**Program / Asset #** : PAR0011.040 / 206 **Yr Built/Renovated** : 1932 / 2010  
**Area Sq Ft** : 1,952 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$40,000	\$100		
Interior Architecture	\$10,400		\$400	
Electrical	\$9,700			
Mechanical	\$500	\$300	\$300	\$300
Site Pavements	\$9,500			
<b>Total</b>	<b>\$70,200</b>	<b>\$400</b>	<b>\$700</b>	<b>\$300</b>
Importance Code A	\$40,200	\$300	\$200	\$200
Importance Code B	\$15,700	\$100	\$100	\$100
Importance Code C	\$14,300		\$400	
<b>Total</b>	<b>\$70,200</b>	<b>\$400</b>	<b>\$700</b>	<b>\$300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK VICTORY MAINT. AND COMF STA. -04**  
**Asset # : 206**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	4+	\$1,000	LIFE	**	5	\$1,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Curbs And Perimeter Of Building</i>								
Masonry: Brick	85%			LIFE	**	5	\$11,300	
Masonry: Limestone	10%			LIFE	**	5	\$1,000	
Windows								
Aluminum	100%			2051	**	5	\$300	
Parapets								
Wood Cornice	100%	4+	\$6,100	2049	**	5	\$2,800	
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Slate	100%	Now	\$26,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Soffits								
Stucco Cement	100%			2042	**	5		
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$6,900	
Vinyl Tile	20%			2029	\$3,400	3	\$200	
Interior Walls								
Ceramic Tile	10%			2042	**	5	\$800	
Gypsum Board	20%			LIFE	**	5-10	\$2,700	
Plaster	70%			LIFE	**	5-10	\$4,700	
Ceilings								
Plaster	100%			LIFE	**	5-10	\$3,400	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2064	**			
Retaining Walls								
Cast in Place Concrete	100%			2049	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	**			
On-Site Walkways								
Asphalt	90%	0-2	\$9,500	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	10%			2042	**			

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK VICTORY MAINT. AND COMF STA. -04**  
**Asset # : 206**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2029	\$1,500	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Available Nameplate Ratings</i>								
Raceway								
Conduit	100%			2029	\$3,800	1		
Panelboards								
Molded Case Bkrs	50%			2028	\$3,800	5		
Molded Case Bkrs	50%			2037	**	5		
Wiring								
Thermoplastic	100%			2029	\$8,300	1		
Motor Controllers								
Locally Mounted	100%			2027	\$7,300	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%	0-2	\$9,700	LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2029	\$4,400	10	\$1,800	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Exit, Service	100%			2029	\$500	1		
Exterior Lighting								
HID	30%			2029	\$2,300	10		
No Component	70%							
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2049	**	1		
Conversion Equipment								
Steam Boiler	100%			2042	**	1	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Steam Piping/Pump	100%			2049	**			

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



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK VICTORY MAINT. AND COMF STA. -04**  
**Asset # : 206**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Terminal Devices								
	Convactor/Radiator	90%			2027	\$9,000	1	\$600
	Unit Heater - Hot Water	10%			2034	**		
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2037	**	1	
Conversion Equipment								
	Window/Wall Unit	20%			2027	\$800	1	
	No Component	80%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%			2039	**	1	
Water Heater								
	Electric	100%			2024	\$1,600	4	
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Non-Submersible	100%	0-2	\$300	2039	**	4	
<i>Corroded, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Housing, Basement</i>								
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Fixtures</b>								
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.  
**Address** : 638 TOTTEN AVE.  
**Borough** : QUEENS **Agency's Number** : Q458  
**Program / Asset #** : PAR0171.638 / 14371 **Yr Built/Renovated** : 1938 /  
**Area Sq Ft** : 7,102 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Jan-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 5917 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$160,100	
Electrical	\$47,500	\$36,000
Mechanical		\$173,200
<b>Total</b>	<b>\$207,600</b>	<b>\$209,200</b>
Importance Code A	\$160,100	\$47,900
Importance Code B	\$47,500	\$161,300
<b>Total</b>	<b>\$207,600</b>	<b>\$209,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$69,800			
Interior Architecture	\$162,600	\$400		\$3,600
Electrical	\$100	\$59,800		
Mechanical	\$84,700	\$7,400	\$1,300	\$1,000
<b>Total</b>	<b>\$317,300</b>	<b>\$67,600</b>	<b>\$1,300</b>	<b>\$4,600</b>
Importance Code A	\$70,500	\$800	\$700	\$700
Importance Code B	\$219,300	\$66,800	\$600	\$3,900
Importance Code C	\$27,500			
<b>Total</b>	<b>\$317,300</b>	<b>\$67,600</b>	<b>\$1,300</b>	<b>\$4,600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**  
**Asset # : 14371**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$112,400	LIFE	**	5	\$16,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Facade, Tower</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Tower</i>								
Masonry: Limestone	3%			LIFE	**	5	\$400	
Wood	7%	Now	\$30,400	2031	**	5	\$3,300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Wood Trims, Cornices</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Wood Trims, Cornices</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Wood Trims, Cornices</i>								
Windows								
Wood	10%	Now	\$6,800	2051	**	5	\$1,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Wood	90%	Now	\$24,700	2034	**	5	\$9,800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : First Floor</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Tinted Glass</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**  
**Asset # : 14371**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Asphalt Shingle	90%	Now	\$47,700	2041		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deflection Evident, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Wood Shed Attached To East Side Of Building</i>								
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Slate	10%	Now	\$7,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Steeple</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Steeple</i>								
Interior								
Floors								
Carpet	60%	Now	\$90,600	2028	\$90,600	3	\$9,600	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chapel Area</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Chapel Area</i>								
Quarry Tile	5%			2031		**	\$800	
Vinyl Tile	20%			2026	\$20,100	3	\$1,100	
Vinyl Tile 9" X 9"	10%	Now	\$13,000	2036		**	\$400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Kitchen Area In Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Dinning Area In Basement</i>								
Wood	5%	Now	\$5,900	2054		**	\$500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs, Stage</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**

**Asset # : 14371**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Interior</b>								
<b>Interior Walls</b>								
Gypsum Board	10%	Now	\$1,500	LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mens Restroom</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Mens Restroom</i>								
Plaster	90%	Now	\$26,000	LIFE	**	5	\$4,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Concrete	10%	Now	\$1,800	LIFE	**	5	\$200	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Space In Basement</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Space In Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Space In Basement</i>								
Fiber Board	15%	Now	\$1,100	2026	\$11,200			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Mens Restroom</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Painted Surfaces</i>								
Plaster	75%	Now	\$22,400	LIFE	**	5	\$4,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2026	\$1,600	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room / Basement</i>								
<i>Explanation : No Nameplate Ratings Available</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2026	\$36,000	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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**

**Asset # : 14371**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	100%			2026	\$34,900	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$16,600	5	\$200	
Wiring								
Thermoplastic	100%			2026	\$30,900	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	20%			2021	\$15,800	10	\$1,300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	20%			2021	\$15,800	10	\$1,300	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Incandescent	60%			2021	\$47,500	2	\$100	
Exterior Lighting								
Incandescent	100%			2021	\$25,300	2		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 4	100%			2026	\$14,500	5	\$2,200	
Conversion Equipment								
Steam Boiler	100%			2024	\$47,900	1	\$7,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Central Plant Steam Piping/Pmp	100%			2026	\$125,300	4	\$400	
Terminal Devices								
Air Handler	20%	2-4	\$20,800	2036	**	1	\$800	
<i>On Extended Life, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Convactor/Radiator	80%	0-2	\$31,700	2046	**	1	\$1,600	
<i>On Extended Life, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2025	\$4,500	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.

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**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**

**Asset # : 14371**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	20%			2020	\$31,500	2	\$100
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Basement</i>						
	No Component	80%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	20%			LIFE	**	2-5	\$800
	No Component	80%						
<b>Exhaust Fans</b>								
	Interior	20%			2021	\$5,300	2	
	No Component	80%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	30%			2036	**	1	
	No Component	70%						
<b>Water Heater</b>								
	Electric	100%			2025	\$6,500	4	\$100
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Fixtures</b>								
	Generic	100%						

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

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL  
**Address** : 232 W. 60 STREET BET AMSTERDAM AND WEST END AVES  
**Borough** : MANHATTAN **Agency's Number** : M063-01  
**Program / Asset #** : PAR0048.001 / 909 **Yr Built/Renovated** : 1906 / 2013  
**Area Sq Ft** : 25,674 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Sub Basement, Roof, Floors 1,2  
**Block** : 1151 **Lot** : 15 **BIN** : 1086545

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$771,400	\$246,700
<b>Total</b>	<b>\$771,400</b>	<b>\$246,700</b>
Importance Code A	\$771,400	\$246,700
<b>Total</b>	<b>\$771,400</b>	<b>\$246,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$59,100		\$1,500	
Interior Architecture	\$18,200		\$6,000	\$100
Electrical	\$16,000	\$800	\$1,000	\$800
Mechanical	\$51,800	\$4,500	\$5,200	\$3,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$149,000</b>	<b>\$9,300</b>	<b>\$17,600</b>	<b>\$7,800</b>
Importance Code A	\$61,000	\$1,900	\$3,400	\$1,900
Importance Code B	\$84,000	\$7,400	\$14,300	\$5,800
Importance Code C	\$3,900			\$100
<b>Total</b>	<b>\$149,000</b>	<b>\$9,300</b>	<b>\$17,600</b>	<b>\$7,800</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$22,800	
Masonry: Brick	51%	4+	\$9,200	LIFE	**	5	\$14,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 1906 Building East Facade At Roof Level</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1906 Building, East And West Elevations</i>								
<i>Explanation : Cement Parge On Brick</i>								
Masonry: Brick	30%			LIFE	**	5	\$17,500	
Masonry: Granite	2%			LIFE	**	5	\$900	
Metal/Glass Curt Wall	10%			LIFE	**	5	\$11,000	
Wood	2%			2042	**	5	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1906 Building, North Elevation</i>								
<i>Explanation : Wood Cornice</i>								
<b>Windows</b>								
Aluminum	80%	Now	\$900	2045	**	5	\$500	
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 2%</i>								
<i>Location : New Addition, South Facade</i>								
Wood	20%			2045	**	5	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1906 Building, North Facade</i>								
<i>Explanation : Arched Windows</i>								
<b>Parapets</b>								
Cast Stone/Terra Cotta	5%			LIFE	**	5-10	\$90,900	
Copper/Terne	5%			2064	**	5	\$15,500	
Masonry: Brick	65%			LIFE	**	5-10	\$284,700	
Metal Panel	5%			2049	**	5	\$12,400	
Metal Rail	20%			2042	**	5-10	\$231,400	
<b>Roof</b>								
Modified Bitumen	50%			2034	**	10	\$17,200	
Single Ply Membrane	30%			2034	**	10	\$10,300	
Skylight, Metal/Glass	20%	Now	\$207,500	2039	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Lower Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Upper And Lower Roofs</i>								
<b>Soffits</b>								
Cast Stone/Terra Cotta	50%			LIFE	**	5	\$228,300	
Stucco Cement	50%	4+	\$21,600	2042	**	5	\$18,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Main Entry Of New Addition</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Main Entry Of New Addition</i>								

**Interior**

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**DEPT. OF PARKS & RECREATION - 846**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,600	
Ceramic Tile	25%			2032	**	5	\$4,100	
Sheet Vinyl/Rubber	25%			2034	**	5	\$6,100	
Vinyl Tile	25%			2034	**	3	\$1,500	
Wood	20%			2057	**	5	\$6,100	
Interior Walls								
Ceramic Tile	5%			2038	**	5	\$300	
Concrete Masonry Unit	5%			LIFE	**	5	\$200	
Gypsum Board	35%			LIFE	**	5-10	\$3,300	
Masonry: Brick	10%			LIFE	**	10	\$200	
Plaster	40%	4+	\$400	LIFE	**	5	\$700	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 2nd Floor Cross Training Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 2nd Floor Cross Training Room</i>								
Wood	5%			LIFE	**	5	\$2,200	
Ceilings								
AcousTileSusp.Lay-In	40%	4+	\$1,100	2042	**	5	\$3,300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : 2nd Floor</i>								
AcousTileSusp.Lay-In	5%			2042	**	5	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pool Area</i>								
<i>Explanation : This Is Actually Hung Fiberglass Panels</i>								
Exposed Concrete	10%			LIFE	**	5-10	\$2,000	
Exposed Struc: Steel	5%			LIFE	**	10	\$1,600	
Gypsum Board	5%			LIFE	**	5-10	\$2,800	
Plaster	35%			LIFE	**	5-10	\$9,800	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	5%			2064	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Is Actually Pre-cast Concrete Coping Stones</i>								
Chain Link	30%			2049	**			
Iron Picket	40%			2064	**			
Masonry: Brick	25%			2049	**			
Retaining Walls								
Masonry: Brick	100%			2049	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

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

## Site Pavements

## On-Site Walkways

Cast in Place Concrete

20%

2042

\* \*

Masonry: Granite

5%

LIFE

\* \*

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : This Is Actually Bluestone Edging At Perimeter Of Walkways*

Pavers/Stone

75%

2038

\* \*

## Activity Yard

Pavers/Stone

20%

2038

\* \*

Rubber Matting

30%

2034

\* \*

Traffic Topping

50%

2034

\* \*

*Other Observation, Extent : Light, Area Affected : 100%**Location : Southwest Corner Of Activity Yard**Explanation : This Is Actually Artificial Turf*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw

100%

2049

\* \*

5

\$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : 1200 Amperes*

## Switchgear / Switchboard

Fused Disc Sw

100%

2049

\* \*

5

\$100

## Raceway

Busway

5%

2042

\* \*

1

Conduit

95%

2049

\* \*

1

## Panelboards

Fused Disc Sw

20%

4+

\$3,100

2054

\* \*

5

\$100

*Enclosure Corroded, Extent : Moderate, Area Affected : 2%**Location : Chlorine Room*

Molded Case Bkrs

80%

2045

\* \*

5

\$500

## Wiring

Thermoplastic

100%

2049

\* \*

1

## Motor Controllers

Locally Mounted

100%

2042

\* \*

5

\$200

## Ground

## Grounding Devices

Generic

100%

LIFE

\* \*

5

\$800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Filter Room**Explanation : Connected With Main Water Pipe*

## Lighting

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**DEPT. OF PARKS & RECREATION - 846**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	45%			2034	**	10	\$10,600	
			<i>Motion Sensors in Use, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Fluorescent	30%			2034	**	10	\$7,100	
			<i>Motion Sensors in Use, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Fluorescent	20%			2039	**	10	\$4,700	
			<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Lobby</i>					
LED	5%	4+	\$11,500	2029	\$23,000			
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Pool Area</i>					
			<i>Explanation : Inadequate Lighting</i>					
Egress Lighting Exit, LED	60%			2057	**	1		
Exit, Battery	40%			2034	**	10	\$700	
<b>Exterior Lighting</b>								
HID	10%			2039	**	10		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Outside Perimeter</i>					
			<i>Explanation : Controlled Via Timer</i>					
No Component	90%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	80%							
Generic	20%			2034	**	1	\$1,900	
<b>Fire/Smoke Detection</b>								
No Component	60%							
Generic, Digital	40%			2034	**	1-3	\$6,300	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Natural Gas	100%			2049	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Furnace	50%			2034	**	1	\$6,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Rooftop Air Conditioning Units With Gas Fired Furnaces</i>								
Steam Boiler	50%			2042	**	1	\$12,700	
Distribution								
Hot Wtr Piping/Pump	50%			2045	**	4	\$900	
Steam Piping/Pump	50%			2049	**			
Terminal Devices								
Fan Coil Unit/Heat	50%			2034	**	1	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout New Wing Of The Building And The Renovated Areas Of The Old Wing</i>								
<i>Explanation : Variable Air Volume Boxes With Reheat Coils</i>								
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	98%	Now	\$15,100	2034	**	2	\$1,200	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>Explanation : Wall Climbing Room Low Air Flow</i>								
Split Unit	2%			2034	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Sub-basement</i>								
<i>Explanation : Electrical Room And Telecommunications Room</i>								
Dehumidifier								
No Component	80%							
Generic	20%			2030	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Pool</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$11,300	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Old Wing Of The Building</i>								
<i>Explanation : Existing Ductwork Observed</i>								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$11,300	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : New Wing Of The Building</i>								
<i>Explanation : New Ductwork Observed</i>								
Exhaust Fans								
Roof	100%			2034	**	2	\$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.  
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**DEPT. OF PARKS & RECREATION - 846**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2049	**	1		
HW Heat Exchanger Steam Fired	100%			2049	**	4	\$3,800	
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%	Now	\$700	2034	**	4	\$500	
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Sub-basement</i>								
Pool Filter/Treatment Sand	100%	Now	\$24,700	2042	**	4		
<i>Broken, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Sub-basement Unit Controls</i>								
Backflow Preventer Generic	100%			2029	\$6,200	1	\$1,600	
Fixtures Generic	100%							
<b>Vertical Transport</b>								
Elevators Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement To 2nd Floor</i>								
<i>Explanation : 1 Hydraulic Unit</i>								
<b>Fire Suppression</b>								
Sprinkler No Component	50%							
Generic	50%			2049	**	1-2	\$3,600	

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.

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HAMILTON FISH PARK FILTER HOUSE  
**Address** : 128 PITT STREET / PITT, E.HOUSTON, STANTON STS.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0043.005 / 14038 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 6,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$355,400	
Electrical		\$127,200
Mechanical		\$135,000
<b>Total</b>	<b>\$355,400</b>	<b>\$262,200</b>
Importance Code A	\$355,400	
Importance Code B		\$262,200
<b>Total</b>	<b>\$355,400</b>	<b>\$262,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$57,300			
Interior Architecture	\$34,900	\$300		
Electrical	\$100	\$100	\$30,400	
Mechanical	\$1,200	\$400	\$2,500	\$400
<b>Total</b>	<b>\$93,500</b>	<b>\$800</b>	<b>\$32,900</b>	<b>\$400</b>
Importance Code A	\$57,600	\$300	\$300	\$300
Importance Code B	\$35,900	\$200	\$32,600	\$100
Importance Code C		\$300		
<b>Total</b>	<b>\$93,500</b>	<b>\$800</b>	<b>\$32,900</b>	<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846  
HAMILTON FISH PARK FILTER HOUSE  
Asset # : 14038**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	70%	Now	\$96,700	LIFE	* *	5	\$10,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Flanking Entry Gates</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	30%	Now	\$166,500	LIFE	* *	5	\$3,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Wall Openings</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Horizontal Banding</i>								
<b>Windows</b>								
Metal Louvers	100%	4+	\$400	2030	* *			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Masonry: Brick	70%	Now	\$26,300	LIFE	* *	5	\$1,500	
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Parapet Walls</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
Masonry: Limestone	30%	Now	\$30,700	LIFE	* *	5	\$800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Parapet Stanchions</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Coping</i>								

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



**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK FILTER HOUSE**  
**Asset # : 14038**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Plaza Roof: Stone Panels	100%	Now	\$92,300	2037	**			
<i>Vegetation Growth, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Above Locker Rooms</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Tiers Above Locker And Shower Rooms (South Wing)</i>								
<i>Explanation : Missing Elements / Dysfunctional Drains</i>								
Interior								
Floors								
Cast in Place Concrete	90%	4+	\$4,700	LIFE	**	5	\$19,600	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	3%			2030	**	5	\$300	
Terrazzo	7%	4+	\$700	LIFE	**	5	\$500	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	90%			LIFE	**			
Ceramic Tile	5%			2036	**	5	\$700	
Masonry: Brick	5%			LIFE	**			
Ceilings								
Exposed Concrete	90%	4+	\$29,400	LIFE	**	5	\$1,400	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Pool Equipment Area</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Gypsum Board	10%			LIFE	**	5	\$1,200	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2027	\$4,900	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amperes Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2027	\$5,500	1		
Panelboards								
Fused Disc Sw	15%			2026	\$1,100	5		
Molded Case Bkrs	85%			2026	\$6,500	5	\$100	
Wiring								
Thermoplastic	100%			2027	\$6,700	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK FILTER HOUSE**  
**Asset # : 14038**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Motor Controllers								
Locally Mounted	20%			2025	\$14,700	5		
Motor Control Center	80%			2025	\$58,700	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2027	\$68,500	10	\$6,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2022	\$4,600	10	\$800	
Exit, Service	50%			2022	\$400	1		
Exterior Lighting								
HID	100%			2022	\$24,700	10		
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	100%			2047	**	1		
Conversion Equipment								
Furnace	100%			2027	\$14,900	1	\$3,300	
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2025	\$135,000	2	\$400	
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$8,600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Sump Pump(s)								
Non-Submersible	100%			2032	**	4	\$200	
Pool Filter/Treatment								
Sand	100%			2032	**	4	\$2,500	

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HAMILTON FISH PARK HAMILTON FISH OLYMPIC POOL  
**Address** : 128 PITT STREET PITT, E. HOUSTON, STANTON ST.  
**Borough** : MANHATTAN **Agency's Number** : M033-02  
**Program / Asset #** : PAR0043.002 / 842 **Yr Built/Renovated** :  
**Area Sq Ft** : 16,170 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 340 **Lot** : 1 **BIN** : 1081933

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$52,500	\$45,600
Interior Architecture	\$50,200	\$51,700
Electrical	\$36,100	\$62,300
Mechanical		\$827,500
<b>Total</b>	<b>\$138,900</b>	<b>\$987,200</b>
Importance Code A	\$52,500	\$45,600
Importance Code B	\$86,300	\$941,500
<b>Total</b>	<b>\$138,900</b>	<b>\$987,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Electrical	\$1,500		\$14,800	
Mechanical		\$2,000		
<b>Total</b>	<b>\$1,500</b>	<b>\$2,000</b>	<b>\$14,800</b>	
Importance Code A	\$1,500			
Importance Code B		\$2,000	\$14,800	
<b>Total</b>	<b>\$1,500</b>	<b>\$2,000</b>	<b>\$14,800</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH OLYMPIC POOL**  
**Asset # : 842**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	100%	Now	\$52,500	LIFE	**	5	\$45,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	100%	Now	\$50,200	LIFE	**	5	\$51,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%	0-2	\$1,500	2057	**	5		
<i>Water Present, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Filter Room, 800amps</i>								
<hr/>								
Switchgear / Switchboard								
Not Accessible	100%							
<hr/>								
Raceway								
Not Accessible	100%							
<hr/>								
Panelboards								
Not Accessible	100%							
<hr/>								
Wiring								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2022	\$36,100	10	\$14,800	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Exterior Lighting								
HID	100%			2027	\$62,300	10	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 12 Light Post</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH OLYMPIC POOL**  
**Asset # : 842**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%			2037	**	1	
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Pool Filter/Treatment Activated Carbon	100%			2025	\$827,500	4	\$6,000

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER  
**Address** : E. HOUSTON,STANTON AND PITT STS. 130 PITT STREET  
**Borough** : MANHATTAN **Agency's Number** : M033-06  
**Program / Asset #** : PAR0043.006 / 844 **Yr Built/Renovated** : 1900 / 1985  
**Area Sq Ft** : 11,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2015 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 340 **Lot** : 1 **BIN** : 1081933

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$334,700	
Interior Architecture		\$57,300
Electrical	\$40,700	\$50,400
Mechanical	\$44,400	\$266,600
<b>Total</b>	<b>\$419,800</b>	<b>\$374,400</b>
Importance Code A	\$334,700	
Importance Code B	\$85,100	\$374,400
<b>Total</b>	<b>\$419,800</b>	<b>\$374,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$29,000			
Interior Architecture	\$23,900		\$1,300	
Electrical	\$11,000	\$300	\$1,800	\$200
Mechanical	\$14,700	\$1,000	\$2,000	\$1,200
<b>Total</b>	<b>\$78,500</b>	<b>\$1,200</b>	<b>\$5,100</b>	<b>\$1,500</b>
Importance Code A	\$29,600	\$600	\$600	\$600
Importance Code B	\$45,600	\$700	\$4,500	\$900
Importance Code C	\$3,400			
<b>Total</b>	<b>\$78,500</b>	<b>\$1,200</b>	<b>\$5,100</b>	<b>\$1,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%	Now	\$121,600	LIFE	**	5	\$12,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Wall Penetration For AC Unit - North Elevation</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
Masonry: Limestone	50%	Now	\$162,900	LIFE	**	5	\$9,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade, Entrance</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$50,200	2035	**	5	\$15,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	25%	Now	\$900	LIFE	**	5	\$100	
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Terrace Walls</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Terrace Walls</i>								
Masonry: Limestone	35%			LIFE	**	5	\$300	
Metal Rail	10%			2040	**	5-10	\$1,100	
Pre-Cast Concrete	30%	Now	\$1,400	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping At Terrace</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping At Terrace</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Coping At Terrace</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Roof</b>								
Copper/Terne	50%	Now	\$18,900	2042	**			
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Corners On First Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Wing Ceiling - Above Stairs</i>								
Panel/Paver: Cer/Brk	15%	Now	\$7,200	2047	**			1
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Outdoor Terrace</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Ramp Leading To Terrace</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Outdoor Terrace</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement, Locker Room, Offices, Stair, Classroom 1</i>								
Skylight, Plastic Not Accessible	5%			2040	**	1		
	30%							
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	15%			2030	**	5	\$2,600	
Sheet Vinyl/Rubber	10%			2027	\$57,300	5	\$2,600	
Terrazzo	75%			LIFE	**	5	\$10,200	
<b>Interior Walls</b>								
Ceramic Tile	25%			2030	**	5	\$4,100	
Gypsum Board	35%	Now	\$1,300	LIFE	**	5	\$3,400	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : South Stair</i>								
Marble Panels	40%			LIFE	**			
<b>Ceilings</b>								
Exposed Struc: Wood	15%			LIFE	**			
Gypsum Board	35%	Now	\$6,700	LIFE	**	5	\$7,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Offices, Locker Room, Stair</i>								
Plaster	50%	Now	\$12,500	LIFE	**	5	\$5,300	
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Wing - At Stair And West Wall</i>								

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

Under 600 Volts

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.



**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

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%			2037	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : 2 Main Service Switches Rated At 800 Amperes Each</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2037	**	5	\$300	
Raceway								
Conduit	100%			2037	**	1		
Panelboards								
Molded Case Bkrs	100%			2035	**	5	\$300	
Wiring								
Thermoplastic	100%			2037	**	1		
Motor Controllers								
Locally Mounted	100%			2025	\$50,400	5	\$100	
Ground								
Grounding Devices								
Generic	100%	2-4	\$10,600	LIFE	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Water Main Room</i>						
		<i>Explanation : Corroded</i>						
Lighting								
Interior Lighting								
Fluorescent	80%			2027	\$22,400	10	\$8,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
HID	20%			2027	\$4,100	10	\$100	
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$1,400	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
Incandescent	100%			2022	\$40,700	2		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Front Entrance</i>						
		<i>Explanation : 2 Light Post</i>						
Alarm								
Security System								
No Component	80%							
Generic	20%			2027	\$7,700	1	\$900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : Intrusion Alarm Only, Motion Sensors</i>						

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**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

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

**Alarm**

## Fire/Smoke Detection

No Component

80%

Generic, Analog

20%

2027

\$26,300

1-3

\$1,400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Strobe Lights And Manual Pull Stations*

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

**Heating**

## Energy Source

Natural Gas

100%

2037

\* \*

1

## Conversion Equipment

Hot Water Boiler

100%

2032

\* \*

1

\$5,600

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

## Distribution

Hot Wtr Piping/Pump

100%

2035

\* \*

4

\$600

## Terminal Devices

Convactor/Radiator

100%

2040

\* \*

1

\$3,700

**Air Conditioning**

## Energy Source

Electricity

100%

2035

\* \*

1

## Conversion Equipment

Interior Pkg Unit - Cooling

10%

0-2

\$44,400

2032

\* \*

2

\$100

*Malfunctioning, Extent : Moderate, Area Affected : 60%**Location : Basement Level And First Floor, Equipment Requires Repair*

Interior Pkg Unit - Cooling

60%

2028

\$266,600

2

\$400

Split Unit

5%

0-2

\$12,700

2037

\* \*

*Malfunctioning, Extent : Moderate, Area Affected : 30%**Location : First Floor, Equipment Requires Repair*

Split Unit

25%

2032

\* \*

**Ventilation**

## Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$6,400

## Exhaust Fans

Interior

100%

2032

\* \*

2

\$400

**Plumbing**

## H/C Water Piping

Brass/Copper

10%

2047

\* \*

1

Galvanized Steel

90%

2032

\* \*

1

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

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**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
Water Heater Gas Fired	100%			2025	\$7,200	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Obsolete Unit Remaining</i>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%	Now	\$900	2032	**	4	\$200	
<i>Corroded, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Housing Assembly, Basement</i>								
<b>Fixtures</b>								
Generic	100%							

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL  
 Address : 35 W. 134TH STREET @ LENOX TERR  
 Borough : MANHATTAN Agency's Number : M131-01  
 Program / Asset # : PAR0059.001 / 256 Yr Built/Renovated : 1925 / 2006  
 Area Sq Ft : 34,400 Project Type : PARKS AND RECREATION  
 Date of Survey : 19-Jun-2015 Landmark Status : NONE  
 Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5  
 Block : 1730 Lot : 55 BIN : 1081456

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$471,300	\$61,200
Interior Architecture	\$75,600	\$445,500
Electrical	\$74,700	\$61,500
Mechanical	\$49,500	\$583,700
<b>Total</b>	<b>\$671,000</b>	<b>\$1,151,900</b>
Importance Code A	\$471,300	\$61,200
Importance Code B	\$199,700	\$975,100
Importance Code C		\$115,500
<b>Total</b>	<b>\$671,000</b>	<b>\$1,151,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$47,000	\$11,000		
Interior Architecture	\$39,600	\$21,700		\$2,300
Electrical	\$21,400	\$12,200	\$5,400	\$4,700
Mechanical	\$8,700	\$36,000	\$7,500	\$3,300
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$121,700</b>	<b>\$85,900</b>	<b>\$17,800</b>	<b>\$15,200</b>
Importance Code A	\$48,700	\$12,700	\$1,700	\$1,700
Importance Code B	\$67,900	\$73,100	\$16,100	\$13,500
Importance Code C	\$5,000			
<b>Total</b>	<b>\$121,700</b>	<b>\$85,900</b>	<b>\$17,800</b>	<b>\$15,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	82%	Now	\$377,100	LIFE	**	5	\$61,200	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Chimney And Southwest Corner</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Southwest Corner</i>								
Masonry: Granite	5%			LIFE	**	5	\$2,800	
Masonry: Limestone	2%			LIFE	**	5	\$1,100	
Stucco Cement	11%	Now	\$24,300	2031	**	5	\$10,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Facade</i>								
Windows								
Aluminum	90%	Now	\$39,600	2034	**	5	\$4,600	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Clad	10%	Now	\$54,600	2051	**	5	\$3,200	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs, West Façade</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Stairs, West Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs, West Facade</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$1,200	
Concrete Masonry Unit	2%			LIFE	**	5	\$100	
Copper/Terne	2%	Now	\$1,000	2046	**	5	\$100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South Facade</i>								
<i>Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Masonry: Brick	36%	Now	\$18,900	LIFE	**	5	\$1,100	1
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : South Facade</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
Metal Security Bars	5%	Now	\$500	2041	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Lower Parapet</i>								
Metal: Cage/Fence	20%			2039	**	5-10	\$4,600	
Stucco Cement	30%			2039	**	5	\$2,300	
Roof								
Cast in Place Concrete	5%	Now	\$2,200	LIFE	**			
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Storage Room Below Alley</i>								
Modified Bitumen	35%			2031	**	10	\$11,000	
Modified Bitumen	45%			2034	**	10	\$14,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upper Roof</i>								
<i>Explanation : Covered With Rubber Pads</i>								
Skylight, Plastic	15%			2043	**	1		
Interior								
Floors								
Ceramic Tile	10%			2029		5	\$6,100	
Mosaic Tile	15%			2031	**	5	\$22,900	
Marble Panels	5%			LIFE	**	5	\$2,300	
Sheet Vinyl/Rubber	12%			2031	**	5	\$11,000	
Vinyl Tile	30%			2026		3	\$9,200	
Wood	25%			2054	**	5	\$28,600	
Wood	3%			2041	**	5	\$3,400	

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**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	10%			2029	\$115,500	5	\$4,100	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,600	
Masonry: Brick	25%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
Plaster	5%	Now	\$5,000	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Room Below Alley</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Storage Room Below Alley</i>								
Plaster	20%			LIFE	**	5	\$2,500	
SGFT/Glazed Masonry	10%			LIFE	**			
<b>Ceilings</b>								
AcousTileConcealSpLn	15%	0-2	\$75,600	2046	**	5	\$5,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Lobby</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Lobby</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Lobby</i>								
AcousTileSusp.Lay-In	10%			2031	**	5	\$6,100	
AcousTileSusp.Lay-In	10%			2024	\$50,400	5	\$6,100	
Exposed Concrete	5%	Now	\$20,000	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bulkhead, Storage Room In Basement</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Room In Basement</i>								
Masonry: Infill Arch	40%			LIFE	**			
Plaster	15%			LIFE	**	5	\$5,700	
Plaster	5%	Now	\$12,300	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Storage Room Below Alley</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Storage Room Below Alley</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2026	\$1,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 1200 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2026	\$24,900	5	\$100	

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**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Raceway</b>								
	Conduit	95%			2026	\$3,600	1	
	Conduit	5%			2046	**	1	
<b>Panelboards</b>								
	Fused Disc Sw	10%			2034	**	5	\$100
	Molded Case Bkrs	55%			2025	\$8,400	5	\$500
	Molded Case Bkrs	30%			2034	**	5	\$300
	Molded Case Bkrs	5%			2042	**	5	
<b>Wiring</b>								
	Thermoplastic	95%			2026	\$7,900	1	
	Thermoplastic	5%			2046	**	1	
<b>Motor Controllers</b>								
	Locally Mounted	50%			2031	**	5	\$100
	Locally Mounted	50%			2024	\$14,700	5	\$100
<b>Ground</b>								
<b>Grounding Devices</b>								
	Generic	100%	2-4	\$9,700	LIFE	**	5	\$500
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
	Automatic	100%	Now	\$9,100	2046	**	1	\$9,500
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<b>Generators</b>								
	Diesel	100%	Now	\$74,700	2041	**	1	\$12,000
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Emergency Generator Rated At 70 Kilowatts And Not Functional</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
	Fluorescent	75%			2026	\$57,700	10	\$23,700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
	Fluorescent	10%			2031	**	10	\$3,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-8 Lamps</i>								
	Fluorescent	5%			2026	\$3,800	10	\$1,600
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
	HID	10%			2026	\$28,700	10	\$100
<b>Egress Lighting</b>								
	Emergency, Battery	50%			2031	**	10	\$4,200
	Exit, Service	50%			2031	**	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.



**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Exterior Lighting								
HID	30%			2031	**	10		
No Component	70%							
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2031	**	1	\$3,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways And Outside</i>						
		<i>Explanation : CCTV Surveillance Camera System And Intrusion Alarm System</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$21,200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Alarm Bells, Smoke Detectors, Horns, Strobe Lights, And Manual Pull Stations</i>						
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$10,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Vault</i>						
		<i>Explanation : 1 - 7,500 Gallon Tank For #2 Fuel</i>						
Conversion Equipment								
Hot Water Boiler	100%			2031	**	1	\$17,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Boilers</i>						
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$2,600	2025	\$51,300	4	\$1,700	
		<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Basement, Filter Room And Roof</i>						
Terminal Devices								
Air Handler	40%			2026	\$185,000	1	\$8,500	
Convactor/Radiator	60%			2024	\$105,600	1	\$6,700	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	15%			2027	\$104,900	2	\$300	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 15%</i>								
<i>Location : Package Unit, 3rd Floor</i>								
Ext Pkg Unit - Heating/Cooling	20%			2026	\$82,300	2	\$400	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : 3rd Floor Roof</i>								
Window/Wall Unit	40%			2021	\$27,400	1		
No Component	25%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2026	\$9,900	2	\$4,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$19,200	
Exhaust Fans								
Roof	100%			2026	\$54,600	2	\$1,100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2036	**	1		
<i>Booster Pump w/Tank, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Galvanized Steel	30%			2031	**	1		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : Pvc Piping</i>								
HW Heat Exchanger								
Steam Fired	100%			2036	**	4	\$5,100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2026	\$5,000	4	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Duplex Unit</i>								
Pool Filter/Treatment								
Sand	100%	Now	\$49,500	2031	**	4		
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pumps</i>								
Fixtures								
Generic	100%							
Vertical Transport								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**

**Asset # : 256**

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

Vertical Transport

Elevators

Geared Traction

100%

LIFE

\* \*

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

*Location : 1st To 5th Floor*

*Explanation : 1 Unit*

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGH ROCK PARK GREENBELT NATURE CENTER  
**Address** : 700 ROCKLAND AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0090.010 / 13619 **Yr Built/Renovated** : 2004 / 2011  
**Area Sq Ft** : 7,966 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2359 **Lot** : 1 **BIN** : 5141708

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical		\$81,400
<b>Total</b>		<b>\$81,400</b>
Importance Code B		\$81,400
<b>Total</b>		<b>\$81,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$14,700		\$3,900	
Interior Architecture	\$40,100		\$1,400	\$400
Electrical	\$300	\$100	\$200	\$200
Mechanical	\$4,100	\$900	\$4,700	\$900
Site Pavements	\$18,300			
<b>Total</b>	<b>\$77,600</b>	<b>\$1,000</b>	<b>\$10,300</b>	<b>\$1,400</b>
Importance Code A	\$15,100	\$400	\$4,300	\$400
Importance Code B	\$46,200	\$600	\$6,000	\$900
Importance Code C	\$16,300			\$100
<b>Total</b>	<b>\$77,600</b>	<b>\$1,000</b>	<b>\$10,300</b>	<b>\$1,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT NATURE CENTER**

**Asset # : 13619**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%			LIFE	**	5	\$24,200	
Pre-Cast Concrete	5%			LIFE	**	5	\$4,100	
Windows								
Aluminum	98%			2045	**	5	\$1,100	
Metal Louvers	2%			2038	**	10	\$100	
Roof								
Asphalt Shingle	100%			2042	**	10	\$3,900	
Soffits								
Stucco Cement	100%			2042	**	5		
Interior								
Floors								
Cast in Place Concrete	5%	2-4	\$300	LIFE	**	5	\$1,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Mechanical Room</i>								
Ceramic Tile	5%			2038	**	5	\$600	
Quarry Tile	5%			2042	**	5	\$900	
Slate	85%			LIFE	**	5	\$21,500	
Interior Walls								
Ceramic Tile	5%			2038	**	5	\$200	
Concrete Masonry Unit	5%			LIFE	**	5	\$200	
Gypsum Board	45%	4+	\$200	LIFE	**	5	\$1,100	
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	40%			LIFE	**	10	\$500	
Wood	5%			LIFE	**	5	\$1,700	
Ceilings								
AcousTileSusp.Lay-In	15%			2042	**	5	\$1,900	
Gypsum Board	80%			LIFE	**	5-10	\$34,600	
Wood	5%			LIFE	**	5	\$11,000	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	25%			2049	**			
Masonry: Fieldstone	75%			2049	**			
Site Pavements								
On-Site Walkways								
Asphalt	40%			2038	**			
Pavers/Stone	60%	4+	\$6,100	2038	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Parking/Driveway								
Asphalt	75%	4+	\$8,700	2038	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pavers/Stone	25%			2038	**			

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT NATURE CENTER**

**Asset # : 13619**

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

Activity Yard

Pavers/Stone

100% 4+ \$3,500 2038 \*\*

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

*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	

Under 600 Volts

Service Equipment

Molded Case Bkrs

100% 2039 \*\* 5 \$200

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

*Location : Electrical Room*

*Explanation : One 300 Ampere Main Disconnect Switch*

Switchgear / Switchboard

Molded Case Bkrs

100% 2039 \*\* 5 \$200

Raceway

Conduit

100% 2039 \*\* 1

Panelboards

Fused Disc Sw

5% 2037 \*\* 5

Molded Case Bkrs

95% 2037 \*\* 5 \$200

Wiring

Thermoplastic

100% 2039 \*\* 1

Motor Controllers

Locally Mounted

100% 2034 \*\* 5 \$100

Ground

Grounding Devices

Generic

100% LIFE \*\* 5 \$200

Lighting

Interior Lighting

Fluorescent

30% 2029 \$24,400 10 \$2,200

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

*Location : Offices, Electrical And Mechanical Room*

*Explanation : T-8 Lamps*

Fluorescent

70% 2029 \$57,000 10 \$5,100

*Compact Fluorescent Light, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

Egress Lighting

Emergency, Battery

50% 2029 \$5,500 10 \$1,000

Exit, Service

50% 2029 \$600 1

Exterior Lighting

HID

100% 2029 \$30,700 10

Alarm

Fire/Smoke Detection

No Component

70%

Generic, Digital

30% 2029 \$25,300 1-3 \$1,500

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT NATURE CENTER**  
**Asset # : 13619**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2049	**	5	\$2,500	
Conversion Equipment								
Hot Water Boiler	100%			2042	**	1	\$3,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$600	2045	**	4	\$400	
		<i>Malfunctioning, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Thermostat Down Frequently</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Not Enough Heat For The Early Childhood Education Room</i>						
Terminal Devices								
Air Handler	80%			2034	**	1	\$3,900	
Convactor/Radiator	20%			2042	**	1	\$500	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2045	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	90%			2030	**	2	\$400	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
Split Unit	10%			2037	**			
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,000	
Exhaust Fans								
Roof	10%			2034	**	2		
No Component	90%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2049	**	1		
Water Heater								
Electric	50%			2027	\$3,400	4		
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : First Floor</i>						
		<i>Explanation : 1 Unit</i>						
Oil Fired	50%			2022	\$3,200	1	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : First Floor</i>						
		<i>Explanation : 1 Unit</i>						
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.

**DEPT. OF PARKS & RECREATION - 846  
HIGH ROCK PARK GREENBELT NATURE CENTER**

**Asset # : 13619**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Fixtures							
	Generic	100%						

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGH ROCK PARK GREENBELT RECREATION CENTER  
**Address** : 501 BRIELLE AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0090.020 / 13922 **Yr Built/Renovated** : 1932 / 2007  
**Area Sq Ft** : 13,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Jun-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** : Floors 1,2,Att  
**Block** : 1955 **Lot** : 1 **BIN** : 5134761

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$44,900	
<b>Total</b>	<b>\$44,900</b>	
Importance Code A	\$44,900	
<b>Total</b>	<b>\$44,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$2,500			
Interior Architecture	\$36,600		\$21,800	\$1,300
Electrical	\$700	\$400	\$500	\$400
Mechanical	\$9,000	\$3,200	\$5,800	\$3,300
Site Enclosure	\$34,200			
Site Pavements	\$32,700			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$119,700</b>	<b>\$7,500</b>	<b>\$32,000</b>	<b>\$8,900</b>
Importance Code A	\$3,100	\$600	\$600	\$600
Importance Code B	\$38,300	\$6,900	\$31,400	\$7,400
Importance Code C	\$78,300			\$800
<b>Total</b>	<b>\$119,700</b>	<b>\$7,500</b>	<b>\$32,000</b>	<b>\$8,900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**

**Asset # : 13922**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	98%	4+	\$44,900	LIFE	**	5	\$26,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Window Wall	2%			2049	**	5	\$2,000	
Windows								
Aluminum	95%			2045	**	5	\$4,900	
Metal Louvers	5%			2038	**	10	\$1,600	
Roof								
Asphalt Shingle	100%			2038	**	10	\$3,800	
Soffits								
Wood	100%			2042	**	5		
Interior								
Floors								
Ceramic Tile	5%			2038	**	5	\$1,000	
Sheet Vinyl/Rubber	10%			2034	**	5	\$3,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Rubber Gymnasium Flooring</i>								
Vinyl Tile	15%			2034	**	3	\$1,100	
Wood	70%			2057	**	5	\$26,100	
<i>Deteriorated Finish, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	5%			LIFE	**	10	\$4,200	
Ceramic Tile	5%			2038	**	5	\$1,700	
Concrete Masonry Unit	5%			LIFE	**	5	\$1,300	
Gypsum Board	85%			LIFE	**	5-10	\$48,100	
Ceilings								
AcousTileSusp.Lay-In	95%			2042	**	5	\$16,800	
Exposed Concrete	5%	Now	\$600	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Concrete Deck At Roof</i>								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2049	**			
Iron Picket	30%			2064	**			
Free Standing Walls								
Masonry: Brick	50%	Now	\$34,200	2049	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Activity Yard</i>								
<i>Explanation : Stucco Cement Finish</i>								
Masonry: Fieldstone	50%			2049	**			
Site Pavements								

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

Estimates are rounded to the nearest hundred dollars.

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**

**Asset # : 13922**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	25%			2038	**			
Cast in Place Concrete	75%			2042	**			
<b>Parking/Driveway</b>								
Asphalt	100%	Now	\$8,100	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Potholes, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Activity Yard</b>								
Asphalt	100%	Now	\$24,600	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2049	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2049	**	5	\$300	
<b>Raceway</b>								
Conduit	100%			2049	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2045	**	5		
Molded Case Bkrs	95%			2045	**	5	\$300	
<b>Wiring</b>								
Thermoplastic	100%			2049	**	1		
<b>Motor Controllers</b>								
Locally Mounted	60%			2042	**	5	\$100	
Variable Frequency Drive	40%			2042	**			
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$400	
<b>Lighting</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**

**Asset # : 13922**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	25%			2034	**	10	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cardio Aerobics Room, Mechanical And Electrical Room</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	70%			2034	**	10	\$8,300	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	5%			2037	**	10	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby, Attic And Stairway 1,</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2034	**	10	\$1,600	
Exit, Service	50%			2034	**	1		
<b>Exterior Lighting</b>								
HID	100%			2034	**	10		
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2034	**	1	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallway And Exit Doors</i>								
<i>Explanation : CCTV Camera And Intrusion Alarm</i>								
<b>Fire/Smoke Detection</b>								
No Component	70%							
Generic, Digital	30%			2034	**	1-3	\$2,400	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2049	**	1		
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2042	**	1	\$6,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 2 Units</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2051	**	4	\$600	
<b>Terminal Devices</b>								
Air Handler	90%			2034	**	1	\$7,200	
Convactor/Radiator	10%			2042	**	1	\$400	

**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.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**

**Asset # : 13922**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%		2045	**	1		
Conversion Equipment								
	Reciprocating Compr/Chiller	100%		2034	**	1	\$6,000	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Courtyard</i>								
Distribution								
	CW & CHW Wtr Pipe/Pump	100%		2049	**	4	\$1,000	
Terminal Devices								
	Air Handler/Cool/Ht	100%		2034	**	1	\$8,000	
Heat Rejection								
	Dry Cooler	100%		2034	**	2	\$9,100	
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$11,500	
Exhaust Fans								
	Interior	100%		2034	**	2	\$400	
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%		2049	**	1		
Water Heater								
	Electric	100%		2027	\$11,900	4	\$100	
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
Backflow Preventer								
	Generic	100%		2034	**	1	\$800	
Fixtures								
	Generic	100%						
<b>Vertical Transport</b>								
Elevators								
	Hydraulic	100%		LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor To The Second Floor</i>								
<i>Explanation : 1 Unit</i>								

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK AQUEDUCT TOWER  
**Address** : WEST 155 STREET TO DYCKMAN ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.060 / 13867 **Yr Built/Renovated** : 1872 / 1889  
**Area Sq Ft** : 1,230 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2106 **Lot** : 1 **BIN** : 1086496

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$569,600	
<b>Total</b>	<b>\$569,600</b>	
Importance Code A	\$569,600	
<b>Total</b>	<b>\$569,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,800		
Interior Architecture		\$700		
Electrical	\$7,100	\$5,200		
<b>Total</b>	<b>\$7,100</b>	<b>\$23,700</b>		
Importance Code A		\$17,800		
Importance Code B	\$7,100	\$5,900		
<b>Total</b>	<b>\$7,100</b>	<b>\$23,700</b>		



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK AQUEDUCT TOWER**  
**Asset # : 13867**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	95%	Now	\$427,500	LIFE	**	5	\$23,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Interior Side Of Wall At Upper Levels</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Upper Levels</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Interior Side Of Wall At Upper Levels</i>								
Metal Panel	5%			2036	**	5-10	\$11,500	
Windows								
Wood	100%	Now	\$142,100	2051	**	5	\$22,800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	100%			2041	**	10	\$14,700	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$600	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Ground Floor</i>								
Steel Grating	45%			2036	**	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairs</i>								
<i>Explanation : This Material Is Actually Cast Iron</i>								
Wood	40%			2041	**	5	\$1,400	
Interior Walls								
Masonry: Brick	80%			LIFE	**			
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	20%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Upper Levels</i>								
<i>Explanation : Granite Wall Seen On Interior Is The Inside Face Of The Exterior Wall</i>								
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$300	
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK AQUEDUCT TOWER**  
**Asset # : 13867**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Under 600 Volts									
	Raceway								
	Conduit	100%			2026	\$4,200	1		
	Wiring								
	Thermoplastic	100%			2026	\$9,100	1		
Lighting									
	Interior Lighting								
	Incandescent	100%	Now	\$7,100	2036	**	2		
			<i>Not in Service, Extent : Severe, Area Affected : 100%</i>						
			<i>Location : Throughout</i>						
	Exterior Lighting								
	HID	100%			2021	\$5,200	10		

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK FILTER HOUSE  
**Address** : WEST 155 STREET TO DYCKMAN ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.050 / 13454 **Yr Built/Renovated** : 1934 / 2005  
**Area Sq Ft** : 8,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2106 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$319,300	
Interior Architecture	\$178,200	
Electrical	\$70,700	\$80,100
Mechanical	\$98,200	
<b>Total</b>	<b>\$666,400</b>	<b>\$80,100</b>
Importance Code A	\$319,300	
Importance Code B	\$168,900	\$80,100
Importance Code C	\$178,200	
<b>Total</b>	<b>\$666,400</b>	<b>\$80,100</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$34,100			
Interior Architecture	\$35,100			
Electrical	\$600	\$39,900	\$600	\$400
Mechanical	\$6,500	\$200	\$700	\$1,000
<b>Total</b>	<b>\$76,200</b>	<b>\$40,100</b>	<b>\$1,300</b>	<b>\$1,400</b>
Importance Code A	\$34,100			
Importance Code B	\$40,800	\$40,100	\$1,300	\$1,400
Importance Code C	\$1,400			
<b>Total</b>	<b>\$76,200</b>	<b>\$40,100</b>	<b>\$1,300</b>	<b>\$1,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Exterior								
Exterior Walls								
	Masonry: Brick	95%	Now	\$146,200	LIFE	**	5	\$14,500
				<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : North Facade</i>				
				<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : North Facade</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : North Facade</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : North Facade</i>				
	Pre-Cast Concrete	5%	Now	\$5,600	LIFE	**	5	\$2,500
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Window Sills</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Window Sills</i>				
				<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Window Sills</i>				
Windows								
	Steel	100%	Now	\$103,900	2051	**	5	\$11,200
				<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
				<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
Parapets								
	Masonry: Brick	75%	Now	\$27,000	LIFE	**	5	\$1,400
				<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : North Facade</i>				
				<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : North Facade</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : North Facade</i>				
	Metal Security Bars	15%			2041	**		
	Pre-Cast Concrete	10%	Now	\$1,500	LIFE	**	5	\$1,200
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Coping</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Coping</i>				

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Cast in Place Concrete	100%	Now	\$69,200	LIFE		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Filter Room</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East End</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Painted Surface</i>								
Interior								
Floors								
Cast in Place Concrete	95%			LIFE		**	5	\$19,600
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Steel Grating	5%			2036		**	1	
Interior Walls								
Cast in Place Concrete	95%	Now	\$178,200	LIFE		**		
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corridor At Basement Level, North Entrance</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : Expansion Joint Failure</i>								
Steel Plate	5%	Now	\$1,400	LIFE		**	5	\$400
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Steel Column</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : This is Actually A Steel Column.</i>								
Ceilings								
Exposed Concrete	100%	Now	\$33,700	LIFE		**	5	\$1,500
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Filter Room</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Filter Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Below Stands</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Below Stands</i>								
<i>Explanation : Expansion Joint Failure</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Under 600 Volts								
Raceway								
Conduit	100%			2026	\$6,000	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$8,300	5	\$200	
Wiring								
Thermoplastic	100%			2026	\$7,400	1		
Motor Controllers								
Motor Control Center	100%			2024	\$80,100	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2021	\$70,700	10	\$5,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Lamp T-12</i>								
Exterior Lighting								
HID	100%			2021	\$33,600	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$4,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detectors, And Strobe Lights</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source								
Plant Campus Steam / PRV	100%			2036	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Steam Provided From Boilers In Main Building</i>								
Distribution								
Central Plant Steam Piping/Pmp	100%			2036	**	4	\$500	
Terminal Devices								
Fan Coil Unit/Heat	100%			2021	\$98,200	1	\$2,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,500	
Exhaust Fans								
Interior	100%			2026	\$23,300	2	\$200	
Plumbing								

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	H/C Water Piping Galvanized Steel	100%	2-4	\$5,800	2031	**	1	
			<i>Corroded, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Water Main And Throughout Basement</i>					
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Sump Pump(s) Submersible	100%			2020	\$300	4	\$300
	Pool Filter/Treatment Sand	100%			2031	**	4	\$1,600

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER  
**Address** : W 172ND TO W 174TH STREET @ AMSTERDAM AVE.  
**Borough** : MANHATTAN **Agency's Number** : M037-010  
**Program / Asset #** : PAR0007.010 / 221 **Yr Built/Renovated** : 1934 / 2014  
**Area Sq Ft** : 8,940 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2106 **Lot** : 1 **BIN** : 1087456

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$587,800	\$55,300
Interior Architecture	\$62,100	\$545,800
Electrical	\$54,700	
Mechanical	\$64,900	\$835,800
<b>Total</b>	<b>\$769,400</b>	<b>\$1,436,900</b>
Importance Code A	\$652,600	\$55,300
Importance Code B	\$116,700	\$1,381,600
<b>Total</b>	<b>\$769,400</b>	<b>\$1,436,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$54,500	\$33,100		
Interior Architecture	\$29,100		\$300	\$1,500
Electrical	\$700	\$27,100	\$800	\$600
Mechanical	\$23,900	\$8,200	\$6,200	\$4,600
<b>Total</b>	<b>\$108,200</b>	<b>\$68,400</b>	<b>\$7,300</b>	<b>\$6,700</b>
Importance Code A	\$54,500	\$36,300	\$3,200	\$3,200
Importance Code B	\$50,600	\$32,100	\$4,100	\$3,500
Importance Code C	\$3,000			
<b>Total</b>	<b>\$108,200</b>	<b>\$68,400</b>	<b>\$7,300</b>	<b>\$6,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**

**Asset # : 221**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$28,600	
Masonry: Granite	5%			LIFE	**	5	\$1,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	5%	Now	\$21,800	LIFE	**	5	\$1,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Entrance</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Painted Surface</i>								
Pre-Cast Concrete	5%	Now	\$6,600	LIFE	**	5	\$5,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Window Sills</i>								
Window Wall	5%			2056	**	5	\$6,700	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : East And West Facades</i>								
Windows								
Aluminum	25%	Now	\$20,600	2042	**	5	\$2,200	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Glass Block	25%	Now	\$73,700	LIFE	**	5	\$2,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Steel	50%	Now	\$514,100	2051	**	5	\$55,300	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement, Gymnasium</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Gymnasium, Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Gymnasium, Basement</i>								
Parapets								
Masonry: Brick	85%			LIFE	**	5	\$3,700	
Metal Panel	15%	Now	\$5,600	2046	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Coping At East Facade</i>								
Roof								
Modified Bitumen	100%			2031	**	10	\$29,800	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**

**Asset # : 221**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	30%			LIFE	**	5	\$31,500	
Ceramic Tile	30%	Now	\$62,100	2029	\$310,300	5	\$7,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Mens Locker Room</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Mens Locker Room</i>								
Panel/Paver: Cer/Brk	10%			2034	**	5	\$10,800	
Vinyl Tile	25%			2026	\$113,500	3	\$6,000	
Vinyl Tile	5%			2034	**	3	\$900	
<b>Interior Walls</b>								
Ceramic Tile	5%			2035	**	5	\$6,100	
Glass: Single Pane	5%			LIFE	**	5	\$4,600	
Masonry: Brick	10%			LIFE	**			
Plaster	50%			LIFE	**	5	\$18,300	
SGFT/Glazed Masonry	30%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	30%			LIFE	**	5	\$2,200	
Fiber Board	35%			2026	\$122,000			
Plaster	35%	Now	\$24,500	LIFE	**	5	\$10,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Hallway To Electrical Room</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Hallway To Electrical Room, Stairs</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2026	\$24,400	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Service Switches Rated At 1600 Amperes And 1200 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2026	\$27,200	5		
<b>Raceway</b>								
Conduit	80%			2026	\$3,300	1		
Conduit	20%			2036	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2025	\$400	5		
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Electrical Room</i>								
Molded Case Bkrs	75%			2025	\$6,200	5	\$200	
Molded Case Bkrs	20%			2034	**	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.



**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**

**Asset # : 221**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Thermoplastic	100%			2036	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2024	\$8,000	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Connected To Main Water Pipe. Point Of Contact Not Visible; Covered With Insulation</i>						
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	70%			2021	\$54,700	10	\$20,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	20%			2031	**	10	\$5,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	5%			2034	**	10	\$1,500	
		<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Locker Room</i>						
HID	5%			2026	\$14,600	10	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2034	**	10	\$3,900	
Exit, LED	10%			2061	**	1		
Exit, Service	40%			2034	**	1		
<b>Exterior Lighting</b>								
HID	80%			2026	\$30,100	10		
LED	20%			2034	**			
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2034	**	1	\$1,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Lobby And Outside</i>						
		<i>Explanation : CCTV Surveillance Cameras</i>						
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2034	**	1-3	\$5,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, And Horns</i>						

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

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**

**Asset # : 221**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	**	1		
Conversion Equipment								
Steam Boiler	100%	Now	\$64,900	2031	**	1	\$28,600	
			<i>Repairs In Progress, Extent : Light, Area Affected : 50%</i>					
			<i>Location : One Of Two Units Under Repair</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Boiler Room</i>					
			<i>Explanation : 2 Units</i>					
Distribution								
Central Plant Steam Piping/Pmp	100%			2026	\$565,300	4	\$1,600	
Terminal Devices								
Convactor/Radiator	20%			2024	\$35,800	1	\$2,100	
Unit Heater - Steam	80%			2026	\$95,500	4	\$2,300	
Air Conditioning								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	5%	Now	\$13,500	2036	**	2	\$100	
			<i>Unit Inoperable, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Roof</i>					
Window/Wall Unit	10%			2020	\$7,000	1		
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$1,800	
No Component	90%							
Exhaust Fans								
Wall Unit	10%			2026	\$1,200	2	\$100	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
HW Heat Exchanger								
Steam Fired	100%			2036	**	4	\$4,800	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2020	\$300	4	\$300	
Fixtures								
Generic	100%							

**Fire Suppression**

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.

**DEPT. OF PARKS & RECREATION - 846  
HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER  
Asset # : 221**

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Fire Suppression Standpipe Generic	100%			2026	\$139,200	1-5	\$16,700	

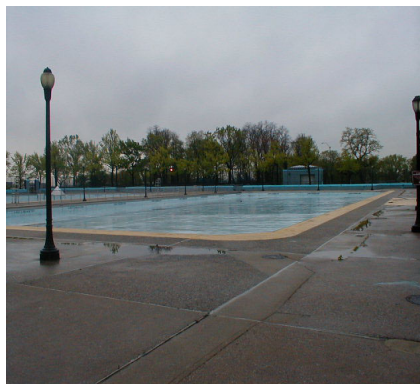
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK OLYMPIC POOL  
**Address** : W 172ND TO W 174TH STREET @ AMSTERDAM AVE.  
**Borough** : MANHATTAN **Agency's Number** : M037-020  
**Program / Asset #** : PAR0007.020 / 220 **Yr Built/Renovated** : 1934 / 2005  
**Area Sq Ft** : 57,787 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 2106 **Lot** : 1 **BIN** : 1086495

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Interior Architecture	\$254,600	\$189,200
Electrical	\$242,900	
<b>Total</b>	<b>\$497,500</b>	<b>\$189,200</b>
Importance Code B	\$443,100	\$189,200
Importance Code C	\$54,400	
<b>Total</b>	<b>\$497,500</b>	<b>\$189,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Electrical		\$200		
<b>Total</b>		<b>\$200</b>		
Importance Code B		\$200		
<b>Total</b>		<b>\$200</b>		



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK OLYMPIC POOL**  
**Asset # : 220**

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

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$200,200	LIFE	**	5	\$189,200	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%**Location : Throughout**Paint Peeling, Extent : Moderate, Area Affected : 50%**Location : Throughout*

## Interior Walls

Cast in Place Concrete	100%	Now	\$54,400	LIFE	**			
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%**Location : Throughout**Paint Peeling, Extent : Moderate, Area Affected : 50%**Location : Throughout*

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

## Lighting

## Exterior Lighting

HID	100%			2021	\$242,900	10	\$200	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outside**Explanation : 36 Lamp Posts*

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

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2031	**	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HUNTS POINT YOUTH RECREATION CTR  
**Address** : 765 MANIDA STREET @ SPOFFORD AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0126.000 / 13441 **Yr Built/Renovated** : 2001 / 2005  
**Area Sq Ft** : 33,073 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2763 **Lot** : 1 **BIN** : 2109472

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$100,200	
Interior Architecture	\$553,800	
Electrical	\$38,200	\$61,100
Mechanical		\$531,900
<b>Total</b>	<b>\$692,200</b>	<b>\$593,000</b>
Importance Code A	\$100,200	
Importance Code B	\$592,000	\$593,000
<b>Total</b>	<b>\$692,200</b>	<b>\$593,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$24,900			\$8,000
Interior Architecture	\$48,300		\$1,200	\$900
Electrical	\$3,100	\$3,800	\$3,100	\$7,200
Mechanical	\$6,200	\$5,400	\$7,900	\$4,400
Site Pavements	\$7,600			
<b>Total</b>	<b>\$90,200</b>	<b>\$9,200</b>	<b>\$12,200</b>	<b>\$20,600</b>
Importance Code A	\$26,500	\$1,600	\$1,600	\$9,700
Importance Code B	\$26,600	\$7,500	\$10,600	\$10,900
Importance Code C	\$37,100			
<b>Total</b>	<b>\$90,200</b>	<b>\$9,200</b>	<b>\$12,200</b>	<b>\$20,600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	65%	Now	\$58,300	LIFE	**	5	\$17,300	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Weepholes Not Funct, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%			2048	**	5-10	\$29,300	
Metal Sect. OHD	5%	0-2	\$3,400	2041	**	5	\$3,300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Window Wall	20%	Now	\$41,900	2048	**	5	\$16,000	
<i>Air Infiltration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Aluminum	5%	0-2	\$700	2044	**	5	\$200	
<i>Air Infiltration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Louvers	5%	2-4	\$500	2037	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
No Component	90%							
<b>Roof</b>								
Metal Panel	100%	Now	\$20,300	2041	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$10,800	
Ceramic Tile	5%			2037	**	5	\$2,500	
Sheet Vinyl/Rubber	50%	0-2	\$75,000	2033	**	5	\$18,600	
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Terrazzo	15%			LIFE	**	5	\$5,800	
Vinyl Tile	15%	0-2	\$6,400	2033	**	3	\$2,800	
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	5%	0-2	\$8,300	2056	**	5	\$2,300	
<i>Deteriorated Finish, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	12%			LIFE	**	5	\$1,000	
Glass: Single Pane	3%			LIFE	**	5	\$500	
Gypsum Board	10%			LIFE	**	5	\$1,200	
SGFT/Glazed Masonry	70%	2-4	\$28,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Wood	5%	4+	\$1,200	LIFE	**	5	\$4,100	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%	0-2	\$4,100	2033	**	5	\$1,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	90%	Now	\$478,800	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Gypsum Board	5%			LIFE	**	5	\$3,100	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Iron Picket	100%			2063	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%			2063	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	0-2	\$7,600	2041	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2048	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement - Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 1600 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2048	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement - Electrical Room</i>								
<i>Explanation : 2- Sections, 2 Main Bus Rated At 800 Amperes Each.</i>								
<b>Raceway</b>								
Conduit	100%			2048	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	5%			2044	**	5		
Molded Case Bkrs	95%			2044	**	5	\$800	
<b>Wiring</b>								
Thermoplastic	100%			2048	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2041	**	5	\$200	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement - Fire Pump Room</i>								
<i>Explanation : Connected To Metal Water Pipe</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	60%			2036	**	10	\$18,200	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices, Basement, Mechanical Room</i>								
Fluorescent	5%			2028		10	\$1,500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways And Storage</i>								
HID	35%			2036	**	10	\$400	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2033	**	10	\$4,000	
Exit, Service	50%			2033	**	1		
<b>Exterior Lighting</b>								
Fluorescent	25%			2028		10	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 10 - CFL (Compact Fluorescent Light Fixtures)</i>								
HID	45%			2028		10	\$57,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 9 - HID Lights</i>								
HID	30%	Now	\$38,200	2038	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 6 - HID Lights Are Not Functional</i>								
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	**	1	\$12,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : 11 CCTV Surveillance Cameras</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

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

**Alarm**

Fire/Smoke Detection  
Generic, Digital

100%

2033

\* \*

1-3

\$20,400

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

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

**Heating**

Energy Source

Natural Gas

100%

2048

\* \*

1

Conversion Equipment

Hot Water Boiler

100%

2041

\* \*

1

\$16,400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Boiler Room**Explanation : 8 Units*

Distribution

Hot Wtr Piping/Pump

100%

2044

\* \*

4

\$2,400

Terminal Devices

Convactor/Radiator

80%

2041

\* \*

1

\$8,600

Fan Coil Unit/Heat

20%

2033

\* \*

1

\$2,100

**Air Conditioning**

Energy Source

Electricity

100%

2044

\* \*

1

Conversion Equipment

Interior Pkg Unit -  
Cooling

55%

2032

\* \*

2

\$1,100

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : 3 Units - Mechanical Room*Interior Pkg Unit -  
Cooling

30%

2026

\$354,600

2

\$600

*R-22 Refrigerant, Extent : Light, Area Affected : 30%**Location : 2 Units, 1st Floor Ceiling Mounted*Interior Pkg Unit -  
Cooling

15%

2026

\$177,300

2

\$300

*Not in Service, Extent : Moderate, Area Affected : 15%**Location : 1 Unit Not Using In The 2nd Floor***Ventilation**

Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$18,400

Exhaust Fans

Interior

80%

2033

\* \*

2

\$800

Wall Unit

20%

2028

\$2,200

2

\$200

**Plumbing**

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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
H/C Water Piping	Brass/Copper	100%			2048	**	1	
Water Heater	Gas Fired	100%			2026	\$19,300	2	\$500
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit 40 Gallons</i>								
Sanitary Piping	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)	Non-Submersible	100%			2033	**	4	\$1,000
Sewage Ejector(s)	Electric	100%			2033	**	4	\$2,000
Backflow Preventer	Generic	100%			2033	**	1	\$2,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Backflow Preventer With Sprinkler Pipe Line Not With Water Main.</i>								
<b>Fixtures</b>								
	Generic	100%						
<b>Fire Suppression</b>								
Sprinkler	Generic	100%			2048	**	1-2	\$9,300
Fire Pump	Generic	100%			2031	**	1	\$6,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pump Room, Basement</i>								
<i>Explanation : 1 Unit.</i>								
<b>Chemical System</b>								
	No Component	80%						
	Generic	20%			2026	\$5,300	1-3	\$800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fire Extinguishers</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK COMFORT AND RECREATION - 001A  
**Address** : DYCKMAN ST. AND PAYSON AVE.  
**Borough** : MANHATTAN **Agency's Number** : M042-01A  
**Program / Asset #** : PAR0005.01A / 1167 **Yr Built/Renovated** : 1950 /  
**Area Sq Ft** : 2,968 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Jun-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2255 **Lot** : 2000 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$71,300	
<b>Total</b>	<b>\$71,300</b>	
Importance Code A	\$71,300	
<b>Total</b>	<b>\$71,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$73,200			
Interior Architecture	\$28,700			
Electrical	\$16,000			\$9,800
Mechanical	\$1,500	\$2,900	\$400	\$900
Site Enclosure	\$8,100			
Site Pavements	\$58,100			
<b>Total</b>	<b>\$185,600</b>	<b>\$2,900</b>	<b>\$500</b>	<b>\$10,600</b>
Importance Code A	\$73,600	\$300	\$300	\$300
Importance Code B	\$54,200	\$2,600	\$200	\$10,300
Importance Code C	\$57,800			
<b>Total</b>	<b>\$185,600</b>	<b>\$2,900</b>	<b>\$500</b>	<b>\$10,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**

**Asset # : 1167**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	90%	Now	\$31,300	LIFE	**	5	\$5,100	1
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Building Corners And Wall Openings</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : West Facade Above Staff Entrance</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Corners Of Building At Broken Downspouts</i>								
Masonry: Fieldstone	10%	Now	\$11,500	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Building Foundation</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Building Foundation</i>								
<b>Windows</b>								
Metal Louvers	5%	Now	\$3,000	2043	**			
<i>Deformed/Dented, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Building Entire</i>								
Wood	95%	Now	\$71,300	2053	**	5	\$9,300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Basement And First Floor</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Basement And First Floor</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Basement And First Floor</i>								
<i>Explanation : Protective Metal Grilles</i>								
<b>Roof</b>								
Slate	100%	Now	\$27,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Eaves</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	30%			LIFE	**	5	\$1,100	
Ceramic Tile	35%	Now	\$2,300	2031	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Restrooms</i>								
Vinyl Tile	15%			2028		3	\$100	
Wood	20%	Now	\$3,400	2043	**	5	\$300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Office</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**

**Asset # : 1167**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	20%			LIFE	**			
Marble Panels	40%	Now	\$19,700	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Tiles At Base Of Walls In Both Restrooms</i>								
Plaster	30%			LIFE	**	5	\$500	
SGFT/Glazed Masonry	10%			LIFE	**			
Ceilings								
Exposed Concrete	30%	0-2	\$1,100	LIFE	**	5	\$100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement Ceiling</i>								
Plaster	70%	Now	\$2,200	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office</i>								
Site Enclosure								
Fence/Gates								
Chain Link	38%			2038	**			
Iron Picket	62%	Now	\$7,200	2078	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Curbing Anchoring Fence Posts At Women Restroom</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Railing At Ramp To Basement</i>								
Free Standing Walls								
Masonry: Fieldstone	100%	Now	\$300	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Pylons Flanking Staff Entrance</i>								
Retaining Walls								
Masonry: Fieldstone	100%	Now	\$600	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Archway (Vault) Spanning Ramp To Basement</i>								
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%	0-2	\$27,500	2031	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Walkway Parallel To Dyckman Ave</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Walkway Parallel To Dyckman Ave</i>								
<i>Tripping Hazard, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Walkway Parallel To Dyckman Ave</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**

**Asset # : 1167**

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

Site Pavements

On-Site Walkways

Cast in Place Concrete	40%	Now	\$26,400	2048	**			
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*Cracking/Crumbling, Extent : Severe, Area Affected : 35%*

*Location : Access Ramp To Basement*

Pavers/Stone	60%	0-2	\$4,200	2031	**			
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 10%*

*Location : Perimeter Walkway*

*Sinking/Subsiding, Extent : Moderate, Area Affected : 15%*

*Location : Perimeter Walkway*

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2028	\$1,500	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Basement*

*Explanation : Main Service Switch Rated At 100 Amperes*

Raceway

Conduit	100%			2028	\$3,800	1		
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Panelboards

Molded Case Bkrs	100%			2027	\$7,600	5	\$100	
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Wiring

Braided Cloth	60%	2-4	\$5,000	2053	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

Thermoplastic	40%			2028	\$3,300	1		
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Ground

Grounding Devices

Generic	100%	0-2	\$9,700	LIFE	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Water Main*

*Explanation : Corroded*

Lighting

Interior Lighting

Fluorescent	80%			2023	\$5,300	10	\$2,200	
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*T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

Fluorescent	20%	0-2	\$1,300	2038	**			
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*Inadequate Lighting Level, Extent : Severe, Area Affected : 100%*

*Location : Basement*

Exterior Lighting

HID	20%			2023	\$2,300	10		
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No Component	80%							
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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**

**Asset # : 1167**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2038	**	5	\$900	
Conversion Equipment								
Steam Boiler	100%	Now	\$400	2033	**	1	\$2,600	
		<i>Leak Evident, Extent : Moderate, Area Affected : 3%</i>						
		<i>Location : Oil Leaks At The Filter. Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Steam Piping/Pump	100%			2028	\$12,500			
Terminal Devices								
Convactor/Radiator	100%			2033	**	1	\$1,000	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2028	\$21,100	1		
Water Heater								
Electric	100%			2021	\$2,500	4		
Sanitary Piping								
Cast Iron	100%	Now	\$1,000	LIFE	**	1		
		<i>Other Observation, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Flooding When It Rains</i>						
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA  
**Address** : 349 FORT WASHINGTON AVE. BTWN: W.174 ST. - W.175 ST.  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.000 / 14495 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,386 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2139 **Lot** : 404 **BIN** : 1063445

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$172,700	
Interior Architecture		\$41,500
<b>Total</b>	<b>\$172,700</b>	<b>\$41,500</b>
Importance Code A	\$172,700	
Importance Code B		\$41,500
<b>Total</b>	<b>\$172,700</b>	<b>\$41,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$87,400		\$1,100	
Interior Architecture	\$12,200	\$700		\$600
Electrical	\$10,100	\$400	\$500	\$400
Mechanical	\$5,400	\$3,100	\$1,300	\$600
<b>Total</b>	<b>\$115,100</b>	<b>\$4,200</b>	<b>\$2,900</b>	<b>\$1,500</b>
Importance Code A	\$87,700	\$300	\$1,400	\$300
Importance Code B	\$26,800	\$3,900	\$1,400	\$1,200
Importance Code C	\$500			
<b>Total</b>	<b>\$115,100</b>	<b>\$4,200</b>	<b>\$2,900</b>	<b>\$1,500</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%	2-4	\$10,300	LIFE	**	5	\$8,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	80%	0-2	\$172,700	LIFE	**	5	\$10,700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	10%	Now	\$28,700	2031	**	5	\$4,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Fascias</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Fascias</i>								
<b>Windows</b>								
Aluminum	45%			2042	**	5	\$2,200	
Glass Block	15%	Now	\$3,800	LIFE	**	5	\$500	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Office</i>								
Steel	40%	0-2	\$10,500	2034	**	5	\$12,300	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Slate	40%	Now	\$34,100	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Over Office, Comfort Station</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	60%							
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	5%			2035	**	5	\$500	
Granite Panels	25%			LIFE	**	5	\$1,800	
Quarry Tile	10%			2031	**	5	\$1,400	
Terrazzo	10%			LIFE	**	5	\$700	
Vinyl Tile	50%			2026		3	\$2,400	
<b>Interior Walls</b>								
Ceramic Tile	5%			2035	**	5	\$1,000	
Concrete Masonry Unit	60%			LIFE	**	5	\$5,000	
Plaster	15%			LIFE	**	5	\$900	
SGFT/Glazed Masonry	20%			LIFE	**			
<b>Ceilings</b>								
Plaster	100%	Now	\$10,900	LIFE	**	5	\$5,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office, Comfort Station</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Comfort Station, Crc Room</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2036	**	5		
<i>Enclosure Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Fused Disc Sw	5%			2034	**	5		
Molded Case Bkrs	95%			2034	**	5	\$200	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	88%			2026	\$12,700	10	\$5,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	10%			2026	\$1,400	10	\$600	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID	2%			2026	\$200	10		
Egress Lighting								
Emergency, Battery	50%			2026	\$4,400	10	\$800	
Exit, Service	50%			2026	\$900	1		
Exterior Lighting								
HID	100%			2026	\$24,600	10		
<b>Alarm</b>								
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$3,900	

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

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	**	1		
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Front Of Building</i>						
		<i>Explanation : Buried Tank For #2 Fuel</i>						
Conversion Equipment								
Hot Water Boiler	100%			2031	**	1	\$3,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1 Boiler</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2034	**	4	\$300	
Terminal Devices								
Convactor/Radiator	100%			2031	**	1	\$2,100	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	60%			2026	\$29,700	2	\$200	
Window/Wall Unit	20%			2021	\$2,500	1		
No Component	20%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,600	
Exhaust Fans								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Several Units Visable From The Ground</i>						
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
Water Heater								
Gas Fired	100%			2024	\$3,700	2	\$100	
Sanitary Piping								
Cast Iron	100%	0-2	\$4,500	LIFE	**	1		
		<i>Corroded, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Basement</i>						
Sump Pump(s)								
Submersible	100%			2020	\$200	4	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Single Unit</i>						
Backflow Preventer								
Generic	100%			2026	\$1,600	1	\$400	

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**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

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

Plumbing

Fixtures

Generic

100%

*Other Observation, Extent : Light, Area Affected : 50%*

*Location : Comfort Stations*

*Explanation : Stainless Steel Park Style*

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK BANDSHELL  
**Address** : W145-W155-BRADHURST-EDGEcombe  
**Borough** : MANHATTAN **Agency's Number** : M014-04  
**Program / Asset #** : PAR0039.004 / 2721 **Yr Built/Renovated** : 1936 / 2009  
**Area Sq Ft** : 1,640 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2052 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$3,200		
Interior Architecture				
Electrical		\$800		
Mechanical	\$800		\$100	
<b>Total</b>	<b>\$800</b>	<b>\$4,000</b>	<b>\$200</b>	
Importance Code A		\$3,200		
Importance Code B	\$800	\$800	\$200	
<b>Total</b>	<b>\$800</b>	<b>\$4,000</b>	<b>\$200</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK BANDSHELL**  
**Asset # : 2721**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	20%				LIFE	**	5	\$5,400
Masonry: Brick	80%				LIFE	**	5	\$4,300

## Parapets

Pre-Cast Concrete	100%				LIFE	**	5	\$500
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## Roof

Cast in Place Concrete	25%				LIFE	**		
Traffic Topping	75%				2031	**	10	\$3,200

## Interior

## Floors

Cast in Place Concrete	100%				LIFE	**	5	\$5,400
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## Interior Walls

Cast in Place Concrete	100%				LIFE	**		
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## Ceilings

Exposed Concrete	100%				LIFE	**	5	\$300
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<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

## Under 600 Volts

## Raceway

Conduit	100%				2046	**	1	
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## Panelboards

Molded Case Bkrs	100%				2042	**	5	
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## Wiring

Thermoplastic	100%				2046	**	1	
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## Lighting

## Interior Lighting

Fluorescent	50%				2031	**	10	\$800
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Corridors*

*Explanation : T-8 Lamps*

Incandescent	50%				2031	**	2	
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## Egress Lighting

Exit, Service	100%				2031	**	1	
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## Exterior Lighting

HID	100%				2031	**	10	
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

## Ventilation

## Distribution

Ductwork/Diffusers	100%				LIFE	**	2-5	\$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.

**DEPT. OF PARKS & RECREATION - 846  
 JACKIE ROBINSON PARK BANDSHELL  
 Asset # : 2721**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Ventilation	Exhaust Fans							
	Roof	100%	0-2	\$800	2031	**	2	
<i>Dented, Extent : Moderate, Area Affected : 25%</i> <i>Location : Roof</i>								

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK COMFORT STATION  
**Address** : W149TH STREET AND BRADHURST AVE.  
**Borough** : MANHATTAN **Agency's Number** : M014-03A  
**Program / Asset #** : PAR0039.03A / 882 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 840 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2052 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$38,900	\$3,300		
Interior Architecture	\$1,700			
Electrical		\$2,600		
Mechanical	\$700		\$100	
<b>Total</b>	<b>\$41,400</b>	<b>\$6,000</b>	<b>\$100</b>	
Importance Code A	\$39,000	\$3,300		
Importance Code B	\$2,400	\$2,600	\$100	
Importance Code C				
<b>Total</b>	<b>\$41,400</b>	<b>\$6,000</b>	<b>\$100</b>	



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



**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK COMFORT STATION**

**Asset # : 882**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$19,600	LIFE	**	5	\$3,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	2%			LIFE	**	5	\$200	
Wood	8%	0-2	\$15,200	2046	**	5	\$700	1
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Eaves</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Eaves</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Eaves</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Eaves</i>								
Windows								
Steel	100%	Now	\$4,100	2051	**	5	\$500	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%			2031	**	10	\$3,300	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$800	
Terrazzo	50%			LIFE	**	5	\$300	
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$300	
Plaster	50%			LIFE	**	5	\$1,100	
SGFT/Glazed Masonry	40%			LIFE	**			
Ceilings								
Exposed Concrete	20%	Now	\$900	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Plaster	80%	Now	\$800	LIFE	**	5	\$400	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Restrooms</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK COMFORT STATION**  
**Asset # : 882**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated At 100 Amperes</i>								
Raceway								
Conduit	100%			2026	\$3,800	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$7,600	5		
Wiring								
Thermoplastic	100%			2026	\$8,300	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Main Water Pipe</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2021	\$1,900	10	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2036	**	1		
Conversion Equipment								
Furnace	100%			2026	\$1,900	1	\$400	
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	\$6,000	1		
Water Heater								
Electric	100%	Now	\$700	2026	\$700	4		
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Not Accessible	100%							

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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK COMFORT STATION**  
**Asset # : 882**

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

## Plumbing

Sewage Ejector(s)

Not Accessible

100%

## Fixtures

Generic

100%

*Obsolete Fixtures, Extent : Severe, Area Affected : 20%**Location : 1st Floor*

*Note : 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK JACKIE ROBINSON POOL, OLYMPIC  
**Address** : W145-W155-BRADHURST-EDGEcombe  
**Borough** : MANHATTAN **Agency's Number** : M014-01  
**Program / Asset #** : PAR0039.001 / 899 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 20,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 2052 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Interior Architecture	\$54,800	\$51,700
Electrical		\$87,000
<b>Total</b>	<b>\$54,800</b>	<b>\$138,700</b>
Importance Code B	\$54,800	\$138,700
<b>Total</b>	<b>\$54,800</b>	<b>\$138,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Electrical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>
Importance Code B	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK JACKIE ROBINSON POOL, OLYMPIC**  
**Asset # : 899**

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

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$54,800	LIFE	**	5	\$51,700	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%**Location : Throughout**Paint Peeling, Extent : Moderate, Area Affected : 50%**Location : Throughout*

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

## Lighting

## Exterior Lighting

HID	100%			2026	\$87,000	10	\$100	
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## Alarm

## Security System

No Component	85%							
Generic	15%			2026	\$10,500	1	\$1,200	

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outdoors**Explanation : 2 - CCTV Cameras*

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

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2031	**	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK RECREATION CENTER  
**Address** : W145-W155-BRADHURST-EDGEcombe  
**Borough** : MANHATTAN **Agency's Number** : M014-01A  
**Program / Asset #** : PAR0039.01A / 881 **Yr Built/Renovated** : 1936 / 2009  
**Area Sq Ft** : 38,095 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2052 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$795,000	\$1,113,200
Interior Architecture	\$202,300	\$177,200
Electrical	\$38,400	\$147,800
Mechanical	\$42,400	\$936,500
<b>Total</b>	<b>\$1,078,000</b>	<b>\$2,374,700</b>
Importance Code A	\$795,000	\$1,113,200
Importance Code B	\$283,000	\$1,193,400
Importance Code C		\$68,100
<b>Total</b>	<b>\$1,078,000</b>	<b>\$2,374,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$11,300		\$800	
Interior Architecture	\$126,200	\$8,000		\$3,600
Electrical	\$6,900	\$2,400	\$3,100	\$2,300
Mechanical	\$52,600	\$15,400	\$7,200	\$5,400
<b>Total</b>	<b>\$196,900</b>	<b>\$25,800</b>	<b>\$11,200</b>	<b>\$11,200</b>
Importance Code A	\$19,300	\$3,800	\$4,600	\$3,800
Importance Code B	\$177,600	\$22,000	\$6,600	\$7,400
Importance Code C				
<b>Total</b>	<b>\$196,900</b>	<b>\$25,800</b>	<b>\$11,200</b>	<b>\$11,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RECREATION CENTER**

**Asset # : 881**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%	Now	\$44,400	LIFE	**	5	\$35,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
Masonry: Brick	90%	Now	\$213,700	LIFE	**	5	\$127,300	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
Masonry: Limestone	5%	Now	\$86,000	LIFE	**	5	\$5,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Column/ Pier Caps East Facade</i>								
<b>Windows</b>								
Aluminum	25%			2042	**	5	\$1,700	
Metal Louvers	5%	Now	\$11,300	2041	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
Steel	70%			2034	**	5	\$59,400	
<b>Parapets</b>								
Masonry: Brick	35%			LIFE	**	5	\$5,400	
Metal Rail	25%	Now	\$115,500	2046	**	5	\$27,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Side</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	40%	Now	\$62,000	LIFE	**	5	\$39,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Concrete Railing</i>								
<b>Roof</b>								
Modified Bitumen	95%	Now	\$273,400	2026			\$911,400	
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Basketball Court</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basketball Court, Bulkheads</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	5%			2046	**	10	\$10,600	

Interior

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

Estimates are rounded to the nearest hundred dollars.

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

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**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RECREATION CENTER**

**Asset # : 881**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Carpet	5%			2020	\$101,200	3	\$14,200	
Cast in Place Concrete	35%			LIFE	**	5	\$109,100	
Granite Panels	15%			LIFE	**	5	\$16,000	
Quarry Tile	5%			2031	**	5	\$10,700	
Terrazzo	25%			LIFE	**	5	\$27,800	
Vinyl Tile	15%			2021	\$202,300	3	\$8,000	
<b>Interior Walls</b>								
Ceramic Tile	5%			2029	\$68,100	5	\$2,200	
Masonry: Brick	15%			LIFE	**			
Plaster	60%			LIFE	**	5	\$8,000	
SGFT/Glazed Masonry	20%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	50%			LIFE	**	5	\$1,600	
Exposed Concrete	5%	Now	\$7,600	LIFE	**	5	\$200	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Bulkhead</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bulkheads</i>								
Plaster	45%	Now	\$13,900	LIFE	**	5	\$5,900	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Locker Rooms, Basketball Court</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%	2-4	\$4,300	2056	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2- Service Switches No Available Nameplate Ratings And On Extended Life</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2046	**	5	\$200	
<b>Raceway</b>								
Conduit	100%			2026	\$58,500	1		
<b>Panelboards</b>								
Fused Disc Sw	20%			2034	**	5	\$200	
Molded Case Bkrs	60%			2025	\$38,900	5	\$600	
Molded Case Bkrs	20%			2042	**	5	\$200	
<b>Wiring</b>								
Braided Cloth	80%	2-4	\$38,400	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2046	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RECREATION CENTER**

**Asset # : 881**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2024	\$50,400	5	\$300	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	95%			2034	**	10	\$33,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Offices</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	5%			2034	**	10	\$100	
Egress Lighting								
Emergency, Battery	50%			2034	**	10	\$4,600	
Exit, Battery	50%			2034	**	10	\$1,300	
Exterior Lighting								
HID	100%			2034	**	10	\$100	
Alarm								
Security System								
No Component	90%							
Generic	10%			2026	\$12,800	1	\$1,400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Doors</i>						
		<i>Explanation : Panic Bars</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$23,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Smoke Detectors And Horns</i>						

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$11,800	
Conversion Equipment								
Steam Boiler	100%			2031	**	1	\$37,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Central Plant Steam Piping/Pmp	100%			2036	**	4	\$2,800	

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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RECREATION CENTER**

**Asset # : 881**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Terminal Devices								
Air Handler	25%			2026	\$139,600	1	\$5,900	
Convactor/Radiator	70%			2031	**	1	\$8,600	
Fan Coil Unit/Heat	5%			2026	\$29,700	1	\$600	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	80%			2026	\$257,300	2	\$1,900	
Window/Wall Unit	5%			2021	\$4,100	1		
No Component	15%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	40%			LIFE	**	2-5	\$8,500	
No Component	60%							
Exhaust Fans								
Interior	30%			2021	\$42,400	2	\$400	
Roof	10%			2031	**	2	\$100	
No Component	60%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
HW Heat Exchanger								
Steam Fired	100%	Now	\$19,000	2036	**	4	\$3,800	
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Under Construction</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2026	\$6,100	4	\$800	
Pool Filter/Treatment								
Activated Carbon	100%	0-2	\$27,000	2024	\$539,700	4		
			<i>Corroded, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Connecting Pipes, Basement</i>					
<b>Fixtures</b>								
Generic	100%							

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
 Address : **FDR DR. E76TH-E78TH STS.**  
 Borough : **MANHATTAN** Agency's Number : **M045-03**  
 Program / Asset # : **PAR0044.003 / 2819** Yr Built/Renovated : **1906 / 2015**  
 Area Sq Ft : **3,083** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **16-Jul-2015** Landmark Status : **NONE**  
 Areas Surveyed : **Basement, Roof, Floors 1,2**  
 Block : **1488** Lot : **17** BIN :

**CAPITAL**

Total  
 Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$56,600			
Interior Architecture	\$18,900	\$100		
Electrical	\$13,100		\$100	
Mechanical	\$500	\$400	\$500	\$400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$93,000</b>	<b>\$4,500</b>	<b>\$4,500</b>	<b>\$4,400</b>
Importance Code A	\$56,900	\$300	\$300	\$300
Importance Code B	\$28,300	\$4,200	\$4,200	\$4,100
Importance Code C	\$7,800			
<b>Total</b>	<b>\$93,000</b>	<b>\$4,500</b>	<b>\$4,500</b>	<b>\$4,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
**Asset # : 2819**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	90%	Now	\$22,300	LIFE	**	5	\$14,500	
<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Facade At North And South Corners</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North And South Facades</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South East Corner Of Facade</i>								
Masonry: Limestone	10%	Now	\$10,000	LIFE	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At North Entrance, Various Locations Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Facade, North Facade, South Facade</i>								
<b>Windows</b>								
Steel	100%	4+	\$8,500	2048	**	5	\$19,800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Wood Trim, Exterior Face</i>								
<b>Parapets</b>								
Masonry: Brick	90%			LIFE	**	5	\$14,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	10%	4+	\$12,500	LIFE	**	5	\$2,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East / West Facades</i>								
<b>Roof</b>								
Slate	100%	Now	\$3,300	LIFE	**			
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North/ South Facades</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
**Asset # : 2819**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	15%	Now	\$700	LIFE	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Boiler Room</i>								
Ceramic Tile	75%			2035	**	5	\$3,500	
Sheet Vinyl/Rubber	10%	Now	\$2,800	2026	\$14,000	5	\$300	
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Steps From Locker Rooms To Pool Area</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	15%			LIFE	**			
Ceramic Tile	25%			2035	**	5	\$5,900	
Gypsum Board	15%			LIFE	**	5	\$2,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Elevator Machine Room</i>								
Plaster	25%	Now	\$4,800	LIFE	**	5	\$1,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Womens Locker Room, Elevator Machine Room</i>								
SGFT/Glazed Masonry	20%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2031	**	5	\$200	
Plaster	95%	Now	\$5,900	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout First And Second Floors, Boiler Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Rooms, Supervisors Office</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2052	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes.</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2052	**	5	\$100	
<b>Raceway</b>								
Conduit	90%			2026	\$3,400	1		
Conduit	10%			2052	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	90%			2034	**	5	\$100	
Molded Case Bkrs	10%			2048	**	5		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
**Asset # : 2819**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Wiring								
	Braided Cloth	40%	2-4	\$3,300	2051	**	1	
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Thermoplastic	50%			2026	\$4,200	1	
	Thermoplastic	10%			2052	**	1	
Motor Controllers								
	Locally Mounted	100%			2043	**	5	
Ground								
Grounding Devices								
	Generic	100%	0-2	\$9,700	LIFE	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
Lighting								
Interior Lighting								
	Fluorescent	100%			2026	\$6,900	10	\$2,800
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
	Exit, Service	100%			2026	\$800	1	
Exterior Lighting								
	HID	20%			2026	\$2,400	10	
	No Component	80%						
Alarm								
Security System								
	No Component	95%						
	Generic	5%			2026	\$500	1	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Heating								
Energy Source								
	Natural Gas	100%			2046	**	1	
Conversion Equipment								
	Steam Boiler	100%			2046	**	1	\$3,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Brand New Unit</i>								
Distribution								
	Central Plant Steam Piping/Pmp	100%			2046	**	4	\$200

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
**Asset # : 2819**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Terminal Devices							
	Convactor/Radiator	100%			2031	**	1	\$1,000
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%			2036	**	1	
	Water Heater							
	Gas Fired	100%			2026	\$1,800	2	
			<i>Recent Installation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Non-Submersible	100%			2036	**	4	\$100
			<i>Recent Installation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
	Backflow Preventer							
	Generic	100%			2031	**	1	\$200
	Fixtures							
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators							
	Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Sub-b, M, 1.</i>					
			<i>Explanation : 1 New Unit</i>					
<b>Fire Suppression</b>								
	Sprinkler							
	Not Accessible	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOHN JAY PARK AND POOL DIVING POOL  
**Address** : FDR DR. E76TH-E78TH STS.  
**Borough** : MANHATTAN **Agency's Number** : M045-04  
**Program / Asset #** : PAR0044.004 / 2564 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,784 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 1488 **Lot** : 17 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$96,400	\$41,800
<b>Total</b>	<b>\$96,400</b>	<b>\$41,800</b>
Importance Code A	\$96,400	\$41,800
<b>Total</b>	<b>\$96,400</b>	<b>\$41,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Interior Architecture	\$2,200			
Electrical		\$10,700		
<b>Total</b>	<b>\$2,200</b>	<b>\$10,700</b>		
Importance Code B	\$2,200	\$10,700		
<b>Total</b>	<b>\$2,200</b>	<b>\$10,700</b>		



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL DIVING POOL**  
**Asset # : 2564**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	100%	Now	\$96,400	LIFE	**	5	\$41,800	
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*Paint Peeling, Extent : Moderate, Area Affected : 20%**Location : Pool Side Walls - Throughout**Spalling, Extent : Moderate, Area Affected : 5%**Location : Throughout**Other Observation, Extent : Severe, Area Affected : 10%**Location : Diving Pool**Explanation : Diving Board Inoperable - Pool Closed*

## Interior

## Floors

Cast in Place Concrete	100%	0-2	\$2,200	LIFE	**	5	\$8,900	
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*Paint Peeling, Extent : Moderate, Area Affected : 25%**Location : Throughout*

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

## Lighting

## Exterior Lighting

HID	100%			2021	\$10,700	10		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2031	**	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOHN JAY PARK AND POOL FILTER HOUSE  
**Address** : FDR DR. E76TH-E78TH STS.  
**Borough** : MANHATTAN **Agency's Number** : M045-05  
**Program / Asset #** : PAR0044.005 / 2565 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,744 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1488 **Lot** : 17 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$98,000	
Interior Architecture	\$106,100	
<b>Total</b>	<b>\$204,100</b>	
Importance Code A	\$98,000	
Importance Code C	\$106,100	
<b>Total</b>	<b>\$204,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$23,600			
Interior Architecture	\$32,000			
Electrical	\$41,400	\$2,100		
Mechanical	\$3,300			\$400
<b>Total</b>	<b>\$100,400</b>	<b>\$2,200</b>		<b>\$400</b>
Importance Code A	\$23,700			
Importance Code B	\$76,700	\$2,100		\$400
<b>Total</b>	<b>\$100,400</b>	<b>\$2,200</b>		<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL FILTER HOUSE**  
**Asset # : 2565**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Granite	97%	Now	\$98,000	LIFE	**	5	\$6,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above Doors</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Door And Window</i>								
Wood	3%	Now	\$13,400	2046	**	5	\$600	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Below Roof Line</i>								
<b>Windows</b>								
Steel	100%			2034	**	5	\$13,300	
<b>Roof</b>								
Cast in Place Concrete	40%	Now	\$10,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : East And West Sides Of Pool</i>								
Slate	10%			LIFE	**			
No Component	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pool Areas Not Included As Roof Area Of Filter House Below</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$8,900	
<b>Interior Walls</b>								
Cast in Place Concrete	100%	Now	\$106,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pipe Tunnel/ Corridor Running Full Length Of Intermediate Pool</i>								
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Pipe Tunnel/ Corridor Running Full Length Of Intermediate Pool</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pipe Tunnel/ Corridor Running Full Length Of Intermediate Pool</i>								
<b>Ceilings</b>								
Exposed Concrete	100%	Now	\$32,000	LIFE	**	5	\$800	
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement, Various Locations</i>								

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

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL FILTER HOUSE**  
**Asset # : 2565**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$4,900	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Main Service Switch Rated At 200 Amperes.</i>								
Raceway								
Conduit	100%			2026	\$5,500	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$7,600	5	\$100	
Wiring								
Thermoplastic	100%			2026	\$6,700	1		
Motor Controllers								
Locally Mounted	100%	0-2	\$31,700	2046	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Ground</b>								
Grounding Devices								
Generic	100%	0-2	\$9,700	LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	97%			2026	\$27,500	10	\$2,400	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	2%			2026	\$600	10	\$100	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Filter Room</i>								
HID	1%			2026		10		
Exterior Lighting								
HID	20%			2021	\$2,100	10		
No Component	80%							
<b>Alarm</b>								
Security System								
No Component	90%							
Generic	10%			2026	\$800	1	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

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

Heating

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL FILTER HOUSE**

**Asset # : 2565**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Energy Source							
	Electricity	100%			2036	**	1	
	Conversion Equipment							
	Radiant Heater	5%			2026	\$2,300	2	\$100
	No Component	95%						
<b>Ventilation</b>								
	Exhaust Fans							
	Wall Unit	100%			2031	**	2	\$100
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%	0-2	\$2,300	2031	**	1	
				<i>Corroded, Extent : Severe, Area Affected : 20%</i>				
				<i>Location : Water Main, Valves And Piping, Basement</i>				
				<i>Leak Evident, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Leaky Water Main Valve - 1st Floor</i>				
	Sanitary Piping							
	Cast Iron	100%	Now	\$1,000	LIFE	**	1	
				<i>Corroded, Extent : Severe, Area Affected : 40%</i>				
				<i>Location : The Covers, Basement</i>				
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Pool Filter/Treatment							
	Sand	100%			2031	**	4	\$700
				<i>Other Observation, Extent : Light, Area Affected : 60%</i>				
				<i>Location : Pump Level</i>				
				<i>Explanation : Plastic Piping</i>				

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOHN JAY PARK AND POOL JOHN JAY POOL, INTERMEDIATE  
**Address** : FDR DR E 76TH - E 78TH STS.  
**Borough** : MANHATTAN **Agency's Number** : M045-02  
**Program / Asset #** : PAR0044.002 / 884 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,250 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 1488 **Lot** : 17 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$105,000	\$45,600
Interior Architecture		\$51,700
<b>Total</b>	<b>\$105,000</b>	<b>\$97,400</b>
Importance Code A	\$105,000	\$45,600
Importance Code B		\$51,700
<b>Total</b>	<b>\$105,000</b>	<b>\$97,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Interior Architecture	\$25,100			
Electrical		\$28,000		
<b>Total</b>	<b>\$25,100</b>	<b>\$28,000</b>		
Importance Code B	\$25,100	\$28,000		
<b>Total</b>	<b>\$25,100</b>	<b>\$28,000</b>		



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL JOHN JAY POOL, INTERMEDIATE**  
**Asset # : 884**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	100%	0-2	\$105,000	LIFE	**	5	\$45,600	
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*Cracking/Crumbling, Extent : Light, Area Affected : 10%**Location : Throughout**Expansion Jnt Failure, Extent : Severe, Area Affected : 10%**Location : Side Walls Between Pools**Water Penetration, Extent : Severe, Area Affected : 10%**Location : Into Filter House Below*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$25,100	LIFE	**	5	\$51,700	
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*Paint Peeling, Extent : Light, Area Affected : 20%**Location : Throughout**Spalling, Extent : Moderate, Area Affected : 5%**Location : Throughout*

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

## Lighting

## Exterior Lighting

HID	100%			2021	\$27,900	10		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2031	**	1		
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*Other Observation, Extent : Light, Area Affected : 80%**Location : Pump Room**Explanation : Pvc Pipe*

## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOSEPH H LYONS POOL DIVING POOL  
**Address** : 20 VICTORY BLVD NEAR PIER 6  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0087.N01 / 584 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,256 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 487 **Lot** : 110 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$45,600
Interior Architecture		\$51,700
<b>Total</b>		<b>\$97,400</b>
Importance Code A		\$45,600
Importance Code B		\$51,700
<b>Total</b>		<b>\$97,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Interior Architecture	\$25,100			
Electrical			\$24,100	
<b>Total</b>	<b>\$25,100</b>		<b>\$24,100</b>	
Importance Code B	\$25,100		\$24,100	
<b>Total</b>	<b>\$25,100</b>		<b>\$24,100</b>	



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



**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL DIVING POOL**  
**Asset # : 584**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	100%			LIFE	**	5	\$45,600	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Diving Pool**Explanation : Has Been Closed For Last Five Years - No Longer In Use*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$25,100	LIFE	**	5	\$51,700	
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*Cracking/Crumbling, Extent : Light, Area Affected : 10%**Location : Throughout**Other Observation, Extent : Light, Area Affected : 100%**Location : Diving Pool**Explanation : Has Been Closed For Last Five Years*

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

## Under 600 Volts

## Raceway

Conduit	100%			2027	\$3,800	1		
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## Wiring

Thermoplastic	100%			2027	\$8,300	1		
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## Lighting

## Exterior Lighting

HID	100%			2022	\$24,100	10		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2032	**	1		
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*Other Observation, Extent : Severe, Area Affected : 100%**Location : Throughout**Explanation : Diving Pool Is Not In Use*

## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOSEPH H LYONS POOL LYONS POOL, OLYMPIC  
**Address** : 20 VICTORY BLVD NEAR PIER 6  
**Borough** : STATEN ISLAND **Agency's Number** : R043-01  
**Program / Asset #** : PAR0087.001 / 602 **Yr Built/Renovated** :  
**Area Sq Ft** : 15,801 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 487 **Lot** : 110 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$45,600
Interior Architecture		\$51,700
Electrical	\$60,900	
<b>Total</b>	<b>\$60,900</b>	<b>\$97,400</b>
Importance Code A		\$45,600
Importance Code B	\$60,900	\$51,700
<b>Total</b>	<b>\$60,900</b>	<b>\$97,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$26,300			
Interior Architecture	\$5,000			
Electrical				
Mechanical				\$200
<b>Total</b>	<b>\$31,300</b>			<b>\$200</b>
Importance Code A	\$26,300			
Importance Code B	\$5,000			\$200
<b>Total</b>	<b>\$31,300</b>			<b>\$200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL LYONS POOL, OLYMPIC**  
**Asset # : 602**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	100%	Now	\$26,300	LIFE	**	5	\$45,600	
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*Cracking/Crumbling, Extent : Light, Area Affected : 5%**Location : Flaherty, Christine*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$5,000	LIFE	**	5	\$51,700	
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*Cracking/Crumbling, Extent : Light, Area Affected : 5%**Location : Flaherty, Christine*

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

## Under 600 Volts

## Raceway

Conduit	100%			2027	\$3,800	1		
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## Wiring

Thermoplastic	100%			2027	\$8,300	1		
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## Lighting

## Exterior Lighting

HID	100%			2022	\$60,900	10		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Brass/Copper	100%			2037	**	1		
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*Other Observation, Extent : Moderate, Area Affected : 20%**Location : Throughout**Explanation : Fiberglass Piping For Chlorine And Some Pool Pipe*

## Storm Drain Piping

Cast Iron	100%			LIFE	**	1		
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## Sump Pump(s)

Non-Submersible	100%			2027	\$2,300	4	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER  
**Address** : 20 VICTORY BLVD NEAR PIER 6  
**Borough** : STATEN ISLAND **Agency's Number** : R043-02  
**Program / Asset #** : PAR0087.002 / 603 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 27,469 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 487 **Lot** : 110 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$826,400	\$174,100
Interior Architecture	\$116,400	\$67,500
Electrical		\$267,400
Mechanical	\$38,000	\$343,100
<b>Total</b>	<b>\$980,900</b>	<b>\$852,000</b>
Importance Code A	\$826,400	\$174,100
Importance Code B	\$154,500	\$677,900
<b>Total</b>	<b>\$980,900</b>	<b>\$852,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$98,000			
Interior Architecture	\$82,600		\$1,500	
Electrical	\$900	\$1,300	\$8,900	\$800
Mechanical	\$24,100	\$2,900	\$9,100	\$3,200
<b>Total</b>	<b>\$205,600</b>	<b>\$4,200</b>	<b>\$19,500</b>	<b>\$3,900</b>
Importance Code A	\$99,400	\$1,400	\$1,400	\$1,400
Importance Code B	\$66,000	\$2,800	\$18,100	\$2,600
Importance Code C	\$40,200			
<b>Total</b>	<b>\$205,600</b>	<b>\$4,200</b>	<b>\$19,500</b>	<b>\$3,900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$28,400	LIFE	**	5	\$22,600	
<i>Recent Repair Evident, Extent : Light, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Window Sills</i>								
Masonry: Brick	95%	Now	\$289,000	LIFE	**	5	\$86,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Windows</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Opening At Snack Bar</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Windows</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$166,700	2043	**	5	\$4,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	15%	Now	\$31,900	LIFE	**	5	\$2,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Coping</i>								
Masonry: Limestone	10%	Now	\$19,300	LIFE	**	5	\$2,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Coping</i>								
Metal Rail	75%	Now	\$18,400	2032	**	5	\$88,100	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	60%	0-2	\$139,700	2032	**			
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Panel/Paver: Cer/Brk	5%	Now	\$48,500	2057	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Traffic Topping	35%	Now	\$182,500	2037	**			
<i>Blisters, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Over Filter Area</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Filter Area</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Filter Area</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Filter Area</i>								
Interior								
Floors								
Cast in Place Concrete	75%	0-2	\$71,400	LIFE	**	5	\$67,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	15%	0-2	\$13,300	2030	**	5	\$3,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Sheet Vinyl/Rubber	5%			2037	**	5	\$3,100	
Terrazzo	5%	0-2	\$10,600	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	10%	0-2	\$5,200	2030	**	5	\$1,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	5%			LIFE	**	5	\$1,000	
Masonry: Brick	5%			LIFE	**			
Plaster	55%	0-2	\$16,700	LIFE	**	5	\$5,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	25%	0-2	\$18,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Concrete	25%	Now	\$18,400	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Flaherty, Christine</i>								
Plaster	75%	Now	\$45,000	LIFE	**	5	\$19,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Flaherty, Christine</i>								
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	70%			2027	\$1,200	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Two 800 Ampere Main Disconnect Switches</i>								
Fused Disc Sw	30%			2027	\$500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2000 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2027	\$27,200	5	\$100	
<b>Raceway</b>								
Conduit	100%			2027	\$4,200	1		
<b>Panelboards</b>								
Fused Disc Sw	15%			2026	\$2,500	5	\$100	
Molded Case Bkrs	85%			2026	\$14,100	5	\$600	
<b>Wiring</b>								
Thermoplastic	100%			2027	\$9,100	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2025	\$24,000	5	\$200	
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	85%			2027	\$56,900	10	\$21,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
HID	10%			2027	\$25,000	10	\$100	
Incandescent	5%			2022	\$8,000	2		
<b>Egress Lighting</b>								
Emergency, Service	50%			2027	\$7,500	1		
Exit, Service	50%			2027	\$4,100	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Exterior Lighting HID	100%			2027	\$115,500	10	\$100	
<b>Alarm</b>								
Security System No Component Generic	70%			2027	\$27,700	1	\$3,100	
Fire/Smoke Detection No Component Generic, Analog	70%			2027	\$95,000	1-3	\$5,100	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2047	**	1		
Conversion Equipment Hot Water Boiler	100%			2032	**	1	\$13,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 2 Units</i>								
Distribution Hot Wtr Piping/Pump	100%	0-2	\$17,900	2043	**	4	\$1,400	
<i>Leak Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terminal Devices Convactor/Radiator Fan Coil Unit/Heat	20%			2032	**	1	\$1,800	
	80%			2027	\$343,100	1	\$7,100	
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$15,300	
Exhaust Fans Interior Roof	20%			2027	\$20,400	2	\$200	
	80%			2022	\$38,000	2	\$700	
<b>Plumbing</b>								
H/C Water Piping Galvanized Steel	100%			2040	**	1		
Water Heater Gas Fired	100%			2025	\$17,500	2	\$400	
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.  
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**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Sump Pump(s) Non-Submersible	100%			2027	\$4,400	4	\$600
	Pool Filter/Treatment Sand	100%			2032	**	4	\$10,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 9 Units Serve 3 Pools</i>								
	Backflow Preventer Not Accessible	100%						
	Fixtures Generic	100%						
<b>Fire Suppression</b>								
	Standpipe Generic	100%			2037	**	1-5	\$13,900

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **KINGSLAND HOMESTEAD**  
**Address** : **143-35 37TH AVENUE**  
**Borough** : **QUEENS** **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0248.000 / 14552** **Yr Built/Renovated** : **1785 /**  
**Area Sq Ft** : **5,617** **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **27-Jul-2016** **Landmark Status** : **INTERIOR & EXTERIOR LANDMARK**  
**Areas Surveyed** : **Basement, Roof, Floors 1,2**  
**Block** : **5012** **Lot** : **40** **BIN** : **4430341**

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$274,100	\$80,700
Interior Architecture	\$41,700	
Mechanical		\$103,800
<b>Total</b>	<b>\$315,700</b>	<b>\$184,400</b>
Importance Code A	\$274,100	\$184,400
Importance Code B	\$41,700	
<b>Total</b>	<b>\$315,700</b>	<b>\$184,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$4,100			
Interior Architecture	\$8,200		\$500	\$600
Electrical	\$10,700	\$100	\$16,800	\$100
Mechanical	\$300	\$600	\$100	\$600
<b>Total</b>	<b>\$23,300</b>	<b>\$700</b>	<b>\$17,400</b>	<b>\$1,400</b>
Importance Code A	\$4,100	\$500		\$500
Importance Code B	\$19,200	\$200	\$17,400	\$900
Importance Code C				
<b>Total</b>	<b>\$23,300</b>	<b>\$700</b>	<b>\$17,400</b>	<b>\$1,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**KINGSLAND HOMESTEAD**  
**Asset # : 14552**

Architecture		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	**	5	\$8,800		
Masonry: Brick	3%			LIFE	**	5	\$1,100		
Wood	92%	Now	\$188,400	2032	**	5	\$80,700	1	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Throughout</i>									
Windows									
Wood	100%	Now	\$4,100	2035	**	5	\$6,600		
<i>Crwt/Balnc Not Funct, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Roof									
Wood Shingles	100%	Now	\$85,700	2042	**			1	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
<i>Split/Cracked, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Attic</i>									
Interior									
Floors									
Carpet	15%	0-2	\$3,600	2026	\$17,900	3	\$1,900		
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Throughout</i>									
Cast in Place Concrete	15%	0-2	\$700	LIFE	**	5	\$2,800		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
Mosaic Tile	5%			2032	**	5	\$1,100		
Wood	45%	Now	\$41,700	2055	**	5	\$3,500		
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Throughout</i>									
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Throughout</i>									
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
Wood	20%			2055	**	5	\$3,200		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Attic</i>									
<i>Explanation : This Component Is Actually Laminated Flooring</i>									
Interior Walls									
Plaster	100%			LIFE	**	5	\$2,400		

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**DEPT. OF PARKS & RECREATION - 846**  
**KINGSLAND HOMESTEAD**  
**Asset # : 14552**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%	Now	\$300	2032	**	5	\$800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Plaster	80%	Now	\$2,000	LIFE	**	5	\$4,200	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Attic</i>								
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2027	\$1,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	70%			2027	\$2,900	1		
Conduit	30%			2047	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	50%			2026	\$4,200	5	\$100	
Molded Case Bkrs	50%			2043	**	5	\$100	
<b>Wiring</b>								
Thermoplastic	50%			2027	\$4,500	1		
Thermoplastic	50%			2047	**	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$10,600	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	30%			2022	\$4,100	10	\$1,500	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	20%			2032	**	10	\$1,000	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Kitchen, Office, And Bathroom</i>								
Incandescent	50%			2032	**	2	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2027	\$4,200	10	\$700	
Exit, Service	50%			2027	\$800	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**KINGSLAND HOMESTEAD**  
**Asset # : 14552**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Exterior Lighting								
HID	50%			2032	**	10		
Incandescent	50%			2022	\$10,000	2		
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2032	**	1-3	\$700	
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Electricity	100%			2047	**	1		
Conversion Equipment								
Radiant Heater	100%			2027	\$103,800	2	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Electric Base Board Radiant Heaters</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Window/Wall Unit	30%			2025	\$3,700	1		
No Component	70%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Electric	100%			2026	\$5,200	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2020	\$200	4	\$200	
Fixtures								
Generic	100%							
<b>Fire Suppression</b>								
Sprinkler								
No Component	50%							
Generic	50%			2037	**	1-2	\$800	
<i>No Backflow Preventer, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS  
**Address** : MARCY-KOSCIUSKO-DEKALB DEKALB AND MARCY AVES.  
**Borough** : BROOKLYN **Agency's Number** : B351-05  
**Program / Asset #** : PAR0119.005 / 916 **Yr Built/Renovated** : 1970 /  
**Area Sq Ft** : 11,288 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1779 **Lot** : 27 **BIN** : 3255870

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$854,300	\$373,600
Interior Architecture	\$244,000	
Electrical		\$8,700
Mechanical		\$219,400
<b>Total</b>	<b>\$1,098,300</b>	<b>\$601,700</b>
Importance Code A	\$854,300	\$545,700
Importance Code B	\$131,800	\$56,000
Importance Code C	\$112,300	
<b>Total</b>	<b>\$1,098,300</b>	<b>\$601,700</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$31,200			
Interior Architecture	\$57,900			
Electrical	\$1,100	\$1,300	\$1,200	\$1,100
Mechanical	\$3,800	\$6,700	\$1,100	\$100
<b>Total</b>	<b>\$94,000</b>	<b>\$8,000</b>	<b>\$2,300</b>	<b>\$1,200</b>
Importance Code A	\$32,200	\$100	\$1,000	\$100
Importance Code B	\$44,900	\$7,900	\$1,300	\$1,100
Importance Code C	\$16,800			
<b>Total</b>	<b>\$94,000</b>	<b>\$8,000</b>	<b>\$2,300</b>	<b>\$1,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	93%	Now	\$696,000	LIFE	**	5	\$302,300	
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 5%</i>								
<i>Location : East Facade At Entrance Ramp</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 10%</i>								
<i>Location : East Facade At Entrance Ramp</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : East Facade At Entrance Ramp</i>								
Concrete Masonry Unit	2%			LIFE	**	5	\$800	
Metal Coiling Doors	5%	Now	\$18,800	2033	**	5	\$5,100	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Entrance</i>								
<b>Parapets</b>								
Cast in Place Concrete	85%	Now	\$44,800	LIFE	**	5	\$71,300	
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Parapet Corners North And East Walls</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout Interior Parapet Wall</i>								
<i>Explanation : Paint Peeling</i>								
Concrete Masonry Unit	2%			LIFE	**	5	\$200	
Metal Security Bars	13%			2043	**			
<b>Roof</b>								
Cast in Place Concrete	100%	Now	\$113,500	LIFE	**			1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : At Stairs And Walking Platforms Throughout</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Joint Seams Throughout Roof Deck And At Stairs</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Joints And Seams Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Above Locker Rooms, Office And Main Corridors</i>								
<b>Soffits</b>								
Cast in Place Concrete	100%	0-2	\$12,400	LIFE	**	5	\$21,600	
<i>Spalling, Extent : Light, Area Affected : 25%</i>								
<i>Location : North And West Facades</i>								

**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.

**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

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	95%	Now	\$30,900	LIFE	**	5	\$31,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Locker Rooms And At All Thresholds</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Surfaces Throughout</i>								
Terrazzo	5%	Now	\$36,300	LIFE	**	5	\$600	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Entry Corridor</i>								
<i>Explanation : Mold</i>								
Interior Walls								
Cast in Place Concrete	20%			LIFE	**			
Ceramic Tile	20%	Now	\$46,200	2031	**	5	\$4,100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Shower Areas</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Shower / Toilet Areas</i>								
Glazed Ceramic Panel	5%	Now	\$66,100	LIFE	**			
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Main Entry Vestibule</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entry Corridor</i>								
<i>Explanation : Material Is Actually Glazed Brick</i>								
Masonry: Brick	10%			LIFE	**			
Plaster	5%	Now	\$16,800	LIFE	**	5	\$600	
<i>Water Penetration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Locker Rooms</i>								
SGFT/Glazed Masonry	40%			LIFE	**			
Ceilings								
Exposed Concrete	95%	Now	\$95,500	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Men's And Women's Showers, Locker Room</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Men's And Women's Locker Rooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Male Showers, Female Locker Room And Hallway</i>								
Plaster	5%	Now	\$10,200	LIFE	**	5	\$500	
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Corridor Near Offices</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Main Entry Hallway</i>								
<i>Explanation : Mold Observed</i>								

## Site Enclosure

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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**

**Asset # : 916**

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

Site Enclosure

Fence/Gates

Iron Picket	100%			2048		**		
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Retaining Walls

Cast in Place Concrete	100%			2048		**		
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*Other Observation, Extent : Moderate, Area Affected : 25%*

*Location : Planter Bed South Perimeter Wall*

*Explanation : Staining / Discoloring*

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%			2041		**		
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<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2028	\$1,500	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 800 And One 400 Ampere Main Disconnect Switch*

Switchgear / Switchboard

Fused Disc Sw	100%			2028	\$24,900	5		
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Raceway

Conduit	85%			2028	\$3,300	1		
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Conduit	10%			2048	**	1		
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Conduit	5%			2058	**	1		
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Panelboards

Fused Disc Sw	5%			2027	\$400	5		
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Molded Case Bkrs	20%			2044	**	5	\$100	
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Molded Case Bkrs	75%			2027	\$5,700	5	\$200	
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Wiring

Thermoplastic	30%			2048	**	1		
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Thermoplastic	5%			2058	**	1		
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Thermoplastic	65%			2028	\$5,400	1		
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Motor Controllers

Locally Mounted	100%			2026	\$14,700	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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Lighting

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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**

**Asset # : 916**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2038	**	10	\$9,300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2028	\$2,500	10	\$1,000	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical And Electrical Room</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2028	\$7,800	10	\$1,400	
Exit, Service	50%			2028	\$1,600	1		
<b>Exterior Lighting</b>								
HID	80%			2038	**	10		
HID	20%			2028	\$8,700	10		
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	**	1	\$4,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Only</i>								
<i>Explanation : Four CCTV Surveillance Camera Is For Outside Only But The Monitor Located At The Supervisor Office</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	**	1-3	\$7,000	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	90%			2028		1		
Natural Gas	10%			2038	**	1		
<b>Conversion Equipment</b>								
Furnace	10%			2028	\$2,500	1	\$600	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit. There Are 2 Condemn Hot Water Boilers Remain In Boiler Room.</i>								
Radiant Heater	90%			2028	\$172,100	2	\$4,700	
<b>Distribution</b>								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$600	
<i>Abandoned in Place, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Hot Water Distribution System.</i>								
No Component	90%							
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Galvanized Steel	100%			2026	\$47,300	1		
<b>Water Heater</b>								
Gas Fired	100%			2021	\$6,600	2	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%	Now	\$1,100	LIFE	**	1	
			<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Outside Stair Well</i>					
	Sump Pump(s)							
	Non-Submersible	100%	Now	\$1,600	2038	**	4	\$200
			<i>Abandoned in Place, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
	Fixtures							
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : KOSCIUSKO POOL FILTER HOUSE  
**Address** : MARCY-KOSCIUSKO-DEKALB DEKALB AND MARCY AVES.  
**Borough** : BROOKLYN **Agency's Number** : B351-06  
**Program / Asset #** : PAR0119.006 / 917 **Yr Built/Renovated** : 1970 /  
**Area Sq Ft** : 4,467 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1779 **Lot** : 27 **BIN** : 3255870

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$176,500	\$76,700
Interior Architecture	\$208,600	
Electrical		\$123,300
Mechanical	\$228,600	
<b>Total</b>	<b>\$613,700</b>	<b>\$200,000</b>
Importance Code A	\$176,500	\$76,700
Importance Code B	\$303,900	\$123,300
Importance Code C	\$133,300	
<b>Total</b>	<b>\$613,700</b>	<b>\$200,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$70,500	\$14,100		\$2,700
Interior Architecture	\$22,900			\$600
Electrical			\$100	\$19,300
Mechanical	\$5,400		\$600	\$900
<b>Total</b>	<b>\$98,700</b>	<b>\$14,100</b>	<b>\$700</b>	<b>\$23,400</b>
Importance Code A	\$70,500	\$14,100		\$2,700
Importance Code B	\$19,900		\$600	\$20,800
Importance Code C	\$8,300			
<b>Total</b>	<b>\$98,700</b>	<b>\$14,100</b>	<b>\$700</b>	<b>\$23,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL FILTER HOUSE**  
**Asset # : 917**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	90%	Now	\$176,500	LIFE	**	5	\$76,700	
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Platform For Shade Structure - North Facade</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North Facade</i>								
Metal Coiling Doors	10%			2033	**	5	\$5,300	
Windows								
Metal Louvers	100%			2031	**	10	\$14,100	
Parapets								
Cast in Place Concrete	65%	Now	\$14,000	LIFE	**	5	\$11,200	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Wall Along Bleachers</i>								
Metal: Cage/Fence	35%	Now	\$11,800	2048	**	5	\$1,900	1
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Anchor Points Of Fence Posts Throughout Bleachers</i>								
Roof								
Cast in Place Concrete	100%	Now	\$20,200	LIFE	**			1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Above Entry Doors At Bleachers And Throughout</i>								
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout Bleacher Platforms</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Most Joints Throughout Bleachers</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Above Filter Room, Corridors And Storage Rooms</i>								
Soffits								
Cast in Place Concrete	100%	Now	\$24,400	LIFE	**	5	\$10,600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Deck Supports - North Facade</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Deck Supports - North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Deck Supports - North Facade</i>								
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$14,600	LIFE	**	5	\$15,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Within Storage Space And Corridors Below Bleachers</i>								
Quarry Tile	10%			2033	**	5	\$1,100	

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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL FILTER HOUSE**  
**Asset # : 917**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	85%	Now	\$133,300	LIFE		**		
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Filter House</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Corridors And Storage Areas</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Corridors And Storage Areas</i>								
Concrete Masonry Unit	15%	Now	\$8,300	LIFE		**	5	\$700
<i>Horizontal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Room</i>								
<b>Ceilings</b>								
Exposed Concrete	100%	Now	\$75,300	LIFE		**	5	\$1,200
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room, Corridors And Storage Areas</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Filter Room, Corridors And Storage Areas</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	70%			2033		**		
Pavers/Stone	30%			2031		**		
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2028	\$49,900	5		\$100
<b>Raceway</b>								
Conduit	95%			2028	\$5,200	1		
Conduit	5%			2048	**	1		
<b>Panelboards</b>								
Fused Disc Sw	20%			2027	\$1,500	5		
Molded Case Bkrs	80%			2027	\$6,100	5		\$100
<b>Wiring</b>								
Thermoplastic	95%			2028	\$6,400	1		
Thermoplastic	5%			2048	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2026	\$73,400	5		
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2033	**	10		\$4,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL FILTER HOUSE**  
**Asset # : 917**

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

**Lighting**

Egress Lighting								
Emergency, Battery	50%			2028	\$3,100	10	\$500	
Exit, Service	50%			2028	\$300	1		
Exterior Lighting								
HID	20%			2023	\$3,400	10		
Incandescent	80%			2023	\$11,700	2		

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

**Heating**

Energy Source								
Electricity	10%			2038	**	1		
No Component	90%							
Conversion Equipment								
Radiant Heater	10%			2028	\$7,600	2	\$200	
No Component	90%							

**Air Conditioning**

Energy Source								
Electricity	100%			2036	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2023	\$900	1		
No Component	90%							

**Ventilation**

Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$300	
No Component	90%							

**Plumbing**

H/C Water Piping								
Galvanized Steel	100%			2033	**	1		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Pvc Piping, Not Galvanized.</i>					
Water Heater								
Electric	100%	0-2	\$3,800	2028	\$3,800	4		
			<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Women's Locker Room</i>					
Sanitary Piping								
Cast Iron	100%	Now	\$1,600	LIFE	**	1		
			<i>Corroded, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Main Floor</i>					
Pool Filter/Treatment								
Activated Carbon	100%			2022	\$228,600	4	\$1,100	
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : KOSCIUSKO POOL KOSCIUSKO OLYMPIC POOL  
**Address** : MARCY-KOSCIUSKO-DEKALB DEKALB AND MARCY AVES.  
**Borough** : BROOKLYN **Agency's Number** : B351-04  
**Program / Asset #** : PAR0119.004 / 915 **Yr Built/Renovated** :  
**Area Sq Ft** : 23,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 1779 **Lot** : 27 **BIN** : 3255870

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Interior Architecture	\$64,100	
Electrical	\$88,600	
Mechanical		\$1,177,000
Site Pavements	\$126,500	
<b>Total</b>	<b>\$279,300</b>	<b>\$1,177,000</b>
Importance Code B	\$152,800	\$1,177,000
Importance Code C	\$126,500	
<b>Total</b>	<b>\$279,300</b>	<b>\$1,177,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$4,900			
Electrical		\$300		\$100
Mechanical			\$2,800	
Site Enclosure	\$500			
<b>Total</b>	<b>\$5,400</b>	<b>\$300</b>	<b>\$2,800</b>	<b>\$100</b>
Importance Code A	\$4,900			
Importance Code B		\$300	\$2,800	\$100
Importance Code C	\$500			
<b>Total</b>	<b>\$5,400</b>	<b>\$300</b>	<b>\$2,800</b>	<b>\$100</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL KOSCIUSKO OLYMPIC POOL**  
**Asset # : 915**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Metal Panel	100%	4+	\$4,900	2048	**	5	\$14,800	
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Material Is Actually 1/2 To 1 Inch Thick Sheet Metal</i>								
<b>Interior</b>								
<b>Floors</b>								
Steel Plate	100%	4+	\$64,100	LIFE	**	1		
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Pool Stairs</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Material Is Actually 1/2 To 1 Inch Thick Sheet Metal</i>								
<b>Site Enclosure</b>								
<b>Free Standing Walls</b>								
Cast in Place Concrete	100%	4+	\$500	2048	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations At Base Of Wall On South And West Perimeter Wall</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	Now	\$126,500	2033	**			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout Pool Deck</i>								
<i>Explanation : Vegetation Growth And Expansion Joint Failure</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Wiring								
Thermoplastic	100%			2028	\$8,300	1		
<b>Lighting</b>								
<b>Exterior Lighting</b>								
HID	100%			2023	\$88,600	10	\$100	
<b>Lightning Protection</b>								
<b>Arresters/Cabling</b>								
Generic	100%			2031	**	5	\$700	

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

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.

**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL KOSCIUSKO OLYMPIC POOL**

**Asset # : 915**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	H/C Water Piping Galvanized Steel	100%			2033	**	1	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pool</i>								
<i>Explanation : Repairing In The Pool Is In Progress</i>								
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Pool Filter/Treatment Activated Carbon	100%			2026	\$1,177,000	4	\$5,700

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LA TOURETTE PARK CLUBHOUSE  
**Address** : 1001 RICHMOND HILL ROAD @ EDINBORO RD/ RICHMOND HILL RD  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0017.020 / 13450 **Yr Built/Renovated** : 1836 / 2003  
**Area Sq Ft** : 11,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Jun-2018 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Floors 1,2,Att  
**Block** : 2359 **Lot** : 1 **BIN** : 5141708

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical		\$168,100
Mechanical		\$139,800
<b>Total</b>		<b>\$307,900</b>
Importance Code A		\$83,100
Importance Code B		\$224,900
<b>Total</b>		<b>\$307,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$60,400			
Interior Architecture	\$83,200		\$7,400	\$900
Electrical	\$500	\$300	\$500	\$400
Mechanical	\$4,000	\$2,700	\$2,900	\$2,400
Site Pavements	\$4,400			\$300
<b>Total</b>	<b>\$152,500</b>	<b>\$3,100</b>	<b>\$10,800</b>	<b>\$4,000</b>
Importance Code A	\$61,600	\$1,200	\$1,200	\$1,200
Importance Code B	\$66,100	\$1,800	\$9,500	\$2,000
Importance Code C	\$24,800			\$800
<b>Total</b>	<b>\$152,500</b>	<b>\$3,100</b>	<b>\$10,800</b>	<b>\$4,000</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$1,400	LIFE	**	5	\$5,400	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	85%	0-2	\$30,700	LIFE	**	5	\$18,300	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Wood	10%	0-2	\$12,600	2042	**	5	\$5,400	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$5,200	2045	**	5	\$16,600	
<i>Deteriorated Finish, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2nd Floor Northwest Wall</i>								
Roof								
Asphalt Shingle	15%			2038	**	10	\$300	
Slate	85%			LIFE	**	10	\$10,600	
Soffits								
Wood	100%			2042	**	5		
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	80%			2028	\$209,400	3	\$22,100	
Cast in Place Concrete	5%			LIFE	**	5	\$4,000	
<i>Paint Peeling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Kitchen And Basement</i>								
Ceramic Tile	5%			2038	**	5	\$900	
Quarry Tile	5%			2034	**	5	\$1,400	
Wood	5%	Now	\$33,800	2069	**	5	\$900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Attic</i>								
<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>								
<i>Location : Attic</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Attic</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2038	**	5	\$900	
Plaster	85%	Now	\$13,300	LIFE	**	5	\$4,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement Meeting Room</i>								
Wood	10%			LIFE	**	5	\$14,100	
<b>Ceilings</b>								
Exposed Struc: Wood	10%			LIFE	**	10	\$2,800	
Plaster	90%	Now	\$24,200	LIFE	**	5	\$10,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 2nd Floor Office And Basement Meeting Room</i>								
<b>Site Enclosure</b>								
<b>Free Standing Walls</b>								
Concrete Masonry Unit	50%			2039	**			
Masonry: Brick	50%			2039	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%			2049	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	15%			2032	**			
Cast in Place Concrete	25%			2042	**			
Pavers/Stone	55%			2038	**			
Wood	5%			2024		\$10,800	1-3	\$1,600
<b>Parking/Driveway</b>								
Asphalt	100%	2-4	\$4,100	2032	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	50%			2039	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch</i>								
Molded Case Bkrs	50%			2049	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 150 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2039	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2037	**	5		
Molded Case Bkrs	95%			2037	**	5	\$300	

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**DEPT. OF PARKS & RECREATION - 846**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Under 600 Volts								
Wiring								
Thermoplastic	100%			2039	**	1		
Motor Controllers								
Locally Mounted	100%			2034	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	30%			2029	\$41,200	10	\$3,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Golf Shop, Stairway And Lobby 1, 2 Floors</i>						
		<i>Explanation : Using Compact Fluorescent Lamps</i>						
Fluorescent	30%			2029	\$41,200	10	\$3,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement, 1st Floor, 2nd Floor</i>						
		<i>Explanation : T-8 Lamps</i>						
LED	40%			2037	**			
Egress Lighting								
Emergency, Battery	50%			2029	\$9,200	10	\$1,500	
Exit, Service	50%			2029	\$1,000	1		
Exterior Lighting								
HID	100%			2029	\$47,100	10		
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	\$11,300	1	\$1,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2029	\$38,700	1-3	\$2,100	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source								
Fuel Oil No 2	100%			2039	**	5	\$3,800	
Conversion Equipment								
Steam Boiler	100%			2027	\$83,100	1	\$12,200	
		<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Steam Piping/Pump	100%			2029	\$56,700			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Terminal Devices							
	Convactor/Radiator	100%			2042	**	1	\$4,000
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%			2037	**	1	
	Conversion Equipment							
	Reciprocating Compr/Chiller	25%			2037	**	1	\$1,400
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Courtyard</i>					
			<i>Explanation : 1 Unit: R-410a Refrigerant</i>					
	Split Unit	10%			2034	**		
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
	Window/Wall Unit	25%			2024	\$6,700	1	
	No Component	40%						
	Terminal Devices							
	Air Handler/Dir Expansion	25%			2034	**	1	
	Fan Coil - 2 Pipe	10%			2034	**	1	\$400
	No Component	65%						
	Heat Rejection							
	Dry Cooler	35%			2034	**	2	\$3,000
	No Component	65%						
<b>Ventilation</b>								
	Distribution							
	Ductwork/Diffusers	25%			LIFE	**	2-5	\$2,700
	No Component	75%						
	Exhaust Fans							
	Roof	25%			2029	\$5,300	2	\$100
	No Component	75%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%			2039	**	1	
	HW Heat Exchanger							
	Steam Fired	100%			2029	\$20,400	4	\$1,800
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Hot Water Coil Built In Boiler</i>					
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Backflow Preventer							
	Under Construction	100%						
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Installation Is In Progress</i>					

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**DEPT. OF PARKS & RECREATION - 846  
LA TOURETTE PARK CLUBHOUSE  
Asset # : 13450**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	Fixtures							
	Generic	100%						
Fire Suppression	Chemical System							
	Generic	100%			2024	\$29,100	1-3	\$4,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : 1 Set</i>								

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LOST BATTALION HALL RECREATION CENTER  
**Address** : 93-29 QUEENS BOULEVARD  
**Borough** : QUEENS **Agency's Number** : Q401-01  
**Program / Asset #** : PAR0032.001 / 897 **Yr Built/Renovated** : 1938 / 2014  
**Area Sq Ft** : 36,143 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2077 **Lot** : 50 **BIN** : 4050408

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$41,500
Interior Architecture	\$39,100	\$37,200
Electrical	\$646,200	\$222,000
Mechanical	\$105,900	\$694,500
<b>Total</b>	<b>\$791,200</b>	<b>\$995,300</b>
Importance Code A		\$41,500
Importance Code B	\$791,200	\$953,700
<b>Total</b>	<b>\$791,200</b>	<b>\$995,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$10,300	\$200	
Interior Architecture	\$37,500	\$3,600	\$32,900	\$300
Electrical	\$3,200	\$71,700	\$2,000	\$2,000
Mechanical	\$8,100	\$74,800	\$13,100	\$6,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$52,700</b>	<b>\$164,400</b>	<b>\$52,200</b>	<b>\$12,300</b>
Importance Code A	\$1,800	\$12,100	\$2,000	\$1,800
Importance Code B	\$34,600	\$152,300	\$50,200	\$10,500
Importance Code C	\$16,400			
<b>Total</b>	<b>\$52,700</b>	<b>\$164,400</b>	<b>\$52,200</b>	<b>\$12,300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$7,600	
Masonry: Brick	60%			LIFE	**	5	\$18,300	
<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%			2046	**	5-10	\$21,000	
Metal Panel	5%			2056	**	5-10	\$10,500	
<i>Recent Construction, Extent : Light, Area Affected : 5%</i>								
<i>Location : Wall Facing Roof On North Side</i>								
Pre-Cast Concrete	3%			LIFE	**	5	\$3,000	
Stucco Cement	17%			2039	**	5	\$13,000	
<b>Windows</b>								
Aluminum	95%			2042	**	5	\$500	
Glass Block	5%			LIFE	**	5		
<b>Parapets</b>								
Masonry: Brick	75%			LIFE	**	5	\$3,200	
Metal Panel	20%			2056	**	5	\$3,300	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Interior Face And Coping</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$1,400	
<b>Roof</b>								
Modified Bitumen	100%			2036	**	10	\$41,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
Floors								
Carpet	5%			2022	\$31,700	3	\$3,600	
Cast in Place Concrete	35%			LIFE	**	5	\$37,200	
Quarry Tile	5%			2039	**	5	\$3,600	
Sheet Vinyl/Rubber	10%			2031	**	5	\$7,300	
Terrazzo	5%			LIFE	**	5	\$1,900	
Vinyl Tile	5%	Now	\$21,100	2036	**	3	\$900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Wood	35%			2054	**	5	\$31,900	
<b>Interior Walls</b>								
Cast Stone/Terra Cotta	5%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$700	
Plaster	85%	Now	\$16,400	LIFE	**	5	\$6,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Rooms</i>								
Wood	5%			LIFE	**	5	\$4,700	

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.  
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**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
Ceilings								
Exposed Concrete	25%			LIFE	**	5	\$1,900	
Exposed Struc: Steel	5%			LIFE	**			
Exposed Struc: Wood	40%			LIFE	**			
Plaster	30%	Now	\$39,100	LIFE	**	5	\$9,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Rooms</i>								
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	70%			2026	\$5,900	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1- Electrical Service Rated At 800 Amperes</i>								
Fused Disc Sw	30%			2046	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch For Emergency</i>								
<hr/>								
Transformers								
Dry Type	100%			2024	\$16,100	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 300 Kilo-volt-ampere</i>								
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$99,700	5	\$200	
<hr/>								
Raceway								
Conduit	100%			2026	\$53,600	1		
<hr/>								
Panelboards								
Fused Disc Sw	10%			2025	\$7,600	5	\$100	
Molded Case Bkrs	90%			2025	\$68,600	5	\$900	
<hr/>								
Wiring								
Braided Cloth	70%	0-2	\$47,500	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2026	\$20,400	1		
<hr/>								
Motor Controllers								
Locally Mounted	50%			2024	\$23,100	5	\$100	
Motor Control Center	50%	2-4	\$700	2046	**	5	\$200	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Basement</i>								
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	

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

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**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	85%			2021	\$69,200	10	\$28,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2021	\$8,100	10	\$3,300	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID	5%			2021	\$3,000	10	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2021	\$24,900	10	\$4,400	
Exit, Service	50%			2021	\$5,000	1		
<b>Exterior Lighting</b>								
HID	100%			2021	\$139,300	10	\$100	
<b>Alarm</b>								
<b>Fire/Smoke Detection</b>								
Generic, Analog	100%			2021	\$382,000	1-3	\$22,300	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Interruptible Gas/Dual Fuel	100%			2046	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Using Oil #4</i>								
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2031	**	1	\$17,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : One Unit</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2034	**	4	\$1,800	
<b>Terminal Devices</b>								
Air Handler	50%	0-2	\$48,600	2026	\$242,900	1	\$10,100	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 1 Of 2 Not Working</i>								
Convactor/Radiator	50%			2031	**	1	\$5,800	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2042	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Conversion Equipment</b>								
	Reciprocating Compr/Chiller	60%			2026	\$175,900	1	\$10,100
	Window/Wall Unit	20%			2021	\$14,400	1	
	No Component	20%						
<b>Terminal Devices</b>								
	Air Handler/Dir Expansion	60%			2026	\$185,400	1	
	No Component	40%						
<b>Heat Rejection</b>								
	Dry Cooler	60%			2026	\$90,200	2	\$15,100
	No Component	40%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$20,200
<b>Exhaust Fans</b>								
	Roof	100%			2021	\$57,400	2	\$1,100
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2036	* *	1	
<b>Water Heater</b>								
	Electric	10%			2021	\$3,000	4	
	Gas Fired	90%			2021	\$19,000	2	\$500
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : Two Units</i>							
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	* *	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	* *	1	
<b>Sump Pump(s)</b>								
	Non-Submersible	100%			2026	\$5,300	4	\$800
<b>Sewage Ejector(s)</b>								
	Compressed Air	100%			2036	* *	4	\$500
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Adjacent Basement</i>							
	<i>Explanation : Located In Nearby D E P Pumping Station</i>							
<b>Fixtures</b>								
	Generic	100%						
<b>Vertical Transport</b>								
<b>Elevators</b>								
	Hydraulic	100%			LIFE	* *		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement To 2nd Floor</i>							
	<i>Explanation : One Unit</i>							
<b>Fire Suppression</b>								

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Estimates are rounded to the nearest hundred dollars.

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**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**

**Asset # : 897**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
Fire Suppression	Standpipe							
	Generic	100%			2036	* *	1-5	\$18,200
	Sprinkler							
	No Component	60%						
	Generic	40%			2036	* *	1-2	\$4,100
	Chemical System							
	Generic	100%			2021	\$26,700	1-3	\$3,700

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LOTT HOUSE  
**Address** : 1940 EAST 36TH STREET BTWN FILLMORE AVE. - AVENUE S  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0178.000 / 4530 **Yr Built/Renovated** : 1720 / 2004  
**Area Sq Ft** : 7,312 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Jul-2016 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 8502 **Lot** : 20 **BIN** : 3240121

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$44,500	\$44,500
Interior Architecture	\$520,000	\$38,300
<b>Total</b>	<b>\$564,400</b>	<b>\$82,800</b>
Importance Code A	\$44,500	\$44,500
Importance Code B	\$477,300	\$38,300
Importance Code C	\$42,700	
<b>Total</b>	<b>\$564,400</b>	<b>\$82,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$3,300			
Interior Architecture				
Electrical	\$900		\$37,200	\$100
Mechanical	\$1,000	\$1,100	\$7,700	\$1,000
<b>Total</b>	<b>\$5,200</b>	<b>\$1,100</b>	<b>\$44,900</b>	<b>\$1,100</b>
Importance Code A	\$4,000	\$700	\$800	\$700
Importance Code B	\$1,200	\$400	\$44,100	\$300
Importance Code C				
<b>Total</b>	<b>\$5,200</b>	<b>\$1,100</b>	<b>\$44,900</b>	<b>\$1,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**LOTT HOUSE**  
**Asset # : 4530**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brownstone	5%			LIFE	**	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Repairs In Progress</i>								
Masonry: Fieldstone	5%			LIFE	**	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Repairs In Progress</i>								
Wood	90%			2032	**	5	\$88,900	
<i>Repairs in Progress, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Under Construction	100%							
<b>Roof</b>								
Wood Shingles	100%			2030	**	10	\$3,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Replacement In Progress</i>								
<b>Interior</b>								
<b>Floors</b>								
Wood	60%	Now	\$301,300	2067	**	5	\$6,200	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Interior Components Require Complete Restoration</i>								
No Component	20%							
Not Accessible	20%							
<b>Interior Walls</b>								
Masonry: Fieldstone	30%			LIFE	**			
Plaster	65%	Now	\$42,700	LIFE	**	5	\$1,400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : All Interior Components Require Extensive Restoration</i>								
Wood	5%			LIFE	**	5	\$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.



## DEPT. OF PARKS &amp; RECREATION - 846

## LOTT HOUSE

Asset # : 4530

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

## Interior

## Ceilings

Plaster

60% Now \$107,400 LIFE \*\* 5 \$4,100

*Other Observation, Extent : Severe, Area Affected : 100%**Location : Throughout**Explanation : All Interior Components Require Extensive Restoration*

Wood

40% Now \$68,600 LIFE \*\* 5 \$38,300

*Other Observation, Extent : Severe, Area Affected : 100%**Location : Throughout**Explanation : All Interior Components Require Extensive Restoration*

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

## Under 600 Volts

## Service Equipment

Molded Case Bkrs

100% 2047 \*\* 5 \$200

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : One 100 Ampere Main Disconnect Switch*

## Raceway

Conduit

30% 2047 \*\* 1

Conduit

70% 2027 \$2,900 1

*On Extended Life, Extent : Moderate, Area Affected : 100%**Location : Throughout 1st And 2nd Floor*

## Panelboards

Fused Disc Sw

2% 2043 \*\* 5

Molded Case Bkrs

98% 2043 \*\* 5 \$200

## Wiring

Braided Cloth

10% 0-2 \$900 2052 \*\* 1

*Insulation Aged, Extent : Moderate, Area Affected : 100%**Location : Branch Circuits Throughout 1st And 2nd Floors*

Thermoplastic

90% 2047 \*\* 1

## Ground

## Grounding Devices

Generic

100% LIFE \*\* 5 \$100

## Lighting

## Interior Lighting

Fluorescent

30% 2022 \$5,300 10 \$2,000

*Compact Fluorescent Light, Extent : Light, Area Affected : 10%**Location : Basement, Kitchen And Bathroom**Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : Lighting Fixture Is Very Old But They Are All Operational*

Incandescent

70% 2022 \$29,700 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.

**DEPT. OF PARKS & RECREATION - 846**  
**LOTT HOUSE**  
**Asset # : 4530**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Steam Boiler	100%			2032	**	1	\$7,200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Distribution								
Central Plant Steam Piping/Pmp	100%			2037	**	4	\$500	
Terminal Devices								
Convactor/Radiator	100%			2032	**	1	\$2,400	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Basement</i>								
<i>Explanation : Lead Pipe Water Service</i>								
Water Heater								
Electric	100%			2022	\$6,700	4		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit 50 Gallon Residential Type</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
No Component	98%							
Generic	2%			2032	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Boiler Only</i>								
<b>Fixtures</b>								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.  
 Address : 33-16 108 STREET  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : PAR0125.000 / 4354 Yr Built/Renovated : 1995 / 2009  
 Area Sq Ft : 24,388 Project Type : PARKS AND RECREATION  
 Date of Survey : 26-Sep-2014 Landmark Status : NONE  
 Areas Surveyed : Basement, Roof, Floors 1,3  
 Block : 1722 Lot : 5 BIN : 4311969

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$65,000	
<b>Total</b>	<b>\$65,000</b>	
Importance Code A	\$65,000	
<b>Total</b>	<b>\$65,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				
Interior Architecture	\$1,600	\$12,900	\$49,300	
Electrical	\$2,300	\$23,500	\$3,000	\$2,300
Mechanical	\$5,800	\$4,900	\$7,100	\$5,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$13,700</b>	<b>\$45,200</b>	<b>\$63,400</b>	<b>\$11,600</b>
Importance Code A	\$1,200	\$1,300	\$1,200	\$1,200
Importance Code B	\$11,700	\$44,000	\$62,200	\$10,400
Importance Code C	\$700			
<b>Total</b>	<b>\$13,700</b>	<b>\$45,200</b>	<b>\$63,400</b>	<b>\$11,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**

**Asset # : 4354**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick Cavity	95%			LIFE	**	5	\$30,800	
Pre-Cast Concrete	5%			LIFE	**	5	\$5,300	
<b>Windows</b>								
Aluminum	92%			2034	**	5	\$4,000	
Metal Louvers	8%			2029	\$10,500	10	\$2,200	
<b>Parapets</b>								
Masonry: Brick Cavity	80%			LIFE	**	5	\$1,100	
Metal: Cage/Fence	13%			2039	**	5-10	\$1,400	
Pre-Cast Concrete	7%			LIFE	**	5	\$600	
<b>Roof</b>								
IRMA/Protected Membrane	15%			2031	**	10	\$11,500	
		<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Section Over First Floor Roof</i>						
IRMA/Protected Membrane	13%			2034	**	10	\$9,900	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 15%</i>						
		<i>Location : At Newly Installed Mechanical Equipment</i>						
IRMA/Protected Membrane	70%			2031	**	10	\$53,500	
Skylight, Plastic	2%			2039	**	1		
<b>Interior</b>								
<b>Floors</b>								
Carpet	10%			2022	\$46,000	3	\$5,300	
Cast in Place Concrete	10%			LIFE	**	5	\$7,700	
Ceramic Tile	5%			2035	**	5	\$1,800	
Sheet Vinyl/Rubber	5%			2031	**	5	\$2,600	
Vinyl Tile	35%			2031	**	3	\$4,600	
Wood	35%			2061	**	5	\$23,200	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Gymnasium</i>						
<b>Interior Walls</b>								
Ceramic Tile	5%			2035	**	5	\$1,500	
Concrete Masonry Unit	25%			LIFE	**	5	\$3,000	
Glass: Single Pane	5%			LIFE	**	5	\$1,100	
Gypsum Board	45%			LIFE	**	5	\$8,000	
SGFT/Glazed Masonry	20%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%			2039	**	5	\$7,100	
Exposed Struc: Steel	50%			LIFE	**			
Gypsum Board	30%			LIFE	**	5	\$13,200	

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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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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**DEPT. OF PARKS & RECREATION - 846**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**

**Asset # : 4354**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 1200 Ampere Main Disconnect Switch</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5	\$100	
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	10%			2042	**	5	\$100	
Molded Case Bkrs	90%			2042	**	5	\$600	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	80%			2039	**	5	\$100	
Variable Frequency Drive	20%			2046	**			
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	70%			2031	**	10	\$15,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	10%			2031	**	10	\$2,200	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Lobby And Cafeteria</i>						
HID	20%			2031	**	10	\$200	
Egress Lighting								
Emergency, Battery	50%			2031	**	10	\$2,900	
Exit, Service	50%			2031	**	1		
Exterior Lighting								
HID	100%			2031	**	10	\$100	
<b>Alarm</b>								
Security System								
Generic	100%			2031	**	1	\$9,100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Intrusion Alarm System Tied Into Private Monitoring Company</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$15,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**

**Asset # : 4354**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Energy Source	Natural Gas	100%			2046	**	1	
Conversion Equipment	Hot Water Boiler	100%			2043	**	1	\$12,100
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution	Hot Wtr Piping/Pump	100%			2048	**	4	\$1,800
Terminal Devices	Air Handler	90%			2034	**	1	\$13,600
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
	Fan Coil Unit/Heat	10%			2031	**	1	\$800
<b>Air Conditioning</b>								
Energy Source	Electricity	100%			2042	**	1	
Conversion Equipment	Ext Pkg Unit - Heating/Cooling	80%			2031	**	2	\$1,200
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof (2 Units)</i>								
	No Component	20%						
Terminal Devices	Air Handler/Cool/Ht	100%			2031	**	1	\$15,100
<b>Ventilation</b>								
Distribution	Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,600
Exhaust Fans	Roof	70%			2026	\$27,100	2	\$500
	Wall Unit	30%			2026	\$2,500	2	\$200
<b>Plumbing</b>								
H/C Water Piping	Brass/Copper	100%			2046	**	1	
Water Heater	Gas Fired	100%			2025	\$14,200	2	\$400
Sanitary Piping	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Sewage Ejector(s)	Electric	100%			2031	**	4	\$1,000
Fixtures	Generic	100%						
<b>Vertical Transport</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**

**Asset # : 4354**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport	Elevators							
	Hydraulic	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement To 3rd Floor</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression	Sprinkler							
	Generic	100%			2046	**	1-2	\$6,800

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MANHATTAN BEACH PARK BATHHOUSE  
**Address** : ORIENTAL BOULEVARD OCEAN AVE. TO MACKENZIE ST.  
**Borough** : BROOKLYN **Agency's Number** : B251-05  
**Program / Asset #** : PAR0114.005 / 608 **Yr Built/Renovated** : 1936 / 2001  
**Area Sq Ft** : 30,117 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 8760 **Lot** : 485 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$849,800	\$146,100
Interior Architecture	\$177,500	
Electrical	\$61,600	
Mechanical	\$63,200	
Site Pavements	\$73,500	
<b>Total</b>	<b>\$1,225,500</b>	<b>\$146,100</b>
Importance Code A	\$849,800	\$146,100
Importance Code B	\$302,300	
Importance Code C	\$73,500	
<b>Total</b>	<b>\$1,225,500</b>	<b>\$146,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$21,400			
Interior Architecture	\$31,700		\$100	\$100
Electrical	\$1,900		\$200	\$5,600
Mechanical	\$300	\$17,900	\$500	\$19,600
<b>Total</b>	<b>\$55,300</b>	<b>\$18,000</b>	<b>\$800</b>	<b>\$25,300</b>
Importance Code A	\$21,700	\$300	\$300	\$10,500
Importance Code B	\$23,300	\$17,700	\$400	\$14,800
Importance Code C	\$10,300		\$100	
<b>Total</b>	<b>\$55,300</b>	<b>\$18,000</b>	<b>\$800</b>	<b>\$25,300</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$4,200	LIFE	**	5	\$7,300	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Base Of Building At Perimeter</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Base Of Building At Perimeter</i>								
Concrete Masonry Unit	26%	Now	\$95,800	LIFE	**	5	\$4,700	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Restroom Entrances - Courtyard Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Restroom Entrances - Courtyard Wall</i>								
Masonry: Brick	60%	Now	\$108,000	LIFE	**	5	\$17,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Entrance And Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window And Bath House Openings</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Metal Coiling Doors	3%	Now	\$50,800	2048	**	5	\$1,400	1
<i>Bent/Warped Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : North Entrance</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Entrance</i>								
Metal Coiling Doors	2%			2045	**	5	\$1,800	
Slate Panels	1%	Now	\$15,600	LIFE	**	5	\$200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Window Sills</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Window Sills</i>								
Window Wall	3%	Now	\$43,000	2058	**	5	\$1,600	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : North Facade Entrance</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade Entrance</i>								
Windows								
Aluminum	100%			2050	**	5	\$1,300	
Parapets								
No Component	40%							
Not Accessible	60%							

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**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Built-Up (BUR)	10%	Now	\$47,600	2038	**			
<i>Blisters, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Canopy At North Entrance</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Canopy At North Entrance</i>								
Metal, Corrugated	35%			2033	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Interior Courtyard</i>								
<i>Explanation : Roof Above Changing Areas And Storage Sheds</i>								
Not Accessible	55%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Main Building</i>								
<i>Explanation : Flat Roof Inaccessible - Ladder Not Available. No Reported Issues.</i>								
<i>Substantial Repairs Made After Sandy</i>								
Soffits								
Cast in Place Concrete	100%	Now	\$504,600	LIFE	**	5	\$146,100	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Underside Of Canopy At North Entrance</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Canopy At North Entrance</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

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	63%	Now	\$43,500	LIFE	**	5	\$22,400	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Courtyard</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Courtyard</i>								
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Courtyard Area</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Courtyard Joints</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corridors</i>								
Ceramic Tile	17%	Now	\$13,700	2031	**	5	\$1,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Toilet And Shower Areas</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Toilet And Shower Areas</i>								
Vinyl Tile	5%	Now	\$7,100	2038	**	3	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office Area</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office Area</i>								
Not Accessible	15%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : East And West Wings</i>								
<i>Explanation : Offices Areas Leased By Seperate Agency</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	10%	Now	\$4,700	2031	**	5	\$300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Restrooms</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Restrooms</i>								
Ceramic Tile	5%			2037	**	5	\$300	
Concrete Masonry Unit	35%			LIFE	**	5	\$800	
Plaster	25%	Now	\$1,100	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Attendants Room</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Attendants Room</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Attendants Room</i>								
SGFT/Glazed Masonry	10%	Now	\$4,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Entrance To Toilet / Shower Areas From Courtyard</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Entrance To Toilet / Shower Areas From Courtyard</i>								
Not Accessible	15%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Offices Areas Leased By Seperate Agencies</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%	0-2	\$700	2041	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
Exposed Concrete	40%	Now	\$64,100	LIFE	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Concrete Beams At Outdoor Changing Stations</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Concrete Beams Over Outdoor Changing Stations</i>								
Exposed Struc: Steel	40%	Now	\$69,900	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Comfort Area, Office, Corridor, Toilet And Locker Room Areas</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Comfort Area, Office, Corridor, Toilet And Locker Room Areas</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Long Span Joists</i>								
Not Accessible	15%							
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Picket	100%			2048	**			
<b>Site Pavements</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

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

## On-Site Walkways

Cast in Place Concrete	100%	Now	\$73,500	2041	**			
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 45%**Location : South Side Of Building Proximate To Water And North Side Proximate To Parking**Tripping Hazard, Extent : Moderate, Area Affected : 100%**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	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2028	\$1,500	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : No Nameplate Ratings Available.*

## Raceway

Conduit	80%			2028	\$3,100	1		
Conduit	20%			2054	**	1		

## Panelboards

Fused Disc Sw	10%			2050	**	5	\$100	
Molded Case Bkrs	40%			2027	\$6,100	5	\$300	
Molded Case Bkrs	50%			2050	**	5	\$400	

## Wiring

Braided Cloth	20%	2-4	\$1,700	2053	**	1		
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*Insulation Aged, Extent : Severe, Area Affected : 100%**Location : Throughout The Building*

Thermoplastic	80%			2054	**	1		
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## Motor Controllers

Not Accessible	100%							
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*Other Observation, Extent : Light, Area Affected : 0%**Location :**Explanation : No Access To The Police Station*

## Ground

## Grounding Devices

Not Accessible	100%							
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*Other Observation, Extent : Light, Area Affected : 0%**Location :**Explanation : Located In The Pitt*

## 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.*

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	50%			2036	**	10	\$13,800	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Locker Room, Office</i>								
Fluorescent	20%			2023	\$13,500	10	\$5,500	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bathroom</i>								
Incandescent	30%			2023	\$48,100	2	\$200	
<b>Exterior Lighting</b>								
HID	100%			2036	**	10	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 6 Hid Light Fixtures Controlled By Timer Switch</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	20%			2038	**	1		
No Component	80%							
<b>Conversion Equipment</b>								
Furnace	5%			2036	**	1	\$700	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Life Guard Office</i>								
<i>Explanation : 1 Modine Heater</i>								
Furnace	15%			2023	\$10,200	1	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Boiler Room And Main Office</i>								
<i>Explanation : 2 Modine Heaters</i>								
No Component	80%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2036	**	1		
<b>Conversion Equipment</b>								
Window/Wall Unit	15%			2023	\$9,000	1		
No Component	85%							
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$1,700	
No Component	90%							
<b>Exhaust Fans</b>								
Roof	10%			2028	\$4,800	2	\$100	
No Component	90%							

**Plumbing**

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

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
H/C Water Piping	Galvanized Steel	100%			2033	**	1	
Water Heater	Gas Fired	100%			2021	\$17,600	2	\$400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Sanitary Piping	Cast Iron	100%	Now	\$63,200	LIFE	**	1	
<i>Corroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Under Ground Area</i>								
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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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MANHATTAN BEACH PARK COMFORT AND STORAGE  
**Address** : ORIENTAL BOULEVARD OCEAN AVE. TO MACKENZIE ST.  
**Borough** : BROOKLYN **Agency's Number** : B251-03A  
**Program / Asset #** : PAR0114.03A / 913 **Yr Built/Renovated** :  
**Area Sq Ft** : 400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8760 **Lot** : 485 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$15,200			
Interior Architecture	\$900			\$200
Electrical	\$400			\$600
Mechanical			\$100	\$1,300
<b>Total</b>	<b>\$16,600</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,100</b>
Importance Code A	\$15,200	\$100		\$900
Importance Code B	\$1,300			\$1,200
Importance Code C	\$100			
<b>Total</b>	<b>\$16,600</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,100</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK COMFORT AND STORAGE**

**Asset # : 913**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	\$800	LIFE	**	5	\$200	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Joint Between Building And Pavement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Base Of Building - Perimeter</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Base Of Building</i>								
Masonry: Brick	93%	0-2	\$13,000	LIFE	**	5	\$2,100	
<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : South East Corner</i>								
<i>Horizontal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Wall Vents</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : All Facades</i>								
<i>Explanation : Sealant Wearing Off</i>								
Masonry: Limestone	5%			LIFE	**	5	\$100	
Windows								
Aluminum	95%			2044	**	5	\$100	
Metal Louvers	5%			2031	**	10		
Roof								
Metal Panel	100%	4+	\$1,500	2033	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Vent Stacks Above Restrooms</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$700	
Quarry Tile	50%			2033	**	5	\$500	
Interior Walls								
Plaster	15%	4+	\$100	LIFE	**	5	\$100	
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Storage Room</i>								
SGFT/Glazed Masonry	85%			LIFE	**			
Ceilings								
Plaster	100%	Now	\$800	LIFE	**	5	\$400	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Room</i>								
Site Pavements								
On-Site Walkways								
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	Priority

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK COMFORT AND STORAGE**

**Asset # : 913**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Nameplate Ratings Available.</i>								
Raceway								
Conduit	100%			2038	**	1		
Panelboards								
Fused Disc Sw	50%			2036	**	5		
Molded Case Bkrs	50%			2036	**	5		
Wiring								
Thermoplastic	100%			2038	**	1		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Located In The Pitt.</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	50%			2023	\$400	10	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	50%	0-2	\$400	2038	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Men's Room</i>								
<i>Explanation : Inadequate Lighting Levels; T12 Lamps</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2038	**	1		
Conversion Equipment								
Furnace	100%			2023	\$900	1	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : One Unit</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$200	
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%			2026	\$1,700	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.

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK COMFORT AND STORAGE**

**Asset # : 913**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Water Heater							
	Electric	100%			2023	\$300	4	
	Sanitary Piping							
	Cast Iron	100%			LIFE	* *	1	
	Fixtures							
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MANHATTAN BEACH PARK CONCESSION BUILDING  
**Address** : ORIENTAL BOULEVARD OCEAN AVE. TO MACKENZIE ST.  
**Borough** : BROOKLYN **Agency's Number** : B251-02B  
**Program / Asset #** : PAR0114.02B / 609 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,678 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8760 **Lot** : 485 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$7,700		\$1,900	
Interior Architecture	\$3,000	\$2,000	\$2,000	
Electrical	\$100	\$100	\$100	\$100
Mechanical	\$900		\$200	
<b>Total</b>	<b>\$11,700</b>	<b>\$2,200</b>	<b>\$4,300</b>	<b>\$100</b>
Importance Code A	\$7,700		\$1,900	
Importance Code B	\$1,000	\$2,200	\$2,400	\$100
Importance Code C	\$3,000			
<b>Total</b>	<b>\$11,700</b>	<b>\$2,200</b>	<b>\$4,300</b>	<b>\$100</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK CONCESSION BUILDING**

**Asset # : 609**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$9,300	
Metal Coiling Doors	20%			2042	**	5	\$3,600	
Windows								
Aluminum	100%			2037	**	5	\$200	
Parapets								
Masonry: Brick	90%			LIFE	**	5-10	\$3,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Main Roof</i>						
		<i>Explanation : Covered With Roof Membrane</i>						
Metal Panel	10%			2049	**	5	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Parapet Coping</i>						
Roof								
Modified Bitumen	100%			2034	**	10	\$9,200	
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2042	**	5	\$4,100	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Covered With Washable Plastic Wall Cladding - PVC</i>						
Plaster	70%			LIFE	**	5-10	\$3,400	
SGFT/Glazed Masonry	15%			LIFE	**	10	\$400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Covered With Washable Plastic Wall Cladding - PVC</i>						
Ceilings								
AcousTileSusp.Lay-In	100%			2046	**	5	\$4,100	
<b>Site Enclosure</b>								
Fence/Gates								
Chain Link	100%			2049	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Belongs To The NYC Parks Department</i>						
<b>Site Pavements</b>								
On-Site Walkways								
Asphalt	100%			2042	**			
Parking/Driveway								
Asphalt	100%			2042	**			

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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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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**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK CONCESSION BUILDING**

**Asset # : 609**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	100%			2055	**	1		
Panelboards								
Fused Disc Sw	20%			2051	**	5		
Molded Case Bkrs	80%			2051	**	5	\$100	
Wiring								
Thermoplastic	100%			2055	**	1		
Lighting								
Interior Lighting								
LED	100%			2037	**			
Exterior Lighting								
HID	30%			2037	**	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2037	**	1	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways, Kitchen, Perimeter Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,400	
Exhaust Fans								
Roof	100%			2037	**	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	**	1		
Water Heater								
Gas Fired	100%			2024	\$1,600	2		
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY MEMORIAL PARK AMPHITHEATER  
**Address** : E 120 - E 124 MADISON AVENUE  
**Borough** : MANHATTAN **Agency's Number** : M058-02A  
**Program / Asset #** : PAR0047.02A / 907 **Yr Built/Renovated** : 2010 /  
**Area Sq Ft** : 11,250 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1719 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$68,000	
<b>Total</b>	<b>\$68,000</b>	
Importance Code A	\$68,000	
<b>Total</b>	<b>\$68,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$10,600	\$2,700
Interior Architecture		\$5,100		\$2,200
Electrical		\$400		
<b>Total</b>		<b>\$5,400</b>	<b>\$10,600</b>	<b>\$4,900</b>
Importance Code A		\$100	\$10,600	\$2,700
Importance Code B		\$5,300		\$2,200
Importance Code C				
<b>Total</b>		<b>\$5,400</b>	<b>\$10,600</b>	<b>\$4,900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK AMPHITHEATER**  
**Asset # : 907**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick Cavity	85%			LIFE	**	5	\$19,900	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Stucco Cement	8%			2043	**	5	\$4,700	
Window Wall	7%			2052	**	5	\$6,100	
<b>Windows</b>								
Aluminum	100%			2048	**	5	\$800	
<b>Parapets</b>								
Concrete Masonry Unit	90%			LIFE	**	5	\$10,900	
Metal Panel	10%			2052	**	5	\$4,200	
<b>Roof</b>								
Metal Panel	85%			2043	**	10	\$68,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roll Roofing	15%			2027	\$27,600	5	\$10,900	
<b>Interior</b>								
<b>Floors</b>								
Sheet Vinyl/Rubber	50%			2034	**	5	\$8,100	
Wood	50%			2061	**	5	\$10,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Stage</i>								
<i>Explanation : Plywood</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	70%			LIFE	**	5	\$3,500	
Concrete Masonry Unit	30%			LIFE	**	5	\$1,500	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	40%			2043	**	5	\$4,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Above Stage</i>								
<i>Explanation : Acoustic Clouds</i>								
Exposed Struc: Steel	10%			LIFE	**			
Metal Panel	50%			LIFE	**	5	\$6,800	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2056	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 225 Ampere Main Disconnect Switches</i>								

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



**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK AMPHITHEATER**  
**Asset # : 907**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Transformers								
Dry Type	100%			2046	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 30kva 480hv - 208/120lv</i>						
Raceway								
Conduit	100%			2056	**	1		
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5	\$300	
Wiring								
Thermoplastic	100%			2056	**	1		
Motor Controllers								
Locally Mounted	100%			2046	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	70%			2036	**	10	\$7,200	
Fluorescent	10%			2036	**	10	\$1,000	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	20%			2036	**	2	\$100	
Egress Lighting								
Emergency, Service	50%			2036	**	1		
Exit, LED	50%			2041	**	1		
Exterior Lighting								
Incandescent	100%			2036	**	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.  
**Address** : E 120-E 124 MADISON AVENUE  
**Borough** : MANHATTAN **Agency's Number** : M058-04A  
**Program / Asset #** : PAR0047.04A / 908 **Yr Built/Renovated** : 1971 /  
**Area Sq Ft** : 9,047 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1719 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,270,200	\$292,300
Interior Architecture	\$268,700	\$134,500
Mechanical	\$40,000	\$419,500
<b>Total</b>	<b>\$1,578,900</b>	<b>\$846,300</b>
Importance Code A	\$1,310,200	\$353,600
Importance Code B	\$159,700	\$406,300
Importance Code C	\$109,000	\$86,400
<b>Total</b>	<b>\$1,578,900</b>	<b>\$846,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$10,900		
Interior Architecture	\$70,600			
Electrical	\$30,000	\$39,100	\$200	\$200
Mechanical	\$29,300	\$7,900	\$1,400	\$400
<b>Total</b>	<b>\$129,900</b>	<b>\$57,900</b>	<b>\$1,500</b>	<b>\$500</b>
Importance Code A	\$300	\$11,300	\$600	\$300
Importance Code B	\$89,300	\$46,600	\$900	\$300
Importance Code C	\$40,400			
<b>Total</b>	<b>\$129,900</b>	<b>\$57,900</b>	<b>\$1,500</b>	<b>\$500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	30%	Now	\$123,500	LIFE	**	5	\$35,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 35%</i>								
<i>Location : Underside Of Overhang</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North And West Facades</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Expansion Joints</i>								
Masonry: Brick	65%	Now	\$143,200	LIFE	**	5	\$15,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Perimeter Walls And Bulkheads On Pool / Roof Deck</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Perimeter Walls And Bulkeheads On Roof Deck</i>								
Metal Panel	5%			2036	**	5-10	\$8,200	
Windows								
Aluminum	85%	Now	\$618,800	2051	**	5	\$7,200	
<i>Air Infiltration, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Weather Strip Missing, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Louvers	15%			2029	\$77,700	10	\$16,000	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	90%	Now	\$224,700	LIFE	**	5	\$178,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Perimeter Walls At Pool Deck</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Perimeter Walls At Pool Deck</i>								
Metal: Cage/Fence	10%			2031	**	5-10	\$14,900	
Roof								
Cast in Place Concrete	100%	Now	\$160,000	LIFE	**			1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Above Second Floor And Lockers</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Above Locker Rooms</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Above Locker Rooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Second Floor And Above Locker Rooms</i>								

Interior

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

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

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**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	80%	Now	\$20,700	LIFE	**	5	\$21,300	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	20%	Now	\$9,600	2029	\$48,100	5	\$1,200	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	55%	Now	\$109,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Locker Rooms And Toilets Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Locker Rooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Locker Rooms</i>								
Ceramic Tile	10%	Now	\$17,300	2029	\$86,400	5	\$1,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Female Showers</i>								
Concrete Masonry Unit	20%	Now	\$13,900	LIFE	**	5	\$2,500	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Female Showers</i>								
Masonry: Brick	15%	Now	\$9,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Concrete	100%	Now	\$159,700	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Stairwells, Locker Rooms And Second Floor Offices</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Stairwells, Locker Rooms And Second Floor Offices</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2026	\$1,500	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Ampere Main Disconnect Switches</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2026	\$24,900	5	\$200	
<b>Raceway</b>								
Conduit	100%			2026	\$3,800	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.

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	5%			2025	\$400	5		
Fused Toggle Switch	5%	2-4	\$400	2051	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Electrical Room</i>								
Molded Case Bkrs	90%			2025	\$6,900	5	\$200	
<b>Wiring</b>								
Braided Cloth	50%	2-4	\$4,200	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	50%			2026	\$4,200	1		
<b>Motor Controllers</b>								
Locally Mounted	90%	2-4	\$6,600	2046	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Locally Mounted	10%			2024	\$700	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$100	
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Service Entrance</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	50%			2021	\$10,100	10	\$4,100	
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	20%			2026	\$4,000	10	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	30%			2026	\$6,100	10	\$2,500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Room</i>								
<b>Egress Lighting</b>								
Exit, Service	100%			2026	\$2,500	1		
<b>Exterior Lighting</b>								
HID	70%			2021	\$24,400	10		
Incandescent	30%	Now	\$8,900	2036	**	2		
<i>Sensor/Timer Malfunction, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Facade</i>								

Alarm

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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**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

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

**Alarm**

Security System

No Component

Generic

50%

50%

2031

\*\*

1

\$1,700

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

*Location : Pool Area*

*Explanation : CCTV Only Outside By The Pool Area*

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

**Heating**

Energy Source

Natural Gas

100%

2036

\*\*

1

Conversion Equipment

Hot Water Boiler

60%

Now

\$40,000

2046

\*\*

1

\$2,400

*Not in Service, Extent : Severe, Area Affected : 100%*

*Location : Boiler Room*

Radiant Heater

40%

2026

\$61,300

2

\$1,700

Distribution

Hot Wtr Piping/Pump

100%

Now

\$13,500

2051

\*\*

4

\$400

*Not in Service, Extent : Severe, Area Affected : 100%*

*Location : Boiler Disconnected*

**Ventilation**

Distribution

Ductwork/Diffusers

100%

LIFE

\*\*

2-5

\$5,000

Exhaust Fans

Roof

100%

Now

\$14,400

2036

\*\*

2

\$200

*Not in Service, Extent : Severe, Area Affected : 100%*

*Location : No Mechanical Ventilation Available*

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

*Location : Fan House Next To Male And Female Locker Rooms*

*Explanation : Defective Exhaust Fan Motor (2), Defective Exhaust Fan Starter (2),*

*Defective Exhaust Fans (2)*

**Plumbing**

H/C Water Piping

Brass/Copper

100%

2026

\$64,500

1

Water Heater

Electric

100%

2021

\$7,600

4

\$100

Sanitary Piping

Cast Iron

100%

LIFE

\*\*

1

Storm Drain Piping

Cast Iron

100%

LIFE

\*\*

1

Sump Pump(s)

Non-Submersible

100%

2031

\*\*

4

\$200

Pool Filter/Treatment

Diatomaceous Earth

100%

2024

\$293,800

4

\$3,400

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846  
MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
Fixtures								
Generic	100%							

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

<b>Asset Name</b>	: MARCUS GARVEY MEMORIAL PARK OLYMPIC POOL		
<b>Address</b>	: E 120-E 124 MADISON AVENUE		
<b>Borough</b>	: MANHATTAN	<b>Agency's Number</b>	: M058-04
<b>Program / Asset #</b>	: PAR0047.004 / 906	<b>Yr Built/Renovated</b>	: 1971 /
<b>Area Sq Ft</b>	: 12,150	<b>Project Type</b>	: PARKS AND RECREATION
<b>Date of Survey</b>	: 04-Sep-2014	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	: Floors 1		
<b>Block</b>	: 1719	<b>Lot</b>	: 1
		<b>BIN</b>	:

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Electrical	\$46,800	
Mechanical		\$51,000
<b>Total</b>	<b>\$46,800</b>	<b>\$51,000</b>
Importance Code B	\$46,800	\$51,000
<b>Total</b>	<b>\$46,800</b>	<b>\$51,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Electrical				
<b>Total</b>				
Importance Code B				
<b>Total</b>				



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

**DEPT. OF PARKS & RECREATION - 846  
MARCUS GARVEY MEMORIAL PARK OLYMPIC POOL**

**Asset # : 906**

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

Interior

Floors

Steel Plate

100%

LIFE

\*\*

1

*Uneven Surface, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

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

*Location : Pool Floor*

*Explanation : Metal Appears To Be Aluminum*

Interior Walls

Metal Panel

100%

LIFE

\*\*

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

*Location : Pool Side Walls*

*Explanation : Metal Appears To Be Aluminum*

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

Under 600 Volts

Raceway

Not Accessible

100%

Wiring

Thermoplastic

100%

2026

\$8,300

1

Lighting

Exterior Lighting

HID

100%

2021

\$46,800

10

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

Plumbing

H/C Water Piping

Galvanized Steel

100%

2024

\$51,000

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER  
**Address** : E 120-E 124 MADISON AVENUE  
**Borough** : MANHATTAN **Agency's Number** : M058-02  
**Program / Asset #** : PAR0047.002 / 886 **Yr Built/Renovated** : 1969 /  
**Area Sq Ft** : 14,750 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1719 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$449,100	\$91,000
Electrical	\$155,900	\$185,900
Mechanical		\$200,800
<b>Total</b>	<b>\$605,000</b>	<b>\$477,800</b>
Importance Code A	\$449,100	\$91,000
Importance Code B	\$155,900	\$386,700
<b>Total</b>	<b>\$605,000</b>	<b>\$477,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$16,000		
Interior Architecture	\$40,200	\$1,700		
Electrical	\$22,800	\$22,800	\$800	\$1,100
Mechanical	\$1,600	\$2,500	\$3,100	\$1,600
<b>Total</b>	<b>\$64,700</b>	<b>\$43,000</b>	<b>\$3,900</b>	<b>\$2,700</b>
Importance Code A	\$800	\$16,800	\$800	\$700
Importance Code B	\$56,900	\$26,200	\$3,200	\$2,000
Importance Code C	\$7,000			
<b>Total</b>	<b>\$64,700</b>	<b>\$43,000</b>	<b>\$3,900</b>	<b>\$2,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER**  
**Asset # : 886**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick Cavity	75%			LIFE	**	5	\$25,700	
Metal Panel	20%			2036	**	5-10	\$47,100	
Window Wall	5%			2036	**	5	\$6,400	
<b>Windows</b>								
Steel	100%	Now	\$242,700	2051	**	5	\$28,500	
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Concrete Masonry Unit	80%			LIFE	**	5		
Metal Panel	20%			2046	**	5		
<b>Roof</b>								
Metal Panel	50%			2039	**	10	\$91,000	
Modified Bitumen	50%	Now	\$206,300	2031	**			
<i>Blisters, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Roof Drains Adjacent To Amphitheater</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Roof Penetration Near Access Hatch</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$4,800	
Ceramic Tile	10%			2035	**	5	\$2,200	
Quarry Tile	65%			2039	**	5	\$21,500	
Sheet Vinyl/Rubber	10%			2031	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Gymnasium</i>								
<i>Explanation : Built Up Rubber Flooring</i>								
Wood	5%	Now	\$1,900	2054	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$900	
Gypsum Board	30%			LIFE	**	5	\$7,700	
Masonry: Brick	45%			LIFE	**			
Plaster	20%	Now	\$7,000	LIFE	**	5	\$2,600	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Ends Of Beams Supporting Skylights - Typical 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.

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER**  
**Asset # : 886**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Concrete	10%	Now	\$3,600	LIFE	**	5	\$300	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Storage Room Behind Reception</i>								
Plaster	90%	Now	\$26,600	LIFE	**	5	\$12,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2026	\$4,900	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Ampere And 400 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2026	\$82,800	5	\$100	
<b>Raceway</b>								
Conduit	95%			2026	\$21,500	1		
Conduit	5%			2036	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2025	\$1,500	5		
Fused Toggle Switch	2%	2-4	\$600	2051	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Electrical Room</i>								
Molded Case Bkrs	63%			2025	\$19,200	5	\$200	
Molded Case Bkrs	10%			2034	**	5		
Molded Case Bkrs	20%			2034	**	5	\$100	
<b>Wiring</b>								
Braided Cloth	50%	2-4	\$12,400	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2026	\$7,400	1		
Thermoplastic	20%			2036	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2024	\$46,300	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								

**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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**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER**  
**Asset # : 886**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	20%			2021	\$6,600	10	\$2,700	
			<i>Other Observation, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Throughout The Building</i>					
			<i>Explanation : Using T-12 Lamps</i>					
Fluorescent	50%			2031	**	10	\$6,800	
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout The Building</i>					
			<i>Explanation : Using T-8 Lamps</i>					
Fluorescent	30%			2031	**	10	\$4,100	
			<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout The Building</i>					
<b>Egress Lighting</b>								
Emergency, Battery	50%			2031	**	10	\$1,800	
Exit, LED	50%			2054	**	1		
<b>Exterior Lighting</b>								
HID	100%			2026			\$56,900	10
<b>Alarm</b>								
Fire/Smoke Detection Generic, Analog	100%	Now	\$155,900	2036	**	1-3	\$8,300	
			<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	20%			2046	**	1		
Fuel Oil	40%			2046	**	5	\$1,800	
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : #2 Fuel Oil</i>					
Natural Gas	40%			2046	**	1		
<b>Conversion Equipment</b>								
Hot Water Boiler	95%			2031	**	1	\$6,900	
Radiant Heater	5%			2026		2	\$300	
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2034	**	4	\$700	
<b>Terminal Devices</b>								
Air Handler	80%			2026		1	\$7,300	
Fan Coil Unit/Heat	20%			2026		1	\$1,000	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2034	**	1		

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER**  
**Asset # : 886**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Conversion Equipment								
	Exterior Pkg Unit - Cooling	20%			2031	**	2	\$200
	Window/Wall Unit	20%			2024	\$5,900	1	
	No Component	60%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,200
Exhaust Fans								
	Not Accessible	100%						
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%			2039	**	1	
Water Heater								
	Electric	90%			2024	\$11,200	4	\$100
	No Component	10%						
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Not Accessible	100%						
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARINE PARK SALT MARSH NATURE CENTER  
**Address** : 3302 AVENUE U  
**Borough** : BROOKLYN **Agency's Number** : B057  
**Program / Asset #** : PAR0003.020 / 13401 **Yr Built/Renovated** : 2000 / 2000  
**Area Sq Ft** : 9,226 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8496 **Lot** : 1 **BIN** : 3242368

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$26,100		\$1,700	\$2,200
Interior Architecture	\$5,900			
Electrical	\$200	\$200	\$9,700	\$300
Mechanical	\$1,000	\$500	\$6,600	\$1,200
<b>Total</b>	<b>\$33,200</b>	<b>\$700</b>	<b>\$18,000</b>	<b>\$3,800</b>
Importance Code A	\$26,500	\$500	\$2,200	\$2,700
Importance Code B	\$5,000	\$300	\$15,800	\$1,100
Importance Code C	\$1,700			
<b>Total</b>	<b>\$33,200</b>	<b>\$700</b>	<b>\$18,000</b>	<b>\$3,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK SALT MARSH NATURE CENTER**

**Asset # : 13401**

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Exterior</b>									
<b>Exterior Walls</b>									
Masonry: Brick	70%			LIFE	**	5	\$12,700		
Masonry: Fieldstone	20%			LIFE	**	5	\$2,700		
Masonry: Granite	2%			LIFE	**	5	\$300		
Window Wall	5%			2047	**	5	\$3,400		
Wood	3%			2040	**	5	\$2,700		
<b>Windows</b>									
Aluminum	100%			2043	**	5	\$4,500		
<b>Roof</b>									
Metal Panel	90%	Now	\$24,700	2040	**				
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Over Literacy Room, Rotunda, Rangers Office</i>									
Not Accessible	10%								
<b>Interior</b>									
<b>Floors</b>									
Cast in Place Concrete	10%			LIFE	**	5	\$3,000		
Ceramic Tile	5%	0-2	\$700	2036	**	5	\$300		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Quarry Tile	65%			2044	**	5	\$13,500		
Terrazzo	10%			LIFE	**	5	\$1,100		
Wood	10%			2055	**	5	\$2,600		
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<b>Interior Walls</b>									
Ceramic Tile	5%	Now	\$500	2040	**	5	\$100		
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Mens Room</i>									
Concrete Masonry Unit	15%			LIFE	**	5	\$200		
Plaster	80%	0-2	\$1,200	LIFE	**	5	\$900		
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Reception Area</i>									
<b>Ceilings</b>									
AcousTileSusp.Lay-In	10%	Now	\$2,300	2040	**	5	\$700		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
Exposed Struc: Steel	10%			LIFE	**				
Exposed Struc: Wood	70%			LIFE	**				
Gypsum Board	10%			LIFE	**	5	\$1,700		
<b>Electrical</b>									
<b>Electrical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Under 600 Volts</b>									

*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.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK SALT MARSH NATURE CENTER**

**Asset # : 13401**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2047	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 400 Amperes Main Disconnect Switch</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2047	**	5	\$200	
Raceway								
Conduit	100%			2047	**	1		
Panelboards								
Molded Case Bkrs	100%			2043	**	5	\$200	
Wiring								
Thermoplastic	100%			2047	**	1		
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2032	**	10	\$8,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Incandescent	2%			2032	**	2		
Egress Lighting								
Emergency, Battery	50%			2032	**	10	\$1,100	
Exit, Service	50%			2032	**	1		
Exterior Lighting								
HID	100%			2032	**	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2032	**	1	\$700	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2032	**	1-3	\$1,200	

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



**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK SALT MARSH NATURE CENTER**

**Asset # : 13401**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Conversion Equipment								
	Hot Water Boiler	100%			2032	**	1	\$4,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
<hr/>								
Distribution								
	Hot Wtr Piping/Pump	100%			2035	**	4	\$500
<hr/>								
Terminal Devices								
	Unit Heater - Steam	100%			2027	\$31,500	4	\$800
<hr/>								
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2043	**	1	
<hr/>								
Conversion Equipment								
	Split Unit	30%			2032	**		
	No Component	70%						
<hr/>								
Terminal Devices								
	Fan Coil - 2 Pipe	30%			2032	**	1	\$900
	No Component	70%						
<hr/>								
Heat Rejection								
	Air Cooled Condenser Unit	30%			2032	**	2	\$1,900
	No Component	70%						
<hr/>								
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	30%			LIFE	**	2-5	\$1,500
	No Component	70%						
<hr/>								
Exhaust Fans								
	Interior	30%			2032	**	2	\$100
	No Component	70%						
<hr/>								
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%			2047	**	1	
<hr/>								
Water Heater								
	Gas Fired	100%			2022	\$5,400	2	\$100
<hr/>								
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
<hr/>								
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
<hr/>								
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARINE PARK GOLF COURSE CLUBHOUSE  
**Address** : 2880 FLATBUSH AVE  
**Borough** : BROOKLYN **Agency's Number** : B057  
**Program / Asset #** : PAR0003.030 / 14100 **Yr Built/Renovated** : 1939 / 2011  
**Area Sq Ft** : 11,414 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 8590 **Lot** : 600 **BIN** : 3840096

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$44,500	
Electrical	\$81,600	\$44,000
Mechanical		\$109,300
<b>Total</b>	<b>\$126,100</b>	<b>\$153,300</b>
Importance Code A	\$44,500	
Importance Code B	\$81,600	\$153,300
<b>Total</b>	<b>\$126,100</b>	<b>\$153,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$20,900		\$5,000	
Interior Architecture	\$5,200	\$2,200		\$2,500
Electrical	\$300	\$300	\$5,600	\$300
Mechanical	\$1,300	\$1,100	\$35,800	\$1,100
<b>Total</b>	<b>\$27,700</b>	<b>\$3,600</b>	<b>\$46,400</b>	<b>\$3,800</b>
Importance Code A	\$21,400	\$600	\$5,500	\$600
Importance Code B	\$6,200	\$2,500	\$40,900	\$3,300
Importance Code C		\$600		
<b>Total</b>	<b>\$27,700</b>	<b>\$3,600</b>	<b>\$46,400</b>	<b>\$3,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	85%	Now	\$44,500	LIFE	**	5	\$14,400	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Masonry: Granite	10%	Now	\$20,500	LIFE	**	5	\$1,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
Window Wall	5%			2047	**	5	\$3,200	
<b>Windows</b>								
Aluminum	65%			2052	**	5	\$1,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Aluminum	35%			2035	**	5	\$700	
<b>Roof</b>								
Modified Bitumen	15%			2032	**	10	\$2,700	
Slate	85%			LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 1%</i>								
<i>Location : Locker Rooms</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	45%	0-2	\$3,200	2026	\$64,600	3	\$7,400	
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	10%			LIFE	**	5	\$2,400	
Ceramic Tile	30%			2036	**	5	\$3,300	
Quarry Tile	15%			2040	**	5	\$2,500	
<b>Interior Walls</b>								
Ceramic Tile	5%			2036	**	5	\$1,200	
Glass: Single Pane	10%			LIFE	**	5	\$1,800	
Gypsum Board	35%			LIFE	**	5	\$5,000	
Plaster	50%			LIFE	**	5	\$3,500	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	15%			2040	**	5	\$1,400	
Gypsum Board	45%			LIFE	**	5	\$5,200	
Plaster	40%			LIFE	**	5	\$2,300	

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

Note : 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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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Over 600 Volts</b>								
Transformers								
	Dry Type	100%			2032	**	3	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 4160 Hv, 208/108 Lv Rated At 225 Kva</i>								
<hr/>								
Feeders								
	Cable	100%			2035	**	1	
<hr/>								
Raceway								
	Conduit	100%			2037	**	1	
<hr/>								
<b>Under 600 Volts</b>								
Service Equipment								
	Fused Disc Sw	50%			2037	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 600 Amperes Main Disconnect Switch For Irrigation System</i>								
	Fused Disc Sw	50%			2037	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 400 Amperes Main Disconnect Switch For Club House</i>								
<hr/>								
Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$33,000	5	\$300
<hr/>								
Raceway								
	Conduit	85%			2027	\$27,200	1	
	Conduit	15%			2047	**	1	
<hr/>								
Panelboards								
	Fused Disc Sw	10%			2026	\$1,500	5	
	Molded Case Bkrs	65%			2026	\$9,900	5	\$200
	Molded Case Bkrs	25%			2043	**	5	\$100
<hr/>								
Wiring								
	Thermoplastic	15%			2047	**	1	
	Thermoplastic	85%			2027	\$24,100	1	
<hr/>								
Motor Controllers								
	Locally Mounted	5%			2040	**	5	
	Locally Mounted	95%			2025	\$29,300	5	\$100
<hr/>								
<b>Ground</b>								
Grounding Devices								
	Not Accessible	100%						
<hr/>								
<b>Lighting</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	15%			2032	**	10	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	35%			2022	\$40,800	10	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	15%			2032	**	2		
Incandescent	35%			2022	\$40,800	2	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2027	\$7,900	10	\$1,400	
Exit, Service	50%			2027	\$800	1		
<b>Exterior Lighting</b>								
HID	100%			2027	\$44,000	10		
<b>Alarm</b>								
<b>Security System</b>								
No Component	80%							
Generic	20%			2032	**	1	\$900	
<b>Fire/Smoke Detection</b>								
No Component	80%							
Generic, Analog	20%			2032	**	1-3	\$1,500	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2037	**	1		
<b>Conversion Equipment</b>								
Furnace	100%			2027	\$25,700	1	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Side Yard</i>								
<i>Explanation : 2 Units.</i>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,400	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2043	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Conversion Equipment</b>								
	Ext Pkg Unit - Heating/Cooling	80%			2027	\$109,300	2	\$600
				<i>R-22 Refrigerant, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Side Yard</i>				
				<i>Other Observation, Extent : Light, Area Affected : 80%</i>				
				<i>Location : Side Yard</i>				
				<i>Explanation : 2 Units Providing Heating And Cooling</i>				
	Split Unit	20%			2032		**	
				<i>Other Observation, Extent : Light, Area Affected : 20%</i>				
				<i>Location : Side Yard</i>				
				<i>Explanation : 1 Unit. R-410a Refrigerant</i>				
<b>Terminal Devices</b>								
	Fan Coil - 2 Pipe	20%			2032		**	\$700
	No Component	80%						
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	20%			2032		**	\$1,600
	No Component	80%						
<b>Ventilation</b>								
<b>Exhaust Fans</b>								
	Roof	60%			2032		**	\$200
	Wall Unit	40%			2027	\$1,600	2	\$100
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2037		**	1
<b>Water Heater</b>								
	Gas Fired	100%			2022	\$6,700	2	\$200
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : First Floor, At Kitchen</i>				
				<i>Explanation : One 80 Gallon Unit</i>				
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE		**	1
<b>Fixtures</b>								
	Generic	100%						
<b>Fire Suppression</b>								
<b>Chemical System</b>								
	Generic	100%			2022	\$26,700	1-3	\$3,700
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Kitchen</i>				
				<i>Explanation : 1 Set</i>				

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MERCHANT'S HOUSE MUSEUM  
**Address** : 29 EAST 4TH STREET BTWN LAFAYETTE ST - BOWERY  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0176.000 / 4528 **Yr Built/Renovated** : 1832 / 2002  
**Area Sq Ft** : 6,885 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Jun-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors GR,1,2,3,4  
**Block** : 544 **Lot** : 71 **BIN** : 1008785

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$105,500	
Mechanical		\$159,900
<b>Total</b>	<b>\$105,500</b>	<b>\$159,900</b>
Importance Code A	\$105,500	
Importance Code B		\$159,900
<b>Total</b>	<b>\$105,500</b>	<b>\$159,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$51,500	\$4,100		
Interior Architecture	\$50,100		\$1,500	
Electrical	\$34,700	\$12,800	\$100	\$100
Mechanical	\$900	\$6,800	\$1,100	\$900
<b>Total</b>	<b>\$137,200</b>	<b>\$23,700</b>	<b>\$2,700</b>	<b>\$1,000</b>
Importance Code A	\$52,200	\$4,900	\$700	\$700
Importance Code B	\$67,500	\$18,800	\$2,000	\$300
Importance Code C	\$17,500			
<b>Total</b>	<b>\$137,200</b>	<b>\$23,700</b>	<b>\$2,700</b>	<b>\$1,000</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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## DEPT. OF PARKS &amp; RECREATION - 846

## MERCHANT'S HOUSE MUSEUM

Asset # : 4528

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast Iron	2%	Now	\$5,800	LIFE	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Stair Treads - Emergency Egress</i>								
Masonry: Brick	80%	Now	\$105,500	LIFE	**	5	\$15,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade Near Front Door</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : South Facade</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade At Roof</i>								
Masonry: Limestone	7%	Now	\$18,500	LIFE	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Entrance Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Stucco Cement	5%	Now	\$3,200	2031	**	5	\$1,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North And East Facades</i>								
Wood	6%			2031	**	5	\$5,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Yard</i>								
<i>Explanation : 2 Story Extension, Dormers</i>								
Windows								
Wood	100%	4+	\$12,700	2034	**	5	\$15,200	
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	45%	2-4	\$1,200	LIFE	**	5	\$200	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade Towards Street</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Facade</i>								
<i>Explanation : Short Wall</i>								
Slate	5%			LIFE	**	5		
Wood Cornice	50%			2036	**	5-10	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Street Facade</i>								
<i>Explanation : Cornice</i>								

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Estimates are rounded to the nearest hundred dollars.

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## DEPT. OF PARKS &amp; RECREATION - 846

## MERCHANT'S HOUSE MUSEUM

Asset # : 4528

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Slate	100%	Now	\$10,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : No Access This Visit - Prior Observation Above</i>								
Interior								
Floors								
Carpet	30%			2025	\$52,700	3	\$4,600	
Slate	5%			LIFE	**	5	\$500	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Old Kitchen, Various</i>								
<i>Explanation : Stone Slabs In Various Locations</i>								
Wood	65%	0-2	\$15,400	2041	**	5	\$6,300	
<i>Deflection Evident, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Ground Floor - Termite Damage</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 3rd Floor Offices</i>								
Interior Walls								
Gypsum Board	3%			LIFE	**	5	\$200	
Masonry: Brick	5%	Now	\$7,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Chimney</i>								
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement At Stair</i>								
Masonry: Fieldstone	10%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Basement</i>								
Plaster	72%	Now	\$9,700	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : First Floor, 2nd Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Ground Floor Corridor, 3rd And 4th Floor West Walls</i>								
Wood	10%			LIFE	**	5	\$3,600	
Ceilings								
Plaster	100%	Now	\$17,200	LIFE	**	5	\$6,600	
<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Second Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First, Third, Fourth Floor Ceilings</i>								

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**MERCHANT'S HOUSE MUSEUM**  
**Asset # : 4528**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2056	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 225 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2026	\$4,200	1		
<hr/>								
Panelboards								
Molded Case Bkrs	50%			2025	\$4,200	5	\$100	
Molded Case Bkrs	50%			2034	**	5	\$100	
<hr/>								
Wiring								
Thermoplastic	50%			2026	\$4,500	1		
Thermoplastic	50%			2036	**	1		
<hr/>								
Motor Controllers								
Locally Mounted	100%			2024	\$8,000	5		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%	0-2	\$10,600	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2021	\$3,400	10	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
<hr/>								
Incandescent	20%			2021	\$8,000	2		
Incandescent	60%	2-4	\$24,000	2036	**	2	\$100	
<i>Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Alarm</b>								
Security System								
No Component	80%							
Generic	20%			2031	**	1	\$500	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2046	**	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**MERCHANT'S HOUSE MUSEUM**  
**Asset # : 4528**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Steam Boiler	100%			2039	**	1	\$6,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - Gas Fired Steam Boiler</i>								
Distribution Central Plant Steam Piping/Pmp	100%			2026	\$121,500	4	\$300	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terminal Devices Convactor/Radiator	100%			2024	\$38,400	1	\$2,200	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Air Conditioning</b>								
Energy Source Electricity	20%			2042	**	1		
No Component	80%							
Conversion Equipment Interior Pkg Unit - Cooling	10%			2027	\$26,800	2		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Director's Office</i>								
<i>Explanation : 1 Package Terminal Air Conditioner</i>								
Window/Wall Unit No Component	10%			2021	\$1,500	1		
No Component	80%							
<b>Plumbing</b>								
Water Heater Gas Fired	100%			2021	\$4,400	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1- 40 Gallon Unit</i>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of Pitched Roof</i>								
<i>Explanation : Aluminum Leaders And Gutters Observed</i>								
<b>Fixtures</b>								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORRIS-JUMEL MANSION  
**Address** : 65 JUMEL TERRACE BTWN: WEST 160 ST. - WEST 162 ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0177.000 / 4529 **Yr Built/Renovated** : 1765 / 1994  
**Area Sq Ft** : 10,387 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Feb-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,3  
**Block** : 2109 **Lot** : 106 **BIN** : 1084189

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$59,500	\$99,500
Interior Architecture		\$493,100
Electrical	\$36,200	
<b>Total</b>	<b>\$95,700</b>	<b>\$592,600</b>
Importance Code A	\$59,500	\$99,500
Importance Code B	\$36,200	\$493,100
<b>Total</b>	<b>\$95,700</b>	<b>\$592,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$56,300	\$1,200		
Interior Architecture	\$900		\$1,200	
Electrical	\$3,400	\$1,300	\$400	\$300
Mechanical	\$3,100	\$3,800	\$1,700	\$1,500
<b>Total</b>	<b>\$63,600</b>	<b>\$6,200</b>	<b>\$3,200</b>	<b>\$1,800</b>
Importance Code A	\$57,300	\$2,200	\$1,000	\$1,000
Importance Code B	\$6,300	\$4,000	\$2,200	\$800
Importance Code C				
<b>Total</b>	<b>\$63,600</b>	<b>\$6,200</b>	<b>\$3,200</b>	<b>\$1,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**MORRIS-JUMEL MANSION**  
**Asset # : 4529**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	\$3,200	LIFE	**	5	\$900	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Chimneys</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Chimneys</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Chimneys</i>								
Masonry: Sandstone	5%	Now	\$9,000	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northeast Corner Foundation</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northeast Corner Foundation</i>								
Stucco Cement	5%			2031	**	5	\$2,400	
Wood	85%	0-2	\$59,500	2031	**	5	\$40,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$18,800	2034	**	5	\$11,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Wood Rail	100%	Now	\$25,300	2031	**	5	\$8,900	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Hyphens</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Hyphens</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	30%			2026	\$59,300	10	\$3,900	
Wood Shingles	70%			2035	**	10	\$3,100	
Interior								
Floors								
Carpet	15%			2025	\$33,100	3	\$3,500	
Cast in Place Concrete	10%			LIFE	**	5	\$3,400	
Panel/Paver: Cer/Brk	5%			2025	\$50,900	5	\$1,700	
Panel/Paver: Bluestone	3%			LIFE	**	5	\$400	
Terrazzo	5%			LIFE	**	5	\$600	
Wood	62%			2029	\$442,300	5	\$18,100	

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

## DEPT. OF PARKS &amp; RECREATION - 846

## MORRIS-JUMEL MANSION

Asset # : 4529

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

## Interior

## Interior Walls

Masonry: Fieldstone	10%			LIFE	**			
Plaster	73%			LIFE	**	5	\$1,500	
SGFT/Glazed Masonry	2%			LIFE	**			
Wood	15%			LIFE	**	5	\$4,000	

## Ceilings

Exposed Struc: Wood	5%			LIFE	**			
Plaster	95%			LIFE	**	5	\$9,200	

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2046	**	5		
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Electric Service Closet**Explanation : One 400 Ampere Switch*

## Raceway

Conduit	50%			2026	\$2,100	1		
Conduit	50%			2046	**	1		

## Panelboards

Fused Disc Sw	5%			2042	**	5		
Molded Case Bkrs	95%			2042	**	5	\$300	

## Wiring

Braided Cloth	35%	2-4	\$3,200	2051	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%**Location : Throughout*

Thermoplastic	65%			2046	**	1		
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## Motor Controllers

Locally Mounted	100%			2039	**	5	\$100	
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## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$200	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : Water Main*

## Lighting

## Interior Lighting

Fluorescent	10%			2031	**	10	\$1,000	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : T-8 Lamps*

Incandescent	60%			2021	\$36,200	2	\$100	
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Incandescent	30%			2031	**	2	\$100	
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**MORRIS-JUMEL MANSION**  
**Asset # : 4529**

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

## Lighting

## Exterior Lighting

HID	100%			2031	**	10		
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## Alarm

## Security System

No Component	70%							
Generic	30%			2034	**	1	\$1,200	

## Fire/Smoke Detection

No Component	80%							
Generic, Analog	20%			2031	**	1-3	\$1,300	

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

## Heating

## Energy Source

Natural Gas	100%			2052	**	1		
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## Conversion Equipment

Steam Boiler	100%			2043	**	1	\$10,300	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 1 Boiler*

## Distribution

Central Plant Steam Piping/Pmp	100%			2036	**	4	\$800	
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## Terminal Devices

Convactor/Radiator	100%			2031	**	1	\$3,400	
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## Air Conditioning

## Energy Source

Electricity	100%			2048	**	1		
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## Conversion Equipment

Window/Wall Unit	10%	Now	\$700	2021	\$2,300	1		
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*Malfunctioning, Extent : Moderate, Area Affected : 50%**Location : One Of Three, 3rd Floor Units*

No Component	90%							
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## Plumbing

## H/C Water Piping

Brass/Copper	60%			2052	**	1		
Galvanized Steel	40%			2031	**	1		

## Water Heater

Gas Fired	100%			2026	\$6,600	2	\$200	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 1- 30 Gallon Unit*

## Sanitary Piping

Cast Iron	100%			LIFE	**	1		
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPT. OF PARKS & RECREATION - 846**  
**MORRIS-JUMEL MANSION**  
**Asset # : 4529**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sump Pump(s)							
	Submersible	100%			2020	\$400	4	\$300
	Backflow Preventer							
	Generic	100%			2031	* *	1	\$600
	Fixtures							
	Generic	100%						
			<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Various</i>					
Fire Suppression								
	Sprinkler							
	No Component	50%						
	Generic	50%			2046	* *	1-2	\$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.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK  
 Address : 1904 SURF AVE. @ W.17 ST  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : PAR0185.000 / 13882 Yr Built/Renovated :  
 Area Sq Ft : 90,915 Project Type : PARKS AND RECREATION  
 Date of Survey : 08-Jun-2015 Landmark Status : NONE  
 Areas Surveyed : Roof, Floors 1,2,3,4  
 Block : 7072 Lot : 1 BIN : 3189656

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$126,200	\$250,500
Interior Architecture	\$89,400	\$148,800
Electrical	\$66,700	\$167,600
Mechanical	\$419,600	\$1,996,500
<b>Total</b>	<b>\$701,900</b>	<b>\$2,563,400</b>
Importance Code A	\$228,500	\$455,200
Importance Code B	\$473,400	\$2,108,200
<b>Total</b>	<b>\$701,900</b>	<b>\$2,563,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$42,000		\$500	
Interior Architecture	\$54,000	\$17,000		\$17,000
Electrical	\$52,100	\$13,200	\$12,600	\$10,600
Mechanical	\$9,100	\$22,300	\$60,000	\$10,400
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$169,000</b>	<b>\$64,400</b>	<b>\$85,000</b>	<b>\$49,900</b>
Importance Code A	\$42,000	\$4,700	\$5,000	\$4,500
Importance Code B	\$126,400	\$59,700	\$79,900	\$45,400
Importance Code C	\$600			
<b>Total</b>	<b>\$169,000</b>	<b>\$64,400</b>	<b>\$85,000</b>	<b>\$49,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	30%			LIFE	**	5	\$22,800	
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Fiberglass Panel	5%			2035	**	5	\$22,800	
Metal/Glass Curt Wall	3%	Now	\$11,800	LIFE	**	5	\$6,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Street Side First Floor Souvenir Shop</i>								
<i>Water Penetration, Extent : Light, Area Affected : 50%</i>								
<i>Location : 3rd And 4th Floor Suites.</i>								
Metal/Glass Curt Wall	27%			LIFE	**	5	\$61,500	
Metal Panel	30%			2046	**	5-10	\$250,500	
Metal Sect. OHD	5%	0-2	\$9,700	2031	**	5	\$9,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Staining And Dents</i>								
<b>Windows</b>								
Aluminum	100%			2042	**	5	\$1,000	
<b>Parapets</b>								
Concrete Masonry Unit	20%			LIFE	**	5		
Metal/Glass Curt Wall	5%			2046	**	5		
Metal Rail	75%			2039	**	5-10		
<b>Roof</b>								
Cast in Place Concrete	70%	Now	\$57,900	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations Around Second Floor Concession Stands</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Space Under Main Exterior Stair.</i>								
Metal Panel	5%			2039	**	10	\$10,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Storage Building Behind Outfield</i>								
<i>Explanation : Detached Building On Property</i>								
Traffic Topping	25%	0-2	\$9,100	2031	**			
<i>Blisters, Extent : Light, Area Affected : 10%</i>								
<i>Location : Over 4th Floor Suites And 2nd Floor Concession Stands</i>								

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Carpet	25%	4+	\$44,300	2025	\$443,200	3	\$51,000	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Carpet Tile</i>								
Cast in Place Concrete	50%			LIFE	**	5	\$148,800	
<i>Paint Peeling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Loading Area Adjacent To Restaurant.</i>								
Ceramic Tile	5%			2035	**	5	\$6,800	
Traffic Topping	20%			2031	**	5	\$34,000	
<b>Interior Walls</b>								
Ceramic Tile	5%			2035	**	5	\$1,300	
Concrete Masonry Unit	70%			LIFE	**	5	\$7,100	
Gypsum Board	25%			LIFE	**	5	\$3,800	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	25%	Now	\$5,600	2031	**	5	\$17,000	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Restaurant Kitchen.</i>								
Exposed Concrete	40%	Now	\$89,400	LIFE	**	5	\$8,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : A T S Room, Space Under Stadium Seating.</i>								
Exposed Concrete	25%			LIFE	**	5	\$5,300	
Exposed Struc: Steel	10%			LIFE	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Service Room 182 C</i>								
<i>Explanation : 2-2000 Amp</i>								
Transformers								
Dry Type	100%			2039	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2(112.5 Kva); 2(25 Kva)</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	90%			2046	**	5	\$400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Electrical Room 182</i>							
	<i>Explanation : 2(2000 Amp.)</i>							
Molded Case Bkrs	10%			2046	**	5	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Electrical Room 182</i>							
	<i>Explanation : Emergency Distribution Switchgear.</i>							
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Molded Case Bkrs	100%			2042	**	5	\$2,400	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,300	
Stand-by Power								
Transfer Switches								
Automatic	90%			2039	**	1	\$25,200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : 600 Amp.</i>							
Automatic	10%			2039	**	1	\$2,800	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Mechanical Room</i>							
	<i>Explanation : 30 HP For Fire Pump</i>							
Generators								
Diesel	100%	Now	\$14,900	2029	\$74,700	1	\$31,700	
	<i>Suspect Water Damage, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Exterior</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Exterior</i>							
	<i>Explanation : 350 Kilowatts, Controls Inoperable</i>							
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$3,400	
Fuel Storage								
Day Tank	100%	Now	\$6,700	2051	**	5	\$8,400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Exterior</i>							
	<i>Explanation : 250 Gallons, Tank Leaks</i>							
Lighting								

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**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	80%			2031	**	10	\$66,700	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 25%</i>								
<i>Location : In Main Lobby</i>								
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
HID	10%			2031	**	10	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Main Store</i>								
<i>Explanation : Low Bay Lighting</i>								
Incandescent	10%			2026	\$92,900	2	\$200	
<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : In Suites</i>								
<b>Egress Lighting</b>								
Emergency, Service	30%			2031	**	1		
Exit, LED	60%			2054	**	1		
Exit, Service	10%			2031	**	1		
<b>Exterior Lighting</b>								
Fluorescent	20%			2031	**	10	\$1,700	
HID	60%			2031	**	10	\$200	
LED	10%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parking Lot</i>								
<i>Explanation : In Parking Lot</i>								
LED	10%	2-4	\$20,100	2036	**			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Field Lighting</i>								
<i>Explanation : LED Light Fixtures Fail Due To Exposure To Airborne Salt Water</i>								
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							
Generic	50%			2031	**	1	\$17,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Fixed Cameras</i>								
<b>Fire/Smoke Detection</b>								
No Component	50%							
Generic, Digital	50%			2031	**	1-3	\$28,000	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	85%			2046	**	1		
Natural Gas	15%			2046	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Furnace	100%	Now	\$102,300	2026	\$204,700	1	\$40,500	
<i>Broken, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 3rd Floor Roof Motor To Be Replaced</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Rooftop Gas Fired Heating And Cooling Unit/ 5 Interior Ceiling Mounted Electric Heating And Cooling Units</i>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$50,700	
Terminal Devices Fan Coil Unit/Heat	10%	2-4	\$39,000	2031	**	1	\$2,600	
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Concession Area</i>								
<i>Explanation : Electric Unit Heaters Located In Each Concession Area Are In Poor Condition</i>								
No Component	90%							
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2034	**	1		
Conversion Equipment Int Pkg Unit - Heating/Cooling Split Unit	85%			2024	\$1,571,000	2	\$4,700	
	15%			2021	\$278,300			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof And Loading Dock</i>								
<i>Explanation : Units Over 15 Years Old</i>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2	\$118,300	
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$50,700	
Exhaust Fans Roof	100%			2026	\$144,300	2	\$2,800	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2046	**	1		
Water Heater Electric	100%			2024	\$76,600	4	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 - 1,000 Gallon, 1 - 200 Gallon, 5 - 50 Gallon, 1 - 6 Gallon</i>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
	Sump Pump(s) Non-Submersible	100%		2026	\$13,300	4	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dugouts And Tunnels</i>								
<i>Explanation : 4 Units</i>								
	Backflow Preventer Generic	100%		2031	**	1	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Fire And Domestic</i>								
	Fixtures Generic	100%						
Vertical Transport								
	Elevators Hydraulic	100%		LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : (2) Ground To 4th Floor, (1) Ground To 2nd Floor</i>								
<i>Explanation : 2 Passenger, 1 Freight</i>								
Fire Suppression								
	Standpipe Generic	100%		2046	**	1-5	\$45,800	
	Sprinkler Generic	100%		2046	**	1-2	\$25,500	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Concession And Restaurant Kitchens</i>								
<i>Explanation : System</i>								
	Fire Pump Generic	100%		2035	**	1	\$17,000	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY  
**Address** : 625 FATHER CAPODANNO BLVD.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0203.010 / 14771 **Yr Built/Renovated** : 2015 / 2015  
**Area Sq Ft** : 134,904 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Aug-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3  
**Block** : 3355 **Lot** : 70 **BIN** : 5159404

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,028,200	\$1,195,300
Interior Architecture	\$113,600	\$237,400
Electrical		\$121,300
Mechanical		\$78,600
<b>Total</b>	<b>\$1,141,700</b>	<b>\$1,632,600</b>
Importance Code A	\$1,028,200	\$1,195,300
Importance Code B	\$113,600	\$401,800
Importance Code C		\$35,500
<b>Total</b>	<b>\$1,141,700</b>	<b>\$1,632,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$18,900		\$31,400	\$38,000
Interior Architecture	\$4,000			
Electrical	\$24,500	\$22,000	\$30,000	\$28,000
Mechanical	\$14,500	\$23,400	\$22,400	\$42,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$69,800</b>	<b>\$53,300</b>	<b>\$91,700</b>	<b>\$116,800</b>
Importance Code A	\$23,500	\$8,400	\$36,100	\$48,200
Importance Code B	\$42,200	\$44,800	\$55,600	\$68,600
Importance Code C	\$4,000			
<b>Total</b>	<b>\$69,800</b>	<b>\$53,300</b>	<b>\$91,700</b>	<b>\$116,800</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**

**Asset # : 14771**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	4%	Now	\$11,000	LIFE	**	5	\$47,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above Loading Dock From Balcony Above</i>								
Metal/Glass Curt Wall	8%			LIFE	**	5	\$35,900	
Metal Panel	78%			2053	**	5-10	\$1,283,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 3-inch Insulated Panels</i>								
Weathering Steel	3%			LIFE	**	1		
Window Wall	7%			2053	**	5	\$62,900	
Windows								
Aluminum	100%			2052	**	5	\$62,800	
Parapets								
Metal Panel	15%			2053	**	5	\$13,100	
Metal Rail	85%			2044	**	5-10	\$346,000	
Roof								
Built-Up (BUR)	10%	0-2	\$7,800	2035	**			
<i>Drains Clogged, Extent : Light, Area Affected : 15%</i>								
<i>Location : Lower Mechanical Roof</i>								
Metal Panel	80%			2044	**	10	\$415,300	
Skylight, Metal/Glass	10%			2053	**	10	\$94,400	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$88,300	
Sheet Vinyl/Rubber	70%			2035	**	5	\$212,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Track And Warm Up Areas</i>								
<i>Explanation : Custom Athletic Surface</i>								
Sheet Vinyl/Rubber	5%			2035	**	5	\$15,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Gymnasium Area</i>								
<i>Explanation : Thick Rubber Tiles</i>								
Terrazzo	5%			LIFE	**	5	\$7,900	
Interior Walls								
Ceramic Tile	3%			2040	**	5	\$8,100	
Glass: Single Pane	5%			LIFE	**	5	\$10,100	
Gypsum Board	22%			LIFE	**	5	\$35,500	
Metal Panel	70%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	9%			2044	**	5	\$25,800	
Exposed Concrete	15%			LIFE	**	5	\$6,700	
Exposed Struc: Steel	70%			LIFE	**			
Gypsum Board	6%			LIFE	**	5	\$21,500	

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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**

**Asset # : 14771**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2053	**	5	\$3,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated At 2000 Amperes.</i>						
Transformers								
Dry Type	100%			2044	**	5	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : 3- 112.5 Kva, 480/208/120 Volts</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	**	5	\$3,600	
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Fused Disc Sw	5%			2049	**	5	\$200	
Molded Case Bkrs	95%			2049	**	5	\$3,400	
Wiring								
Thermoplastic	100%			2053	**	1		
Motor Controllers								
Locally Mounted	50%			2044	**	5	\$500	
Variable Frequency Drive	50%			2044	**			
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,000	
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2044	**	1	\$41,500	
Generators								
Diesel	100%			2040	**	1	\$52,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : Emergency Generator Rated At 515 Kilowatts</i>						
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$5,000	
Fuel Storage								
Main Tank	100%			2062	**	5	\$4,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Generator/ Belly Tank</i>						
		<i>Explanation : 250 Gallons Rated Capacity</i>						

**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.*

**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**  
**Asset # : 14771**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	88%			2035	**	10	\$108,900	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	2%			2035	**	10	\$2,500	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
Fluorescent	8%			2035	**	10	\$9,900	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parking Lot</i>								
HID	2%			2035	**	10	\$100	
<b>Egress Lighting</b>								
Emergency, Service	48%			2035	**	1		
Emergency, Battery	2%			2035	**	10	\$700	
Exit, LED	50%			2062	**	1		
<b>Lightning Protection</b>								
Arresters/Cabbling								
Generic	100%			2062	**	5	\$4,000	
<b>Alarm</b>								
Security System								
Generic	100%			2035	**	1	\$50,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : CCTV Surveillance Camera System</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2035	**	1-3	\$85,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Horns And Smoke Detectors</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	5%			2053	**	1		
Natural Gas	95%			2053	**	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**

**Asset # : 14771**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment								
Furnace	60%			2035	**	1	\$40,000	
	<i>Other Observation, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 3 Roof Top Package Units</i>							
Hot Water Boiler	10%			2044	**	1	\$6,700	
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : 3rd Floor Mechanical Room</i>							
	<i>Explanation : 2 Units</i>							
Radiant Heater	5%			2035	**	2	\$3,100	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Stairwells</i>							
	<i>Explanation : Electric Units</i>							
Radiant Heater	25%			2035	**	2	\$15,600	
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Arena Ceiling</i>							
	<i>Explanation : Gas Fired Units</i>							
<b>Distribution</b>								
Hot Wtr Piping/Pump	10%			2049	**	4	\$1,000	
No Component	90%							
<b>Terminal Devices</b>								
Convactor/Radiator	10%			2044	**	1	\$4,400	
No Component	90%							
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2049	**	1		
<b>Conversion Equipment</b>								
Reciprocating Compr/Chiller	10%			2035	**	1	\$6,300	
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : 3rd Floor Mechanical Room</i>							
	<i>Explanation : 6 Units. R-410a</i>							
Ext Pkg Unit - Heating/Cooling	80%			2035	**	2	\$6,600	
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 3 Roof Top Package Units</i>							
No Component	10%							
<b>Distribution</b>								
CW & CHW Wtr Pipe/Pump	10%			2053	**	4	\$1,000	
No Component	90%							
<b>Terminal Devices</b>								
Air Handler/Dir Expansion	10%			2035	**	1		
No Component	90%							

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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**  
**Asset # : 14771**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Heat Rejection</b>								
	Water Cooling Tower	10%			2031	**	2	\$13,600
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 1 Unit</i>					
	No Component	90%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$75,200
<b>Exhaust Fans</b>								
	Interior	10%			2035	**	2	\$400
	Roof	90%			2035	**	2	\$3,700
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2053	**	1	
<b>Water Heater</b>								
	Gas Fired	100%			2026	\$78,600	2	\$2,000
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3rd Floor Mechanical Room</i>					
			<i>Explanation : 2 Units</i>					
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Backflow Preventer</b>								
	Generic	100%			2035	**	1	\$8,300
<b>Fixtures</b>								
	Generic	100%						
<b>Vertical Transport</b>								
<b>Elevators</b>								
	Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : (1) Ground To 4th Floor, (1) Freight - Ground To 1st Floor</i>					
			<i>Explanation : 2 Units</i>					
<b>Fire Suppression</b>								
<b>Standpipe</b>								
	Generic	100%			2053	**	1-5	\$70,500
<b>Sprinkler</b>								
	Generic	100%			2053	**	1-2	\$37,800

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : OCEAN BREEZE PARK INDOOR HORSE RIDING ARENA  
**Address** : 621 FATHER CAPODANNO BLVD.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0203.020 / 14795 **Yr Built/Renovated** : 2015 /  
**Area Sq Ft** : 10,431 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Aug-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 3355 **Lot** : 1 **BIN** : 5151793

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$73,400	\$64,000
<b>Total</b>	<b>\$73,400</b>	<b>\$64,000</b>
Importance Code A	\$73,400	\$64,000
<b>Total</b>	<b>\$73,400</b>	<b>\$64,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				\$800
Interior Architecture				
Electrical	\$1,200	\$1,000	\$1,000	\$1,200
Mechanical	\$600	\$1,000	\$1,400	\$1,000
<b>Total</b>	<b>\$1,700</b>	<b>\$2,000</b>	<b>\$2,400</b>	<b>\$2,900</b>
Importance Code A	\$200	\$200	\$200	\$900
Importance Code B	\$1,600	\$1,800	\$2,200	\$2,000
Importance Code C				
<b>Total</b>	<b>\$1,700</b>	<b>\$2,000</b>	<b>\$2,400</b>	<b>\$2,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR HORSE RIDING ARENA**

**Asset # : 14795**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$10,000	
Metal Panel	73%			2053	**	5-10	\$100,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 3-inch Insulated Panels</i>								
Metal Sect. OHD	15%			2044	**	5	\$9,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Facade</i>								
<i>Explanation : Hydraulic Bi-fold Doors</i>								
Window Wall	2%			2053	**	5	\$1,500	
<b>Windows</b>								
Aluminum	100%			2049	**	5	\$7,400	
<b>Roof</b>								
Metal Panel	100%			2044	**	10	\$64,000	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$34,200	
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$400	
Gypsum Board	15%			LIFE	**	5	\$1,900	
Metal Panel	70%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Walls</i>								
<i>Explanation : Interior Face Of Insulated Panel System</i>								
Metal: Cage/Fence	2%			LIFE	**			
Wood	8%			LIFE	**	5	\$6,600	
<b>Ceilings</b>								
Exposed Concrete	50%			LIFE	**	5	\$1,200	
Exposed Struc: Steel	50%			LIFE	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2053	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 200 Amperes.</i>								
<b>Raceway</b>								
Conduit	100%			2053	**	1		
<b>Panelboards</b>								
Fused Disc Sw	10%			2049	**	5		
Molded Case Bkrs	90%			2049	**	5	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR HORSE RIDING ARENA**

**Asset # : 14795**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Connected To Metal Water Pipe</i>								
Lighting								
Interior Lighting								
Fluorescent	60%			2035	**	10	\$5,700	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
Fluorescent	40%			2035	**	10	\$3,800	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parking Lot</i>								
Egress Lighting								
Emergency, Battery	50%			2035	**	10	\$1,300	
Exit, Service	50%			2035	**	1		
Exterior Lighting								
Fluorescent	20%			2035	**	10	\$200	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Eaves / Outside</i>								
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	**	1	\$3,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : CCTV Surveillance Camera System</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2035	**	1-3	\$6,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells And Smoke Detectors</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2053	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR HORSE RIDING ARENA**

**Asset # : 14795**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment								
	Hot Water Boiler	30%		2044	**	1	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 1 Unit</i>								
	No Component	70%						
<b>Distribution</b>								
	Hot Wtr Piping/Pump	30%		2049	**	4	\$200	
	No Component	70%						
<b>Terminal Devices</b>								
	Convactor/Radiator	30%		2044	**	1	\$1,000	
	No Component	70%						
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%		2049	**	1		
Conversion Equipment								
	Split Unit	10%		2035	**			
<i>R-134a Refrigerant, Extent : Light, Area Affected : 10%</i>								
<i>Location : Office</i>								
	No Component	90%						
<b>Terminal Devices</b>								
	Fan Coil - 2 Pipe	10%		2035	**	1	\$300	
	No Component	90%						
<b>Heat Rejection</b>								
	Evaporative Condenser	10%		2035	**	2	\$700	
	No Component	90%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	10%		LIFE	**	2-5	\$600	
	Ductwork/Diffusers	90%		LIFE	**	2-5	\$5,200	
Exhaust Fans								
	Wall Unit	100%		2035	**	2	\$300	
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%		2053	**	1		
Water Heater								
	Gas Fired	100%		2026	\$6,100	2	\$200	
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
Backflow Preventer								
	Generic	100%		2035	**	1	\$600	
Fixtures								
	Generic	100%						
<b>Fire Suppression</b>								
Sprinkler								
	Generic	100%		2053	**	1-2	\$2,900	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : OLD STONE HOUSE (REPLICA)  
**Address** : FIFTH AVENUE AT THIRD STREET WASHINGTON PARK  
**Borough** : BROOKLYN Agency's Number : N/A  
**Program / Asset #** : PAR0179.000 / 4531 Yr Built/Renovated : 1930 / 1992  
**Area Sq Ft** : 3,004 Project Type : PARKS AND RECREATION  
**Date of Survey** : 30-Jul-2015 Landmark Status : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 981 Lot : 1 BIN : 3021055

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$50,100	
<b>Total</b>	<b>\$50,100</b>	
Importance Code A	\$50,100	
<b>Total</b>	<b>\$50,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$63,500			
Interior Architecture	\$19,000			
Electrical	\$41,500	\$6,200	\$200	\$300
Mechanical	\$2,300	\$6,400	\$400	\$400
<b>Total</b>	<b>\$126,400</b>	<b>\$12,600</b>	<b>\$600</b>	<b>\$700</b>
Importance Code A	\$63,800	\$300	\$300	\$300
Importance Code B	\$59,500	\$12,300	\$300	\$400
Importance Code C	\$3,100			
<b>Total</b>	<b>\$126,400</b>	<b>\$12,600</b>	<b>\$600</b>	<b>\$700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

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	15%	Now	\$1,200	LIFE	**	5	\$1,300	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South East Corner - Main Building</i>								
Masonry: Fieldstone	65%	Now	\$50,100	LIFE	**	5	\$4,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade Above Entry Door</i>								
Stucco Cement	15%	Now	\$7,800	2031	**	5	\$1,600	
<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Areas</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : West Facade, Adjacent To Storage Room, At Grade</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Explanation : Vegetative Growth</i>								
Wood	5%	Now	\$23,400	2046	**	5	\$1,100	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Fascia And Wood Gutters</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Fascia And Wood Gutters</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : East Facade Above Entry Door, Wood Shutter Above Entry</i>								
Windows								
Wood	100%	Now	\$18,200	2051	**	5	\$2,400	1
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Loose Units, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Windows Made In D P R Shop - Not Made Well - Do Not Seat Properly Or Lock. Wood Shutters Throughout</i>								
Parapets								
Masonry: Brick	90%			LIFE	**	5		
Metal Panel	10%			2036	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Metal Panel	100%	Now	\$12,900	2039	**			
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East And West Facades</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Roof Hatch</i>								
Interior								
Floors								
Cast in Place Concrete	34%	Now	\$3,200	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Stairs To Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs To Second Floor</i>								
Quarry Tile	30%			2039	**	5	\$2,000	
Slate	3%			LIFE	**	5	\$100	
Wood	33%	4+	\$5,000	2054	**	5	\$1,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North West Corner, Second Floor</i>								
Interior Walls								
Cast in Place Concrete	20%	Now	\$2,900	LIFE	**			
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Ceramic Tile	10%			2035	**	5	\$100	
Gypsum Board	30%			LIFE	**	5	\$100	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areas</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Gypsum Walls In Exhibition Hall</i>								
Plaster	40%	Now	\$100	LIFE	**	5	\$100	
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South East Window And Ceiling, 2nd Floor</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
Exposed Concrete	30%	Now	\$4,400	LIFE	**	5	\$200	
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Exposed Struc: Wood	15%			LIFE	**			
Plaster	55%	Now	\$3,300	LIFE	**	5	\$1,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor</i>								
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated At 200 Amperes</i>								
<hr/>								
<b>Raceway</b>								
Conduit	80%			2036	**	1		
Conduit	20%			2026	\$800	1		
<hr/>								
<b>Panelboards</b>								
Molded Case Bkrs	50%			2034	**	5		
Molded Case Bkrs	50%			2025	\$3,800	5		
<hr/>								
<b>Wiring</b>								
Thermoplastic	80%			2036	**	1		
Thermoplastic	20%			2026	\$1,700	1		
<hr/>								
<b>Motor Controllers</b>								
Locally Mounted	100%			2024	\$7,300	5		
<hr/>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$9,700	LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded</i>								
<hr/>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	35%			2026	\$2,400	10	\$1,000	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	30%			2026	\$2,000	10	\$800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways And Basement</i>								
Incandescent	35%			2021	\$5,600	2		

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**DEPT. OF PARKS & RECREATION - 846**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

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

**Lighting**

Egress Lighting								
Emergency, Battery	50%			2034	**	10	\$400	
Exit, Service	50%			2021	\$400	1		
Exterior Lighting								
HID	20%			2026	\$2,300	10		
No Component	80%							

**Alarm**

Security System								
No Component	70%							
Generic	30%			2026	\$2,800	1	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Gallery And Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

Fire/Smoke Detection								
Generic, Analog	100%	Now	\$31,800	2036	**	1-3	\$1,700	
<i>Not in Service, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

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

**Heating**

Energy Source								
Natural Gas	100%			2052	**	1		
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$3,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Central Plant Steam Piping/Pmp	100%			2036	**	4	\$200	
Terminal Devices								
Convactor/Radiator	100%	Now	\$800	2039	**	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Thermostatic Valves Broken</i>								

**Air Conditioning**

Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$6,000	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Window Units Installed And Removed Seasonally</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Air Conditioning	Dehumidifier							
	Generic	100%			2030	**		
Plumbing	H/C Water Piping							
	Galvanized Steel	100%			2039	**	1	
	Water Heater							
	Gas Fired	100%			2026	\$1,800	2	
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Basement</i>				
				<i>Explanation : 40 Gallons, Newly Installed.</i>				
	Sanitary Piping							
	Cast Iron	100%	Now	\$1,100	LIFE	**	1	
				<i>Broken, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Basement</i>				
	Sump Pump(s)							
	Submersible	100%			2020	\$100	4	\$100
	Fixtures							
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE  
**Address** : PARADE GROUNDS @CONEY ISLAND AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0147.070 / 13630 **Yr Built/Renovated** : 1955 / 2006  
**Area Sq Ft** : 20,713 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,Ph  
**Block** : 5051 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$826,700	
Interior Architecture	\$251,800	
Electrical	\$36,100	\$537,000
Mechanical		\$200,000
<b>Total</b>	<b>\$1,114,600</b>	<b>\$736,900</b>
Importance Code A	\$826,700	
Importance Code B	\$287,900	\$736,900
<b>Total</b>	<b>\$1,114,600</b>	<b>\$736,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$42,100			
Interior Architecture	\$86,300		\$800	\$1,400
Electrical	\$36,500	\$1,400	\$3,000	\$2,700
Mechanical	\$47,000	\$2,200	\$3,600	\$2,200
Site Enclosure	\$9,100			
<b>Total</b>	<b>\$220,900</b>	<b>\$3,600</b>	<b>\$7,400</b>	<b>\$6,300</b>
Importance Code A	\$43,100	\$1,000	\$1,000	\$1,000
Importance Code B	\$116,900	\$2,600	\$6,400	\$5,300
Importance Code C	\$60,900			
<b>Total</b>	<b>\$220,900</b>	<b>\$3,600</b>	<b>\$7,400</b>	<b>\$6,300</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	74%	Now	\$102,800	LIFE	**	5	\$15,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bulkheads</i>								
Glazed Ceramic Panel	5%			LIFE	**	5	\$15,500	
Masonry: Brick	10%	Now	\$10,200	LIFE	**	5	\$3,300	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Entrance At Park Wing</i>								
Metal Panel	2%			2029	\$4,900	5-10	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entrance To Parks Wing</i>								
<i>Explanation : Metal Sheeting Covering Glass Windows</i>								
Metal Coiling Doors	5%			2034	**	5	\$5,200	
Pre-Cast Concrete	2%	0-2	\$1,100	LIFE	**	5	\$2,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Window Sills</i>								
Window Wall	2%			2029	\$32,400	5	\$2,500	
Windows								
Aluminum	98%	0-2	\$252,200	2054	**	5	\$2,900	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Louvers	2%			2038	**	10	\$800	
Parapets								
Concrete Masonry Unit	85%	Now	\$2,800	LIFE	**	5	\$2,400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout Police Wing</i>								
Masonry: Brick	5%	Now	\$400	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Police Wing</i>								
Metal Panel	10%	Now	\$19,800	2059	**	5	\$500	1
<i>Deformed/Dented, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Coping</i>								
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Coping</i>								
<i>Miss/Damaged Copings, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Coping</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	75%	Now	\$442,200	2039		**		
<i>Ponding, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Park Wing</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Park Wing</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Park Wing</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Park Wing</i>								
Modified Bitumen	25%	Now	\$29,500	2034		**		
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Police Wing</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corridors, Police Wing</i>								
Soffits								
Stucco Cement	100%			2034		**	5	
Interior								
Floors								
Cast in Place Concrete	23%	2-4	\$3,800	LIFE		**	5	\$15,600
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2032		**	5	\$1,600
Quarry Tile	5%			2034		**	5	\$2,300
Terrazzo	30%	Now	\$88,300	LIFE		**	5	\$7,300
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Park Wing</i>								
Vinyl Tile	37%	Now	\$99,500	2039		**	3	\$4,300
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Concrete Masonry Unit	10%	2-4	\$3,000	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	2%	2-4	\$16,200	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Glazed Ceramic Panel	20%	Now	\$17,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Vistibule And Lobby Of Park Wing</i>								
Metal Panel	2%			LIFE	**	10	\$200	
Plaster	53%	Now	\$2,300	LIFE	**	5	\$4,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair - Police Wing</i>								
SGFT/Glazed Masonry	13%	Now	\$13,500	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage, Park Wing</i>								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$64,000	2049	**	5	\$3,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Police Wing</i>								
Exposed Concrete	10%			LIFE	**	5-10	\$3,900	
Plaster	65%	Now	\$27,000	LIFE	**	5	\$12,600	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Vestibule And Rooms, Storage Parks Wing And Various Areas In Police Wing</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Old Concession Stand</i>								
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	Now	\$8,800	2059	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Planter Wall Adjacent To Entrance Of Police Wing</i>								
Retaining Walls								
Cast in Place Concrete	95%	Now	\$300	2064	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Fieldstone	5%			2039	**			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2042	**			
Parking/Driveway								
Asphalt	100%			2032	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

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%			2029	\$8,500	5	\$500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Two 400 Ampere Main Disconnect Switch</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2029	\$124,700	5	\$100	
Raceway								
Conduit	100%			2029	\$60,500	1		
Panelboards								
Fused Disc Sw	10%			2028	\$6,100	5		
Molded Case Bkrs	90%			2028	\$54,900	5	\$500	
Wiring								
Braided Cloth	30%	2-4	\$24,900	2054	**	1		
		<i>Insulation Aged, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Thermoplastic	70%			2029	\$58,000	1		
Motor Controllers								
Locally Mounted	50%			2027	\$15,100	5	\$100	
Locally Mounted	50%			2034	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,700	LIFE	**	5	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Corroded</i>						
Stand-by Power								
Transfer Switches								
Automatic	100%			2027	\$9,100	1	\$6,400	
Generators								
Diesel	100%			2025	\$74,700	1	\$8,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : The Generator Is Rated 30 Kilowatts.</i>						
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$800	
Fuel Storage								
Day Tank	50%			2028	\$800	5	\$1,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Generator Room</i>						
		<i>Explanation : One 10 Gallon</i>						
Main Tank	50%			2069	**	5	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : One 275 Gallon</i>						

## 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.

**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

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

**Lighting**

Interior Lighting  
Fluorescent

30% 0-2 \$36,100 2039 \* \*  
*T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%*  
*Location : Throughout Building*

Fluorescent

70% 2029 \$84,300 10 \$13,300  
*T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%*  
*Location : Throughout Building*

Egress Lighting

Emergency, Service

70% 2029 \$7,300 1

Exit, Service

30% 2029 \$2,100 1

Exterior Lighting

HID

100% 2024 \$79,800 10 \$100

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

**Heating**

Energy Source

Natural Gas

100% 2039 \* \* 1

Conversion Equipment

Hot Water Boiler

100% 2034 \* \* 1 \$10,200  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Basement Boiler Room*  
*Explanation : 3 Units*

Distribution

Hot Wtr Piping/Pump

100% 2028 \$30,900 4 \$1,500

Terminal Devices

Air Handler

30% 2024 \$83,500 1 \$3,800

Convactor/Radiator

70% 2027 \$74,200 1 \$4,700

**Air Conditioning**

Energy Source

Electricity

100% 2037 \* \* 1

Conversion Equipment

Split Unit

10% 2034 \* \*

Window/Wall Unit

60% 2024 \$24,800 1  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Roof And Penthouse*  
*Explanation : Abandoned Cooling Tower, Chiller, Pumps And Air Handler*

No Component

30%

**Ventilation**

Distribution

Ductwork/Diffusers

100% LIFE \* \* 2-5 \$18,300

Exhaust Fans

Interior

60% 2029 \$42,300 2 \$400

Roof

40% 2029 \$13,100 2 \$300

**Plumbing**

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.

**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
H/C Water Piping	Brass/Copper	100%			2039	**	1	
Water Heater	Gas Fired	100%			2027	\$12,100	2	\$300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 75 Gallon Unit</i>								
Sanitary Piping	Cast Iron	100%	0-2	\$29,000	LIFE	**	1	
<i>Blockage /Clogged, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Underground</i>								
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)	Non-Submersible	100%	0-2	\$3,000	2039	**	4	\$400
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Sewage Ejector(s)	Electric	100%	0-2	\$5,700	2039	**	4	\$800
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Backflow Preventer	Generic	100%			2034	**	1	\$1,300
Fixtures	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PELHAM BAY PARK BARTOW PELL MANSION - 0005  
**Address** : BET SHORE AND ORCHARD BEACH RDS. EASTCHESTER BAY, HUTCH RVR PKWY  
**Borough** : BRONX **Agency's Number** : X039-07  
**Program / Asset #** : PAR0072.050 / 227 **Yr Built/Renovated** : 1836 / 2015  
**Area Sq Ft** : 16,144 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2,ATT  
**Block** : 5650 **Lot** : 1 **BIN** : 2097423

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$98,700	
Interior Architecture	\$235,500	
Electrical	\$237,500	
Mechanical	\$108,900	\$199,900
<b>Total</b>	<b>\$680,700</b>	<b>\$199,900</b>
Importance Code A	\$207,700	
Importance Code B	\$406,600	\$199,900
Importance Code C	\$66,500	
<b>Total</b>	<b>\$680,700</b>	<b>\$199,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$26,500	\$1,100		\$4,400
Interior Architecture	\$31,000	\$6,600		
Electrical	\$37,300	\$100	\$100	\$4,500
Mechanical	\$9,400	\$17,000	\$2,100	\$8,100
Site Pavements	\$16,300			
<b>Total</b>	<b>\$120,600</b>	<b>\$24,900</b>	<b>\$2,200</b>	<b>\$17,000</b>
Importance Code A	\$26,500	\$2,700	\$1,600	\$6,000
Importance Code B	\$77,700	\$22,200	\$600	\$11,000
Importance Code C	\$16,300			
<b>Total</b>	<b>\$120,600</b>	<b>\$24,900</b>	<b>\$2,200</b>	<b>\$17,000</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	**	5	\$1,300	
Masonry: Fieldstone	15%			LIFE	**	5	\$3,000	
Masonry: Granite	65%			LIFE	**	5	\$12,900	
Wood	15%	Now	\$58,800	2033	**	5	\$9,900	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Conservatory Addition</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Conservatory Addition</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Conservatory Addition</i>								
Windows								
Metal Louvers	5%			2031	**	10	\$1,100	
Wood	70%	0-2	\$20,700	2036	**	5	\$12,400	
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : North And East Facing Windows</i>								
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : West (Entry) Façade And Basement Windows</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : North And East Facing Windows</i>								
<i>Explanation : Storm Windows - Double Layer</i>								
Wood	25%	0-2	\$5,500	2036	**	5	\$4,400	
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Conservatory And Attic Transom Windows</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Transom Windows At Conservatory And Attic</i>								
<i>Split/Cracked, Extent : Light, Area Affected : 20%</i>								
<i>Location : Transom Windows At Conservatory And Attic</i>								
Parapets								
Metal Rail	5%	Now	\$300	2033	**	5	\$300	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 2nd Floor Window Balconies</i>								
Wood Cornice	95%			2038	**	5-10	\$9,900	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Wood Cornice</i>								
Roof								
Copper/Terne	100%			2043	**	10	\$39,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Lead Coated</i>								
Soffits								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West And East Facades</i>								
<i>Explanation : Decorative Metal Balconies</i>								

Interior

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	50%			2024	\$206,000	3	\$18,100	
Ceramic Tile	5%			2031	**	5	\$1,200	
Sheet Vinyl/Rubber	10%	Now	\$79,800	2038	**	5	\$1,800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Kitchen And Pantry Area - North Wing</i>								
Wood	35%	Now	\$31,000	2031	**	5	\$7,900	
<i>Deflection Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South East Window - Lannumluer Room</i>								
Interior Walls								
Plaster	20%	Now	\$66,500	LIFE	**	5	\$2,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement And Attic</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement And Attic</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Plaster	80%			LIFE	**	5	\$8,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Lannumluer Bedroom - South East Corner</i>								
Ceilings								
Exposed Struc: Wood	15%	Now	\$43,600	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Attic Space - South Side Of Transom Window</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Transom Ceiling - Attic</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement - South East Window Bay</i>								
Plaster	15%	Now	\$45,600	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Basement</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Basement And Attic</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Kitchen And Pantry Area (North Wing)</i>								
Plaster	70%			LIFE	**	5	\$9,100	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2048	**			
Free Standing Walls								
Masonry: Brick	10%			2038	**			
Masonry: Fieldstone	90%			2038	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Garden</i>								
<i>Explanation : Garden Walls Are Landmarked</i>								
Site Pavements								

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Pavements								
On-Site Walkways								
Asphalt	30%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Yard</i>								
<i>Explanation : Element Actually Crushed Gravel</i>								
Pavers/Stone	70%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Yard</i>								
<i>Explanation : Ashlar Granite Pavers On Pation And Walkways</i>								
Parking/Driveway								
Asphalt	100%	0-2	\$16,300	2031	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Main Entrance</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2028	\$1,600	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two 200 Ampere Main Disconnect Switches</i>								
Raceway								
Conduit	100%			2028	\$34,900	1		
Panelboards								
Fused Disc Sw	10%			2027	\$1,700	5		
Fused Knife Sw	40%	2-4	\$6,700	2053	**	5	\$100	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Closet Room 2nd Floor</i>								
Molded Case Bkrs	40%			2027	\$6,700	5	\$200	
Molded Case Bkrs	10%			2036	**	5		
Wiring								
Braided Cloth	65%	Now	\$20,100	2053	**	1		
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	25%			2028	\$7,700	1		
Thermoplastic	10%			2038	**	1		
Motor Controllers								
Locally Mounted	100%			2026	\$33,600	5	\$100	
Ground								
Grounding Devices								
Generic	100%	0-2	\$10,600	LIFE	**	5	\$200	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Water Main Basement</i>								
<i>Explanation : Corroded</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Lighting								
Interior Lighting Fluorescent	30%			2023	\$54,000	10	\$4,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office, Kitchen, First Floor And Basement</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	70%			2023	\$125,900	2	\$300	
Exterior Lighting								
Incandescent	100%			2023	\$57,600	2		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source Fuel Oil No 2	100%			2038	**	5	\$5,000	
Conversion Equipment Steam Boiler	100%	0-2	\$108,900	2048	**	1	\$14,400	
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units, One In Reserve</i>								
Distribution Steam Piping/Pump	100%			2028	\$74,400			
Terminal Devices Convactor/Radiator	100%			2033	**	1	\$5,200	
Air Conditioning								
Energy Source Electricity	100%			2036	**	1		
Conversion Equipment Window/Wall Unit	10%			2023	\$3,500	1		
No Component	90%							
Plumbing								
H/C Water Piping Brass/Copper	100%	0-2	\$6,300	2028	\$125,400	1		
<i>Corroded, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Water Main, Basement</i>								
Water Heater Electric	100%			2021	\$14,800	4	\$100	
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%	0-2	\$2,600	2038	**	4	\$300	
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Plumbing									
	Fixtures								
	Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046  
**Address** : EASTCHESTER BAY, HUTCHINSON RIVER AND L.I. SOUND  
**Borough** : BRONX **Agency's Number** : X039-06E  
**Program / Asset #** : PAR0072.460 / 229 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 158,570 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 5650 **Lot** : 1 **BIN** : 2109473

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,920,000	\$139,100
Interior Architecture	\$197,600	
Electrical	\$749,200	\$2,005,900
Mechanical	\$1,424,300	\$1,311,200
Site Enclosure	\$430,000	
Site Pavements	\$91,100	
<b>Total</b>	<b>\$4,812,300</b>	<b>\$3,456,200</b>
Importance Code A	\$1,920,000	\$725,000
Importance Code B	\$2,259,700	\$2,731,200
Importance Code C	\$632,600	
<b>Total</b>	<b>\$4,812,300</b>	<b>\$3,456,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$43,000			\$10,200
Interior Architecture	\$63,900		\$7,300	\$2,300
Electrical	\$45,000	\$15,600	\$19,400	\$19,500
Mechanical	\$10,200	\$500	\$2,900	\$34,400
Site Enclosure	\$30,000			
<b>Total</b>	<b>\$192,100</b>	<b>\$16,100</b>	<b>\$29,700</b>	<b>\$66,400</b>
Importance Code A	\$46,000		\$2,900	\$12,300
Importance Code B	\$114,300	\$16,100	\$25,400	\$54,100
Importance Code C	\$31,900		\$1,300	
<b>Total</b>	<b>\$192,100</b>	<b>\$16,100</b>	<b>\$29,700</b>	<b>\$66,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$171,100	LIFE	**	5	\$27,300	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Colonnades - 2nd Floor</i>								
<i>Spalling, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Colonnades - 2nd Floor</i>								
Glazed Ceramic Panel	3%	Now	\$38,700	LIFE	**	5	\$7,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Dressing Areas And Colonnades Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Dressing Areas</i>								
Masonry: Brick	5%	Now	\$91,500	LIFE	**	5	\$2,700	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Dressing Areas - South Courtyard</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Dressing Areas - South Courtyard</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Dressing Areas - South Courtyard</i>								
Masonry: Brick	10%			LIFE	**	5	\$5,500	
Masonry: Limestone	20%	Now	\$397,800	LIFE	**	5	\$8,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Outside Old Boiler Room And Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 30%</i>								
<i>Location : North And South Wings</i>								
Metal Sect. OHD	12%			2033	**	5	\$20,400	
Not Accessible	40%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Facility In Severe Disrepair.</i>								
<i>access Prohibited By Fences And Scaffolding</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**

**Asset # : 229**

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								
Windows								
Metal Louvers	10%	Now	\$99,300	2043			**	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Old Boiler Room</i>					
			<i>Deformed/Dented, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Old Boiler Room</i>					
			<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Old Boiler Room</i>					
Steel	10%	Now	\$174,000	2053		5	**	\$18,700
			<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : At Offices</i>					
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : At Offices</i>					
			<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Offices</i>					
Not Accessible	80%							

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**

**Asset # : 229**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Glazed Ceramic Panel	5%	Now	\$13,600	2058	**	5	\$400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Restrooms On Boardwalk Level</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Restrooms On Boardwalk Level</i>								
<i>Explanation : Netting In Place</i>								
Masonry: Brick	7%	Now	\$5,700	LIFE	**	5	\$400	
<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Elevated Central Plaza - East Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Elevated Central Plaza - East Wall</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Elevated Central Plaza - East Wall</i>								
Masonry: Limestone	8%	Now	\$17,800	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Stairs And Balcony Flanking Central Elevated Plaza</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Stairs And Balcony Flanking Central Elevated Plaza</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping At Central Elevated Plaza</i>								
Metal Rail	5%	Now	\$5,800	2033	**	5	\$2,300	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : 2nd Floor Colonnades</i>								
<i>Loose/Miss Fasteners, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 2nd Floor Colonnades</i>								
Not Accessible	75%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Facility In Severe Disrepair. Access Prohibited By Fences Scaffolding And Netting</i>								
Roof								
Plaza Roof: Stone Panels	10%			2038	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Elevated Plaza On Central Axis With Flanking Stairs</i>								
<i>Explanation : Concession Areas Below Not Accessible</i>								
Wood Shingles	5%	Now	\$74,300	2043	**			
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Remnant Dressing Areas In South Courtyard</i>								
Not Accessible	85%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Facility In Severe Disrepair. Access Prohibited By Fences And Scaffolding</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**

**Asset # : 229**

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								
Soffits								
Cast in Place Concrete	100%	Now	\$873,300	LIFE	**	5	\$139,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Overhangs At Abandoned Concessions Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Overhangs At Abandoned Concessions Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$27,900	LIFE	**	5	\$26,300	
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Old Boiler Room - 1st Floor</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Old Boiler Room - 1st Floor</i>								
Ceramic Tile	10%			2037	**	5	\$12,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Restrooms - Boardwalk Level</i>								
Vinyl Tile	3%	Now	\$34,200	2038	**	3	\$1,400	
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Offices - 2nd Floor South Wing</i>								
Not Accessible	77%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Facility In Severe Disrepair.</i>								
Interior Walls								
Cast in Place Concrete	10%	Now	\$111,500	LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Old Boiler Room</i>								
Ceramic Tile	5%			2037	**	5	\$2,600	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bathrooms At Boardwalk Level</i>								
Plaster	8%	Now	\$1,900	LIFE	**	5	\$1,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd Floor Offices - South Wing</i>								
Not Accessible	77%							

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	3%			2033	**	5	\$3,600	
Exposed Concrete	10%	Now	\$86,200	LIFE	**	5	\$1,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Old Boiler Room - 1st Floor</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Old Boiler Room - 1st Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Old Boiler Room - 1st Floor</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Old Boiler Room - 1st Floor</i>								
<i>Explanation : Fire Damage</i>								
Plaster	10%			LIFE	**	5	\$7,500	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Restrooms At Boardwalk Level</i>								
Not Accessible	77%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Facility In Severe Disrepair. Access Restricted By Fences And Scaffolding</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%	Now	\$30,000	2038	**			
<i>Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Perimeter Fence Adjacent To Ramp - South West Side</i>								
<b>Free Standing Walls</b>								
Masonry: Brick	90%	Now	\$430,000	2038	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Walls Adjacent To Bathrooms At Boardwalk Level</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Perimeter Walls Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations Throughout</i>								
Not Accessible	10%							
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Pavers/Stone	100%	Now	\$91,100	2031	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stairs Flanking Elevated Plaza</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Elevated Central Plaza And Stairs</i>								
<i>Explanation : Component Actually Granite Panels</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**

**Asset # : 229**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	50%			2033	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : South West Ramp To Old Boiler Room, North Courtyard</i>								
Pavers/Stone	50%			2031	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North Courtyard</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2038	**	5	\$4,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room First Floor</i>								
<i>Explanation : One 1600 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2038	**	5	\$4,200	
Raceway								
Conduit	75%			2028	\$18,800	1		
Conduit	20%			2038	**	1		
Conduit	5%			2048	**	1		
Panelboards								
Fused Disc Sw	5%			2027	\$3,300	5	\$200	
Fused Disc Sw	5%			2036	**	5	\$200	
Molded Case Bkrs	75%			2027	\$49,900	5	\$3,100	
Molded Case Bkrs	10%			2036	**	5	\$400	
Molded Case Bkrs	5%			2044	**	5	\$200	
Wiring								
Braided Cloth	55%	Now	\$30,200	2053	**	1		
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2038	**	1		
Thermoplastic	5%			2048	**	1		
Motor Controllers								
Locally Mounted	100%			2026	\$128,100	5	\$1,100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,300	
Lighting								

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**

**Asset # : 229**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	70%			2023	\$270,500	10	\$101,800	
<i>Other Observation, Extent : Light, Area Affected : 99%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	20%			2033	**	10	\$29,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Police Station And Offices</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	10%			2033	**	10	\$14,500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bathhouse And Locker Room</i>								
<b>Exterior Lighting</b>								
HID	50%			2023	\$333,300	10	\$200	
HID	50%			2033	**	10	\$200	

**Alarm**

Security System Generic	100%			2033	**	1	\$59,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Total Of Four CCTV Surveillance Camera But The Monitor Inside in The Supervisor Office</i>								
Fire/Smoke Detection Generic, Digital	100%			2028	\$1,827,800	1-3	\$97,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Gas Station Outside</i>								
<i>Explanation : The Fire Alarm Is Only For The Gas Station. But The Panel Is Located At The Supervisor Office</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	20%			2038	**	1		
No Component	80%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Building 80% Abandoned</i>								
Conversion Equipment Radiant Heater	20%			2028	\$585,900	2	\$14,700	
No Component	80%							
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2036	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Conversion Equipment								
	Window/Wall Unit	10%			2023	\$34,400	1	
	No Component	90%						
<b>Plumbing</b>								
H/C Water Piping								
	Galvanized Steel	100%			2026	\$725,300	1	
Water Heater								
	Electric	100%			2021	\$145,600	4	\$1,400
Sanitary Piping								
	Cast Iron	100%	Now	\$1,209,800	LIFE	**	1	
<i>Broken, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Water Flooding In The Old Boiler Room.</i>								
Storm Drain Piping								
	Cast Iron	100%	Now	\$68,900	LIFE	**	1	
<i>Blockage /Clogged, Extent : Severe, Area Affected : 20%</i>								
<i>Location : The Driveway To The Old Boiler Room</i>								
Sump Pump(s)								
	Submersible	100%			2020	\$5,600	4	\$5,000
Fixtures								
	Generic	100%						
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout, Except The Beach Bathrooms</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007  
**Address** : EASTCHESTER BAY, HUTCHINSON RIVER PKWY. AND L.I. SOUND  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : PAR0072.070 / 228 Yr Built/Renovated : 1901 / 2007  
**Area Sq Ft** : 15,904 Project Type : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 Landmark Status : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 5650 Lot : 1 BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$42,800	\$197,800
Interior Architecture	\$176,300	
<b>Total</b>	<b>\$219,100</b>	<b>\$197,800</b>
Importance Code A	\$42,800	\$197,800
Importance Code C	\$176,300	
<b>Total</b>	<b>\$219,100</b>	<b>\$197,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$22,800	\$5,200		\$60,000
Interior Architecture		\$4,200	\$700	
Electrical	\$1,500	\$1,900	\$1,500	\$14,600
Mechanical	\$4,400	\$2,800	\$3,700	\$2,800
<b>Total</b>	<b>\$28,700</b>	<b>\$14,100</b>	<b>\$5,900</b>	<b>\$77,400</b>
Importance Code A	\$24,000	\$6,400	\$1,200	\$61,200
Importance Code B	\$4,700	\$7,700	\$4,800	\$16,200
Importance Code C				
<b>Total</b>	<b>\$28,700</b>	<b>\$14,100</b>	<b>\$5,900</b>	<b>\$77,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**

**Asset # : 228**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$101,300	
Masonry: Marble	10%			LIFE	**	5	\$9,500	
Wood	10%			2033	**	5	\$63,300	
Windows								
Wood	65%			2044	**	5	\$19,500	
Wood	20%			2036	**	5	\$6,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Circular Windows</i>								
Wood	15%			2036	**	5	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor, Entry Facade</i>								
<i>Explanation : Wood Shutters</i>								
Parapets								
Metal Panel	20%	Now	\$42,800	2048	**	5	\$10,500	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Lower Roofs</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Upper Roof</i>								
Metal Rail	50%	Now	\$22,800	2033	**	5	\$96,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Post Anchors Missing</i>								
<i>Corrosion/Rusting, Extent : Light, Area Affected : 15%</i>								
<i>Location : Lower Roofs</i>								
No Component	30%							
Roof								
Single Ply Membrane	100%			2033	**	10	\$28,300	
<i>Drains Clogged, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Roof</i>								
Interior								
Floors								
Carpet	10%			2024	\$37,900	3	\$4,400	
Cast in Place Concrete	20%			LIFE	**	5	\$12,700	
Ceramic Tile	5%			2037	**	5	\$1,500	
Panel/Paver: Bluestone	35%			LIFE	**	5	\$7,600	
Quarry Tile	5%			2041	**	5	\$2,200	
Vinyl Tile	25%			2033	**	3	\$2,700	

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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**  
**Asset # : 228**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	10%	Now	\$176,300	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Foundation Walls At Water Main And Golf Storage</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Foundation Wall - South Facade @ Electrical Panel And Golf Storage</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement - South Facade</i>								
<i>Explanation : Water Penetration Causing Short In Electrical Supply To Parking Lot Lighting</i>								
Fiberglass Panel	5%			LIFE	**			
Gypsum Board	20%			LIFE	**	5	\$8,200	
Granite Panels	10%			LIFE	**			
Plaster	50%			LIFE	**	5	\$10,200	
SGFT/Glazed Masonry	5%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2041	**	5	\$1,500	
Exposed Concrete	25%			LIFE	**	5	\$1,100	
Gypsum Board	20%			LIFE	**	5	\$7,300	
Plaster	50%			LIFE	**	5	\$9,100	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Picket	100%			2048	**			
<b>Site Pavements</b>								
<b>Parking/Driveway</b>								
Asphalt	50%			2031	**			
Pavers/Stone	50%			2031	**			
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2048	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : One 800 Ampere And One 400 Ampere Main Disconnect Switch</i>								
<b>Transformers</b>								
Dry Type	100%			2041	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : One 14 Kilo-volt-ampere, 480hv-208/120lv</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2048	**	5	\$400	
<b>Raceway</b>								
Conduit	100%			2048	**	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.



**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**

**Asset # : 228**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	10%			2044	**	5		
Molded Case Bkrs	90%			2044	**	5	\$400	
<b>Wiring</b>								
Thermoplastic	100%			2048	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2041	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$200	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	5%			2033	**	10	\$700	
								<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : First Floor</i>
								<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Lobby</i>
Fluorescent	70%			2033	**	10	\$10,200	
								<i>Other Observation, Extent : Light, Area Affected : 100%</i>
								<i>Location : Throughout The Building</i>
								<i>Explanation : T-8 Lamps</i>
Incandescent	25%			2033	**	2	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2033	**	10	\$1,900	
Exit, LED	50%			2056	**	1		
<b>Exterior Lighting</b>								
HID	80%			2033	**	10		
Incandescent	20%			2033	**	2		
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	**	1	\$5,900	
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Inside And Outside Of The Building</i>
								<i>Explanation : Total Of 16 CCTV Surveillance Camera</i>
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	**	1-3	\$9,800	
								<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Throughout The Building</i>
								<i>Explanation : Consist Of Strobe Lights, Smoke Detector, Horn, Bell And Pullbox</i>

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2048	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**

**Asset # : 228**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Heating								
Conversion Equipment								
	Furnace	50%			2033	**	1	\$3,900
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Roof Top Package Units</i>								
	Steam Boiler	50%			2041	**	1	\$7,900
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
	Steam Piping/Pump	50%			2048	**		
	No Component	50%						
Terminal Devices								
	Air Handler	35%			2033	**	1	\$3,400
	Convactor/Radiator	10%			2041	**	1	\$500
	Unit Heater - Steam	5%			2033	**	4	\$100
	No Component	50%						
Air Conditioning								
Energy Source								
	Electricity	100%			2044	**	1	
Conversion Equipment								
	Exterior Pkg Unit - Cooling	30%			2033	**	2	\$300
<i>R-22 Refrigerant, Extent : Light, Area Affected : 30%</i>								
<i>Location : Roof</i>								
	Ext Pkg Unit - Heating/Cooling	70%			2033	**	2	\$700
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Roof Top Package Units. R-22</i>								
Ventilation								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,900
Exhaust Fans								
	Interior	30%			2033	**	2	\$100
	Roof	70%			2033	**	2	\$300
Plumbing								
H/C Water Piping								
	Brass/Copper	100%			2048	**	1	
Water Heater								
	Gas Fired	100%			2026	\$9,300	2	\$200
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%	Now	\$1,600	LIFE	**	1	
<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**

**Asset # : 228**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Sewage Ejector(s) Electric	100%			2033	* *	4	\$900
	Fixtures Generic	100%						
<b>Fire Suppression</b>								
	Sprinkler Generic	100%			2048	* *	1-2	\$4,500
	Chemical System Generic	100%			2026	\$26,700	1-3	\$4,000

*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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : POE COTTAGE  
**Address** : 2640 GRAND CONCOURSE AND EAST KINGSBRIDGE ROAD  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0183.000 / 13868 **Yr Built/Renovated** : 1812 / 2011  
**Area Sq Ft** : 1,937 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Oct-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 3155 **Lot** : 1 **BIN** : 2826090

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$15,300	\$2,200		\$11,300
Interior Architecture		\$500		\$1,900
Electrical	\$200	\$200	\$200	\$10,700
Mechanical	\$300	\$200	\$300	\$2,100
Site Enclosure	\$22,800			
<b>Total</b>	<b>\$38,500</b>	<b>\$3,200</b>	<b>\$500</b>	<b>\$26,000</b>
Importance Code A	\$15,500	\$2,400	\$200	\$11,500
Importance Code B	\$4,100	\$800	\$300	\$14,500
Importance Code C	\$18,900			
<b>Total</b>	<b>\$38,500</b>	<b>\$3,200</b>	<b>\$500</b>	<b>\$26,000</b>



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

## DEPT. OF PARKS &amp; RECREATION - 846

## POE COTTAGE

Asset # : 13868

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	8%	4+	\$1,300	LIFE	**	5	\$2,000	
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : At Base Of Building</i>								
Masonry: Brick	2%			LIFE	**	5	\$100	
Wood	90%			2033	**	5	\$22,500	
Windows								
Wood	100%			2036	**	5	\$3,000	
Roof								
Wood Shingles	80%			2031	**	10	\$800	
Wood Shingles	20%	Now	\$14,000	2043	**			
<i>Vegetation Growth, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Lean To Addition</i>								
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	**	5	\$200	
Panel/Paver: Bluestone	5%			LIFE	**	5	\$100	
Vinyl Tile	2%			2028	\$500	3		
Wood	70%			2043	**	5	\$3,800	
Wood	20%			2056	**	5	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Caretaker Residence</i>								
Interior Walls								
Gypsum Board	10%			LIFE	**	5	\$100	
Plaster	30%			LIFE	**	5	\$100	
Wood	60%			LIFE	**	5	\$2,700	
Ceilings								
Gypsum Board	20%			LIFE	**	5	\$700	
Plaster	80%			LIFE	**	5	\$1,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	\$18,900	2048	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At Post Anchor Points - Perimeter</i>								
Retaining Walls								
Cast in Place Concrete	100%	Now	\$3,900	2048	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Base Of Perimeter Fence - Various Locations Throughout</i>								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2033	**			

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

## DEPT. OF PARKS &amp; RECREATION - 846

## POE COTTAGE

Asset # : 13868

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2038	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 100 Amperes.</i>								
Raceway								
Conduit	100%			2038	**	1		
Panelboards								
Molded Case Bkrs	100%			2036	**	5	\$100	
Wiring								
Thermoplastic	100%			2038	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Metal Water Pipe.</i>								
Lighting								
Interior Lighting								
Fluorescent	15%			2023	\$700	10	\$300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And 2nd Floor</i>								
Incandescent	85%			2023	\$9,600	2		
Alarm								
Security System								
Generic	100%			2028	\$6,500	1	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Intrusion Alarm Only; Motion Sensors</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2028	\$22,300	1-3	\$1,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Strobe Light, Bells, Manual Pull Station, Smoke Detector</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2048	**	1		
Conversion Equipment								
Steam Boiler	100%			2033	**	1	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One Unit</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**POE COTTAGE**  
**Asset # : 13868**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Distribution								
	Central Plant Steam Piping/Pmp	100%			2038	**	4	\$100
Terminal Devices								
	Convactor/Radiator	65%			2033	**	1	\$400
	Unit Heater - Steam	20%			2028	\$1,400	4	\$100
	No Component	15%						
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2036	**	1	
Conversion Equipment								
	Window/Wall Unit	15%			2023	\$600	1	
	No Component	85%						
<b>Ventilation</b>								
Exhaust Fans								
	Wall Unit	10%			2028	\$100	2	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Wall Mounted Kitchen Exhaust Fan.</i>					
	No Component	90%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	10%			2048	**	1	
	Galvanized Steel	90%			2033	**	1	
Water Heater								
	Gas Fired	100%			2023	\$1,200	2	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Fixtures								
	Generic	100%						

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : POE PARK VISITOR CENTER  
**Address** : 2640 GRAND CONCOURSE @ E. 193 ST  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0183.010 / 14711 **Yr Built/Renovated** : 2009 /  
**Area Sq Ft** : 3,961 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Jun-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 3155 **Lot** : 1 **BIN** : 2118309

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$14,500			\$200
Interior Architecture	\$3,700		\$1,000	
Electrical	\$12,300	\$100	\$100	\$100
Mechanical	\$1,700	\$800	\$800	\$700
Site Pavements	\$15,300			
<b>Total</b>	<b>\$47,600</b>	<b>\$900</b>	<b>\$1,900</b>	<b>\$1,000</b>
Importance Code A	\$16,000	\$200	\$200	\$400
Importance Code B	\$30,600	\$700	\$1,300	\$700
Importance Code C	\$1,000		\$400	
<b>Total</b>	<b>\$47,600</b>	<b>\$900</b>	<b>\$1,900</b>	<b>\$1,000</b>



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

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**POE PARK VISITOR CENTER**  
**Asset # : 14711**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal Panel	1%			2048	**	5-10	\$700	
Slate Panels	94%			LIFE	**	5	\$7,400	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Grade - Base Of Building</i>								
<i>Explanation : Caulking Deteriorated</i>								
Wood	5%	4+	\$2,800	2041	**	5	\$1,300	
<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>								
<i>Location : Window Frames</i>								
Windows								
Aluminum	95%			2044	**	5	\$900	
Metal Louvers	5%			2037	**	10	\$300	
Roof								
Metal Panel	85%	Now	\$9,700	2041	**			
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Facade At Low Point Of Seam Bisecting Faceted Roof</i>								
Modified Bitumen	15%	Now	\$2,100	2033	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North West Corner At Stair To Basement</i>								
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$10,400	
Ceramic Tile	20%			2037	**	5	\$1,200	
Interior Walls								
Cast in Place Concrete	35%			LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement Area Adjacent To Stair</i>								
Ceramic Tile	5%			2037	**	5	\$800	
Gypsum Board	60%			LIFE	**	5	\$5,500	
Ceilings								
Exposed Struc: Steel	40%			LIFE	**			
Gypsum Board	60%	Now	\$3,700	LIFE	**	5	\$4,400	
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : In Corridor Leading To Male Bathroom</i>								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2063	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$14,300	2041	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Sidewalk Area Adjacent To Grand Concourse</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**POE PARK VISITOR CENTER**  
**Asset # : 14711**

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

## Site Pavements

## On-Site Walkways

Asphalt	70%			2037	**			
Pavers/Stone	30%	Now	\$1,000	2037	**			

*Sinking/Subsiding, Extent : Moderate, Area Affected : 15%*

*Location : North West Corner Of Building - Pathway To Basement*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2054	**	5		
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement*

*Explanation : Main Service Switch Rated At 200 Amperes*

## Raceway

Conduit	100%			2054	**	1		
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## Panelboards

Fused Disc Sw	10%			2050	**	5		
Molded Case Bkrs	90%			2050	**	5	\$100	

## Wiring

Thermoplastic	100%			2054	**	1		
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## Motor Controllers

Locally Mounted	100%			2045	**	5		
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## Ground

## Grounding Devices

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

## Interior Lighting

Fluorescent	30%			2036	**	10	\$1,100	
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*T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%*

*Location : 1st Floor*

Fluorescent	67%			2036	**	10	\$2,400	
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*T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%*

*Location : Basement, 1st Floor And Office*

Fluorescent	3%			2036	**	10	\$100	
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*Compact Fluorescent Light, Extent : Light, Area Affected : 100%*

*Location : 1st Floor*

## Egress Lighting

Emergency, Service	50%			2036	**	1		
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Exit, LED	50%			2063	**	1		
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## Exterior Lighting

Fluorescent	20%			2036	**	10	\$100	
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*Compact Fluorescent Light, Extent : Light, Area Affected : 100%*

*Location : Outside*

No Component	80%							
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**DEPT. OF PARKS & RECREATION - 846**  
**POE PARK VISITOR CENTER**  
**Asset # : 14711**

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

## Alarm

Security System  
Generic

100% Now \$12,200 2038 \* \* 1 \$1,300  
*Not in Service, Extent : Light, Area Affected : 100%*  
*Location : 1st Floor*

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

## Heating

Energy Source

Natural Gas

100%

2048

\* \*

1

Conversion Equipment

Hot Water Boiler

100%

Now

\$1,500

2041

\* \*

1

\$1,800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : One High Efficiency Wall Mounted Boiler. According To The Manager, There Is Not Enough Heat For The Building.*

Distribution

Hot Wtr Piping/Pump

100%

2044

\* \*

4

\$300

Terminal Devices

Convactor/Radiator

80%

2041

\* \*

1

\$1,000

Unit Heater - Hot Water

20%

2033

\* \*

## Air Conditioning

Energy Source

Electricity

100%

2044

\* \*

1

Conversion Equipment

Split Unit

60%

2033

\* \*

*Other Observation, Extent : Light, Area Affected : 60%**Location : Attic**Explanation : 1 Unit. R-410a*

No Component

40%

Terminal Devices

Air Handler/Dir

60%

2033

\* \*

1

Expansion

No Component

40%

Heat Rejection

Air Cooled Condenser

60%

2033

\* \*

2

\$1,700

Unit

No Component

40%

## Ventilation

Distribution

Ductwork/Diffusers

70%

LIFE

\* \*

2-5

\$1,500

No Component

30%

Exhaust Fans

Interior

70%

2033

\* \*

2

\$100

No Component

30%

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**DEPT. OF PARKS & RECREATION - 846**  
**POE PARK VISITOR CENTER**  
**Asset # : 14711**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	H/C Water Piping Brass/Copper	100%			2048	**	1	
	Water Heater Electric	100%			2026	\$3,300	4	
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Sump Pump(s) Submersible	100%			2022	\$100	4	\$100
	Sewage Ejector(s) Electric	100%			2033	**	4	\$200
	Backflow Preventer Generic	100%			2033	**	1	\$200
	Fixtures Generic	100%						
<b>Fire Suppression</b>								
	Sprinkler No Component	60%						
	Generic	40%			2048	**	1-2	\$500

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK BOATHOUSE - 0012  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-12  
**Program / Asset #** : PAR0020.012 / 1057 **Yr Built/Renovated** : 1905 / 2002  
**Area Sq Ft** : 7,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Oct-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$173,700	\$149,700
Electrical		\$86,500
Mechanical		\$46,800
<b>Total</b>	<b>\$173,700</b>	<b>\$283,000</b>
Importance Code A	\$173,700	\$149,700
Importance Code B		\$133,300
<b>Total</b>	<b>\$173,700</b>	<b>\$283,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$20,700		\$6,800	\$2,400
Interior Architecture	\$25,300	\$1,500	\$200	\$100
Electrical	\$800	\$800	\$700	\$800
Mechanical	\$3,100	\$7,100	\$1,000	\$700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$53,800</b>	<b>\$13,300</b>	<b>\$12,700</b>	<b>\$8,000</b>
Importance Code A	\$21,100	\$400	\$7,200	\$2,800
Importance Code B	\$32,500	\$13,000	\$5,500	\$5,200
Importance Code C	\$200			
<b>Total</b>	<b>\$53,800</b>	<b>\$13,300</b>	<b>\$12,700</b>	<b>\$8,000</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	97%	2-4	\$173,700	LIFE	**	5	\$149,700	
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
Masonry: Granite	3%			LIFE	**	5	\$400	
Windows								
Wood	100%			2042	**	5	\$13,600	
Parapets								
Cast Stone/Terra Cotta	85%	2-4	\$11,000	LIFE	**	5	\$9,800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Cornice</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Cornice</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cornice</i>								
Metal Rail	15%			2043	**	5-10	\$4,000	
Roof								
Built-Up (BUR)	25%	2-4	\$1,900	2034	**			
<i>Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Clay Tile	50%	Now	\$1,800	2046	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : East Side Roof Edge Above A/ C Units</i>								
Plaza Roof: Stone Panels	25%	2-4	\$6,000	2052	**			
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout 2nd Floor Balcony</i>								
<i>Explanation : Pavers Cracking/popping</i>								
Interior								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%	Now	\$3,200	LIFE	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	10%			2029	\$29,500	5	\$1,100	
Cork Tile	5%			2052	**	5	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stage Area / First Floor</i>								
<i>Explanation : Cork Surface</i>								
Panel/Paver: Cer/Brk	45%			2034	**	5	\$11,100	
Sheet Vinyl/Rubber	10%			2034	**	5	\$1,600	
Vinyl Tile	5%	Now	\$5,200	2036	**	3	\$200	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood	15%			2041	**	5	\$3,100	
<b>Interior Walls</b>								
Cast Stone/Terra Cotta	50%			LIFE	**			
Ceramic Tile	5%			2035	**	5	\$400	
Masonry: Brick	15%			LIFE	**			
Granite Panels	5%			LIFE	**			
Plaster	25%			LIFE	**	5	\$500	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2039	**	5	\$500	
Masonry: Infill Arch	60%	Now	\$16,700	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : First Floor North And South Sides</i>								
Plaster	35%			LIFE	**	5	\$2,400	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Electrical Service Rated At 800 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2036	**	5		
<b>Raceway</b>								
Conduit	100%			2036	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Fused Disc Sw	2%			2034	**	5		
Molded Case Bkrs	98%			2034	**	5	\$200	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	5%			2026	\$900	10	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Bathroom, Electrical Room And Boiler Room</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	90%			2026	\$16,500	10	\$6,200	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Incandescent	5%			2026	\$2,200	2		
Egress Lighting								
Emergency, Battery	50%			2026	\$5,600	10	\$900	
Exit, Battery	50%			2026	\$3,800	10	\$300	
Exterior Lighting								
Fluorescent	50%			2026	\$13,400	10	\$300	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
HID	50%			2026	\$15,800	10		
Alarm								
Security System								
Generic	100%			2026	\$25,300	1	\$2,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Inside And Outside</i>						
		<i>Explanation : CCTV Surveillance Cameras</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2026	\$86,500	1-3	\$4,800	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Alarm Bells, Manual Pull Stations, Horns, Smoke Detectors</i>						

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

Heating

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	10%			2036	**	1		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : Baseboard Electric Radiant</i>								
Natural Gas	90%			2036	**	1		
<b>Conversion Equipment</b>								
Hot Water Boiler	90%			2031	**	1	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Boiler</i>								
Radiant Heater	10%			2026	\$13,900	2	\$400	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 4 Units</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	90%			2034	**	4	\$300	
No Component	10%							
<b>Terminal Devices</b>								
Convactor/Radiator	50%			2031	**	1	\$1,200	
Fan Coil Unit/Heat	40%			2026	\$46,800	1	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Not Accessible, At Two Sides Of First Floor Ceiling</i>								
<i>Explanation : Forced Air System Working Off Boiler Piping System</i>								
No Component	10%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		
<b>Conversion Equipment</b>								
Window/Wall Unit	10%			2021	\$1,600	1		
No Component	90%							
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$400	
No Component	90%							
<b>Exhaust Fans</b>								
Interior	10%			2026	\$2,800	2		
No Component	90%							
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	100%			2036	**	1		
<b>Water Heater</b>								
Gas Fired	100%			2021	\$4,800	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 - 75 Gallon Unit</i>								

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
Sanitary Piping	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Sewage Ejector(s)	Electric	100%	Now	\$2,300	2036	**	4	\$300
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Underground In Court Yard</i>								
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Underground In Court Yard</i>								
Backflow Preventer	Generic	100%			2026	\$2,000	1	\$500
Fixtures	Generic	100%						
<b>Vertical Transport</b>								
Elevators	Geared Traction	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st To 2nd Floor</i>								
<i>Explanation : 1 Unit</i>								
<b>Fire Suppression</b>								
Sprinkler	No Component	50%						
	Generic	50%			2046	**	1-2	\$1,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Only</i>								
<i>Explanation : Limited Coverage</i>								

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK CAROUSEL - 015B  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-15B  
**Program / Asset #** : PAR0020.15B / 870 **Yr Built/Renovated** : 1952 / 2001  
**Area Sq Ft** : 3,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 1117 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$43,400	
Interior Architecture		\$133,400
Electrical	\$43,800	
<b>Total</b>	<b>\$87,200</b>	<b>\$133,400</b>
Importance Code A	\$43,400	
Importance Code B	\$43,800	
Importance Code C		\$133,400
<b>Total</b>	<b>\$87,200</b>	<b>\$133,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$27,600	\$17,500		
Interior Architecture	\$44,000			
Electrical	\$400	\$34,200	\$400	\$400
<b>Total</b>	<b>\$72,000</b>	<b>\$51,800</b>	<b>\$400</b>	<b>\$400</b>
Importance Code A	\$27,600	\$17,600		
Importance Code B	\$400	\$34,200	\$400	\$400
Importance Code C	\$44,000			
<b>Total</b>	<b>\$72,000</b>	<b>\$51,800</b>	<b>\$400</b>	<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CAROUSEL - 015B**  
**Asset # : 870**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Exterior								
Exterior Walls								
	Cast in Place Concrete	8%	Now	\$6,200	LIFE	**	5	\$2,500
				<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Exterior Perimeter Walls</i>				
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 35%</i>				
				<i>Location : Foundation Walls</i>				
	Masonry: Brick	50%	Now	\$20,800	LIFE	**	5	\$3,100
				<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Above Foundation Wall At Corner Opposite Entrance</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Corner Wall Opposite Entrance</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Perimeter Walls At Corners</i>				
	Metal Coiling Doors	37%	Now	\$43,400	2031	**	5	\$3,600
				<i>Corrosion/Rusting, Extent : Light, Area Affected : 50%</i>				
				<i>Location : Various Locations</i>				
				<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Various Locations</i>				
	Wood	5%			2031	**	5	\$1,500
Windows								
	Wood	100%	0-2	\$600	2034	**	5	\$1,400
				<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Various Locations</i>				
Roof								
	Copper/Terne	5%			2041	**	10	\$1,100
	Metal Panel	95%			2031	**	10	\$15,600
Interior								
Floors								
	Cast in Place Concrete	100%			LIFE	**	5	\$15,600

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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CAROUSEL - 015B**  
**Asset # : 870**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	8%	Now	\$1,600	LIFE		**		
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Footing Adjacent To Entrance</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Buttress Footings</i>								
Folding Partition	27%	Now	\$26,700	2025	\$133,400	5	\$1,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : All Doors</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Perimeter Openings</i>								
<i>Explanation : Wood / Glass Partition Doors Used During Summer Months</i>								
Masonry: Brick	65%	Now	\$15,700	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Various Locations</i>								
<b>Ceilings</b>								
Exposed Struc: Wood	100%			LIFE		**		
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2026	\$1,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Main Electrical Service Rated At 200 Amperes</i>								
<b>Raceway</b>								
Conduit	100%			2026	\$4,200	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2025	\$8,300	5	\$100	
<b>Wiring</b>								
Thermoplastic	100%			2026	\$9,100	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE		**	5	\$100
<b>Lighting</b>								
<b>Interior Lighting</b>								
HID	5%			2026	\$1,700	10		
Incandescent	95%			2021	\$21,000	2	\$100	
<b>Alarm</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CAROUSEL - 015B**  
**Asset # : 870**

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

## Alarm

Security System  
Generic

100%      2021      \$12,800      1      \$1,400

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

*Location : Throughout The Building*

*Explanation : Intrusion Alarm Only; Motion Sensors*

Fire/Smoke Detection  
Generic, Analog

100%      2021      \$43,800      1-3      \$2,300

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

*Location : Throughout*

*Explanation : Pull Station And Bells*

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

## Plumbing

H/C Water Piping

Brass/Copper

5%

2036

\*\*

1

No Component

95%

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK LEFFERTS HOMESTEAD - 0028  
**Address** : FLATBUSH AVE AND EMPIRE BLVD  
**Borough** : BROOKLYN **Agency's Number** : B073-28  
**Program / Asset #** : PAR0020.028 / 182 **Yr Built/Renovated** : 1783 / 1918  
**Area Sq Ft** : 6,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Oct-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$657,500	
Interior Architecture	\$318,900	
<b>Total</b>	<b>\$976,400</b>	
Importance Code A	\$657,500	
Importance Code B	\$318,900	
<b>Total</b>	<b>\$976,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$6,600			
Interior Architecture	\$17,800			
Electrical	\$300	\$300	\$300	\$300
Mechanical	\$600	\$17,000	\$900	\$300
<b>Total</b>	<b>\$25,200</b>	<b>\$17,300</b>	<b>\$1,200</b>	<b>\$600</b>
Importance Code A	\$6,900	\$16,800	\$300	\$300
Importance Code B	\$500	\$500	\$900	\$300
Importance Code C	\$17,800			
<b>Total</b>	<b>\$25,200</b>	<b>\$17,300</b>	<b>\$1,200</b>	<b>\$600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**

**Asset # : 182**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	5%	Now	\$1,800	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood	95%	Now	\$384,000	2031	**	5	\$25,900	1
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Underside Of Porch Ceiling</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	100%	Now	\$4,800	2042	**	5	\$5,700	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Around Sills And Frames</i>								
Roof								
Wood Shingles	100%	Now	\$273,500	2041	**			1
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout Attic And Second Floor Rooms</i>								
Interior								
Floors								
Wood	100%	Now	\$273,000	2041	**	5	\$11,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout Attic And 2nd Floor</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Beams</i>								
<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 2nd Floor Beams Deflecting, Collapsing Plaster Ceiling Below</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Beams</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : First Floor Beams</i>								
<i>Uneven Surface, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Entry Foyer Floor Boards Cupping Due To Inability To Regulate Thermal Environment</i>								

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Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**

**Asset # : 182**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Masonry: Brick	10%	Now	\$1,500	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Attic Chimney</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement And Attic Chimney</i>								
Plaster	90%	Now	\$16,300	LIFE	**	5	\$1,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor Rooms</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Second Floor Bathroom And Various Locations Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<b>Ceilings</b>								
Plaster	100%	Now	\$45,900	LIFE	**	5	\$6,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Second Floor Bathroom And Various Other Locations</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout First Floor Rooms</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2046	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Nameplate Rating Available</i>								
<b>Raceway</b>								
Conduit	100%			2046	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2042	**	5	\$200	
<b>Wiring</b>								
Thermoplastic	100%			2046	**	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**  
**Asset # : 182**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	30%			2026	\$4,900	10	\$1,800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Upstairs</i>								
Fluorescent	70%			2026	\$11,400	10	\$4,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Exterior Lighting HID	100%			2026	\$28,200	10		
<b>Alarm</b>								
Security System Generic	100%			2026	\$22,600	1	\$2,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Intrusion Alarm System; Motion Sensors A</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2036	**	1		
Conversion Equipment Furnace	100%			2021	\$16,400	1	\$3,300	
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,700	
<b>Plumbing</b>								
H/C Water Piping Galvanized Steel	100%			2024	\$30,600	1		
Water Heater Gas Fired	100%			2024	\$4,300	2	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - 40 Gallon Unit</i>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Submersible	100%	Now	\$200	2021	\$200	4	\$100	
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Serves Ice Machine Drain</i>								
Fixtures Generic	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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**  
**Asset # : 182**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : PROSPECT PARK LEFRAK CENTER AT LAKESIDE  
Address : FLATBUSH,OCEAN AND PARKSIDE AVES  
Borough : BROOKLYN Agency's Number : 026A  
Program / Asset # : PAR0020.26A / 13455 Yr Built/Renovated : 2013 /  
Area Sq Ft : 30,000 Project Type : PARKS AND RECREATION  
Date of Survey : 22-Oct-2014 Landmark Status : SCENIC LANDMARK  
Areas Surveyed : Roof, Floors 1  
Block : 1117 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Interior Architecture		\$37,500
<b>Total</b>		<b>\$37,500</b>
Importance Code B		\$37,500
<b>Total</b>		<b>\$37,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Interior Architecture			\$4,300	\$9,800
Electrical	\$2,200	\$2,100	\$2,900	\$2,600
Mechanical	\$11,900	\$4,400	\$12,900	\$4,400
<b>Total</b>	<b>\$14,100</b>	<b>\$6,500</b>	<b>\$20,000</b>	<b>\$16,800</b>
Importance Code A	\$800	\$700	\$800	\$700
Importance Code B	\$13,300	\$5,800	\$19,200	\$11,800
Importance Code C				\$4,300
<b>Total</b>	<b>\$14,100</b>	<b>\$6,500</b>	<b>\$20,000</b>	<b>\$16,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFRAK CENTER AT LAKESIDE**

**Asset # : 13455**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5		
Masonry: Granite	60%			LIFE	**	5		
Metal Panel	5%			2052	**	5-10		
Metal Sect. OHD	5%			2043	**	5		
Mosaic Tile	5%			2052	**	10		
Stucco Cement	5%			2043	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fascia Below Roof Of Canopy Over Rink</i>								
<i>Explanation : Perimeter Surround</i>								
Window Wall	15%			2052	**	5		
<b>Parapets</b>								
Masonry: Granite	90%			LIFE	**	5		
Metal Rail	10%			2043	**	5-10		
<b>Roof</b>								
Plaza Roof: Stone Panels	25%			2052	**			
No Component	30%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Lanscaped Planting Beds W/walking Surfaces Cover Program Below</i>								
Not Accessible	45%							
<b>Interior</b>								
Floors								
Cast in Place Concrete	35%			LIFE	**	5	\$37,500	
Ceramic Tile	5%			2039	**	5	\$2,400	
Cork Tile	20%			2052	**	5	\$8,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Flooring Under Canopy, Surrounding Rink</i>								
<i>Explanation : Thick, Interlocking, Rubber Mats</i>								
Panel/Paver: Concrete	10%			2052	**			
Quarry Tile	5%			2043	**	5	\$3,700	
Sheet Vinyl/Rubber	25%			2034	**	5	\$18,400	
<b>Interior Walls</b>								
Ceramic Tile	20%			2039	**	5	\$13,700	
Concrete Masonry Unit	30%			LIFE	**	5	\$8,200	
Folding Partition	5%			2048	**	5	\$8,500	
Gypsum Board	20%			LIFE	**	5	\$8,200	
Metal Panel	10%			LIFE	**			
Granite Panels	15%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	15%			2043	**	5	\$7,300	
Exposed Concrete	25%			LIFE	**	5	\$1,900	
Gypsum Board	15%			LIFE	**	5	\$9,200	
Plaster	45%			LIFE	**	5	\$13,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underside Of Canopy Over Rink</i>								
<i>Explanation : Decorative Ceiling</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFRAK CENTER AT LAKESIDE**  
**Asset # : 13455**

Electrical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Under 600 Volts</b>							
Service Equipment							
Fused Disc Sw	100%			2052	**	5	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Electrical Room</i>							
<i>Explanation : Main Service Switch Rated At 2500 Amperes</i>							
<hr/>							
Transformers							
Dry Type	100%			2043	**	5	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Chiller Room</i>							
<i>Explanation : 2-750 Kva, 480/277 Volts</i>							
<hr/>							
Switchgear / Switchboard							
Fused Disc Sw	100%			2052	**	5	\$100
<hr/>							
Raceway							
Conduit	100%			2052	**	1	
<hr/>							
Panelboards							
Fused Disc Sw	15%			2048	**	5	\$100
Molded Case Bkrs	85%			2048	**	5	\$700
<hr/>							
Wiring							
Thermoplastic	100%			2052	**	1	
<hr/>							
Motor Controllers							
Locally Mounted	50%			2043	**	5	\$100
Variable Frequency Drive	50%			2043	**		
<hr/>							
<b>Ground</b>							
Grounding Devices							
Generic	100%			LIFE	**	5	\$400
<hr/>							
<b>Lighting</b>							
Interior Lighting							
Fluorescent	50%			2034	**	10	\$13,800
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Throughout The Building</i>							
<hr/>							
Incandescent	50%			2034	**	2	\$300
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Skating Rink</i>							
<i>Explanation : Halogen Bulbs</i>							
<hr/>							
Egress Lighting							
Exit, LED	50%			2061	**	1	
Exit, Service	50%			2034	**	1	
<hr/>							
Exterior Lighting							
HID	100%			2034	**	10	\$100
<hr/>							
<b>Alarm</b>							

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFRAK CENTER AT LAKESIDE**

**Asset # : 13455**

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

**Alarm**

Security System

No Component

60%

Generic

40%

2034

\*\*

1

\$4,500

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

*Location : Hallways, Outside And Skating Rink*

*Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital

100%

2034

\*\*

1-3

\$18,500

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

*Location : Throughout The Building*

*Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors*

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

**Heating**

Energy Source

Electricity

3%

2052

\*\*

1

Natural Gas

47%

2052

\*\*

1

No Component

50%

Conversion Equipment

Hot Water Boiler

47%

2043

\*\*

1

\$7,000

*Other Observation, Extent : Light, Area Affected : 47%*

*Location : Boiler Room*

*Explanation : 2 Units*

Radiant Heater

3%

2034

\*\*

2

\$400

*Other Observation, Extent : Light, Area Affected : 3%*

*Location : Entrance*

*Explanation : 2 Electric Heating Air Curtains*

No Component

50%

Distribution

Hot Wtr Piping/Pump

47%

2048

\*\*

4

\$1,000

No Component

53%

Terminal Devices

Fan Coil Unit/Heat

50%

2034

\*\*

1

\$4,800

No Component

50%

**Air Conditioning**

Energy Source

Electricity

100%

2048

\*\*

1

Conversion Equipment

Reciprocating

100%

2034

\*\*

1

\$13,900

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

*Location : AC Room*

*Explanation : 4 Sets 410a Refrigerant*

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LEFRAK CENTER AT LAKESIDE**

**Asset # : 13455**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Air Conditioning								
Distribution								
	CW & CHW Wtr Pipe/Pump	100%		2052	**	4	\$2,200	
Terminal Devices								
	Fan Coil - 4 Pipe	100%		2034	**	1	\$9,700	
Heat Rejection								
	Water Cooling Tower	100%		2030	**	2	\$30,200	
Ventilation								
Distribution								
	Ductwork/Diffusers	50%		LIFE	**	2-5	\$8,400	
	No Component	50%						
Exhaust Fans								
	Interior	40%		2034	**	2	\$400	
	Roof	10%		2034	**	2	\$100	
	No Component	50%						
Plumbing								
H/C Water Piping								
	Brass/Copper	100%		2052	**	1		
Water Heater								
	Gas Fired	100%		2025	\$19,100	2	\$400	
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
Storm Drain Piping								
	Cast Iron	50%		LIFE	**	1		
	No Component	50%						
Sewage Ejector(s)								
	Electric	100%		2034	**	4	\$1,200	
Backflow Preventer								
	Generic	100%		2034	**	1	\$1,800	
Fixtures								
	Generic	100%						
Fire Suppression								
Sprinkler								
	No Component	50%						
	Generic	50%		2052	**	1-2	\$4,200	
Chemical System								
	Generic	100%		2025	\$29,100	1-3	\$3,700	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : 002B  
**Program / Asset #** : PAR0020.069 / 13452 **Yr Built/Renovated** : 1913 /  
**Area Sq Ft** : 4,617 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Oct-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$198,800	
Interior Architecture	\$35,800	
Mechanical	\$73,200	
<b>Total</b>	<b>\$307,800</b>	
Importance Code A	\$235,900	
Importance Code B	\$71,900	
<b>Total</b>	<b>\$307,800</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$35,600			
Interior Architecture	\$71,700			\$1,500
Electrical	\$18,800	\$17,100	\$100	\$200
Mechanical	\$27,400	\$12,600	\$600	\$800
<b>Total</b>	<b>\$153,600</b>	<b>\$29,700</b>	<b>\$700</b>	<b>\$2,500</b>
Importance Code A	\$35,600	\$200	\$200	\$200
Importance Code B	\$105,700	\$29,500	\$500	\$2,200
Importance Code C	\$12,300			
<b>Total</b>	<b>\$153,600</b>	<b>\$29,700</b>	<b>\$700</b>	<b>\$2,500</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**

**Asset # : 13452**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	10%	Now	\$11,300	LIFE	**	5	\$1,300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 80%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
Masonry: Limestone	5%	0-2	\$5,800	LIFE	**	5	\$600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Entry</i>								
Stucco Cement	85%	Now	\$117,800	2031	**	5	\$18,300	
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 15%</i>								
<i>Location : East, West Facades</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East, West Facades And Various Locations Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North, East Facades</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stairs To Boiler Room</i>								
Windows								
Aluminum	50%	Now	\$1,000	2034	**	5	\$100	
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Perimeter Trim Delaminating</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Explanation : These Are Storm Windows Covering Wood Frame Windows</i>								
Wood	50%	Now	\$6,700	2051	**	5	\$1,100	1
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 10%</i>								
<i>Location : 2nd Floor Offices</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 65%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	100%	Now	\$10,800	2041	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North Facade</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**

**Asset # : 13452**

Architecture		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Metal Panel	100%	Now	\$81,000	2046	**			1
<i>Seams Open/Split, Extent : Severe, Area Affected : 25%</i>									
<i>Location : Above Second Floor Offices, At Perimeter</i>									
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>									
<i>Location : Throughout Second Floor Offices</i>									
Interior									
Floors									
	Carpet	30%	Now	\$29,300	2028	\$29,300	3	\$3,100	
<i>Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : 2nd Floor Offices</i>									
<i>Worn/Eroded, Extent : Severe, Area Affected : 55%</i>									
<i>Location : Administrative Offices</i>									
<i>Wrinkling, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Office Locations</i>									
	Cast in Place Concrete	10%			LIFE	**	5	\$1,500	
	Ceramic Tile	5%			2029	\$7,400	5	\$300	
	Vinyl Tile	55%	Now	\$35,800	2036	**	3	\$1,400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>									
<i>Location : Throughout</i>									
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Throughout</i>									
Interior Walls									
	Cast in Place Concrete	5%	Now	\$1,700	LIFE	**			
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 70%</i>									
<i>Location : Boiler Room</i>									
	Ceramic Tile	5%	Now	\$2,900	2029	\$14,600	5	\$200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 75%</i>									
<i>Location : Basement Ladies Restroom</i>									
	Plaster	90%	Now	\$7,700	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Basement, Basement Stairway</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Stairway To Basement And Basement</i>									
Ceilings									
	Plaster	100%	Now	\$30,100	LIFE	**	5	\$4,300	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Various Locations Throughout</i>									
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 35%</i>									
<i>Location : Chiefs Office And Second Floor 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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**

**Asset # : 13452**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,600	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$27,200	5	\$100	
Raceway								
Conduit	100%			2026	\$4,200	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$8,300	5	\$100	
Wiring								
Braided Cloth	30%	0-2	\$2,700	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	70%			2026	\$6,400	1		
Motor Controllers								
Locally Mounted	100%			2024	\$8,000	5		
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2021	\$11,300	10	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Egress Lighting								
Exit, Service	100%			2021	\$1,400	1		
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2031	**	1	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%	Now	\$16,000	2036	**	1-3	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Not In Service, Alarm Bells And Manual Pull Station</i>								

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**

**Asset # : 13452**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil	100%			2026	\$12,700	5	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - Buried 5,000 Gallon Tank For B-10 Fuel</i>								
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$37,100	2046	**	1	\$2,100	
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	\$2,300	2034	**	4	\$200	
<i>Corroded, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Basement</i>								
Terminal Devices								
Convactor/Radiator	60%			2024	\$15,500	1	\$900	
Fan Coil Unit/Heat	40%	Now	\$8,700	2026	\$28,800	1	\$500	
<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Fan And Temperature Controls Throughout</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	40%	Now	\$16,300	2036	**	1	\$800	
<i>Malfunctioning, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Basement</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Basement</i>								
Window/Wall Unit	40%			2021	\$4,000	1		
No Component	20%							
Distribution								
CW & CHW Wtr Pipe/Pump	40%			2026	\$1,900	4	\$100	
No Component	60%							
Terminal Devices								
Fan Coil - 4 Pipe	40%			2021	\$36,100	1	\$600	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2021	\$3,100	2	\$1,300	
No Component	60%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2024	\$21,100	1		

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**  
**Asset # : 13452**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Water Heater Oil Fired	100%			2021	\$4,000	1	\$100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - 32 Gallon Unit</i>								
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Fixtures Generic	100%						
<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Fire Suppression</b>								
	Sprinkler No Component Generic	80%			2026	\$9,400	1-2	\$300
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Explanation : Partially Sprinklered Basement</i>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK LITCHFIELD MANSION / VILLA  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-02A  
**Program / Asset #** : PAR0020.068 / 869 **Yr Built/Renovated** : 1850 / 2005  
**Area Sq Ft** : 17,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Oct-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4  
**Block** : 1117 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$449,800	
Interior Architecture	\$196,400	\$61,400
Electrical	\$201,700	\$221,200
Mechanical		\$446,400
<b>Total</b>	<b>\$847,900</b>	<b>\$729,100</b>
Importance Code A	\$449,800	
Importance Code B	\$360,000	\$729,100
Importance Code C	\$38,100	
<b>Total</b>	<b>\$847,900</b>	<b>\$729,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$60,400	\$2,400		
Interior Architecture	\$137,500	\$4,900		\$5,000
Electrical	\$22,000	\$11,200	\$1,200	\$1,500
Mechanical	\$3,100	\$49,600	\$2,900	\$2,300
<b>Total</b>	<b>\$223,100</b>	<b>\$68,200</b>	<b>\$4,100</b>	<b>\$8,800</b>
Importance Code A	\$62,200	\$4,200	\$1,700	\$1,700
Importance Code B	\$141,100	\$64,000	\$2,400	\$7,100
Importance Code C	\$19,800			
<b>Total</b>	<b>\$223,100</b>	<b>\$68,200</b>	<b>\$4,100</b>	<b>\$8,800</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**

**Asset # : 869**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	2%	Now	\$2,300	LIFE	**	5	\$3,600	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade - Face Of Slab Over Oil Tank Storage Space</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade - Face Of Slab Over Oil Tank Storage Space</i>								
Masonry: Brick	46%	Now	\$27,900	LIFE	**	5	\$16,600	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Masonry: Fieldstone	10%	Now	\$104,100	LIFE	**	5	\$2,700	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Rear Entrance To Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Rear Entrance To Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Exterior Basement Entry</i>								
<i>Explanation : Mis-aligned.</i>								
Granite Panels	2%	Now	\$4,300	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Sills</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Stucco Cement	25%	Now	\$58,200	2031	**	5	\$11,300	
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	15%	Now	\$120,400	2031	**	5	\$13,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Balconies, Balustrade, South Porch, And Connecting Corridor To Annex</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Columns Connecting Corridor To Annex</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**

**Asset # : 869**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Windows								
Wood	80%	Now	\$147,300	2051	**	5	\$23,600	
<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	20%	Now	\$19,700	2034	**	5	\$5,900	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	5%			LIFE	**	5	\$300	
Wood Cornice	95%	Now	\$14,400	2036	**	5	\$29,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	5%	Now	\$1,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Rear Entrance To Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Rear Entrance To Basement</i>								
Copper/Terne	72%	Now	\$4,000	2054	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Modified Bitumen	8%			2031	**	10	\$1,500	
Single Ply Membrane	5%			2031	**	10	\$900	
Skylight, Metal/Glass	10%	Now	\$6,200	2036	**			
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 2%</i>								
<i>Location : Skylight Centered Over Third Floor Formal Circle Railing</i>								
Interior								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**

**Asset # : 869**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	25%	Now	\$101,100	2028	\$101,100	3	\$10,700	
<i>Uneven Substrate, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Various Office Areas</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Office Areas</i>								
Cast in Place Concrete	10%	Now	\$6,600	LIFE	**	5	\$6,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various Basement Areas</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Various Basement Areas</i>								
Ceramic Tile	8%			2029	\$61,400	5	\$2,300	
Mosaic Tile	10%			2031	**	5	\$7,100	
Granite Panels	2%			LIFE	**	5	\$400	
Vinyl Tile	40%	Now	\$107,700	2036	**	3	\$4,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Upper Floors And Corridors</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout Upper Floors And Corridors</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood	5%			2041	**	5	\$2,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Parquet Flooring</i>								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,100	
Masonry: Brick	5%	Now	\$11,600	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Basement Storage Area</i>								
Plaster	80%	Now	\$38,100	LIFE	**	5	\$12,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement, Stairwells And Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Skylight, 2nd Floor Office - Recreation Dept</i>								
Wood	10%	Now	\$8,300	LIFE	**	5	\$21,300	
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1st Floor Conference Room</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
Plaster	90%	Now	\$50,600	LIFE	**	5	\$10,800	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 45%</i>								
<i>Location : Mens Toilet Room Basement Level</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Skylight, 2nd Floor Office - Recreation Dept</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Window Adjacent To Electrical Panels</i>								
Wood	10%	Now	\$10,100	LIFE	**	5	\$16,800	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Connecting Corridor To Annex</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Connecting Corridor To Annex</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Connecting Corridor To Annex</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,600	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 800 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$36,000	5	\$500	
Raceway								
Conduit	70%			2026	\$24,400	1		
Conduit	30%			2046	**	1		
Panelboards								
Molded Case Bkrs	30%			2042	**	5	\$100	
Molded Case Bkrs	70%			2025	\$11,600	5	\$300	
Wiring								
Braided Cloth	70%	2-4	\$21,600	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2026	\$9,300	1		
Motor Controllers								
Locally Mounted	100%			2024	\$33,600	5	\$100	

## Ground

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices Generic	100%			LIFE	**	5	\$300	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2026	\$175,500	10	\$14,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	5%			2026	\$9,800	10	\$800	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
Incandescent	5%			2021	\$9,800	2		
<b>Alarm</b>								
Security System No Component Generic	70%							
	30%			2031	**	1	\$2,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : CCTV Surveillance Cameras</i>						
Fire/Smoke Detection Generic, Analog	100%	Now	\$201,700	2036	**	1-3	\$9,800	
		<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Fuel Oil	100%			2036	**	5	\$5,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Vault</i>						
		<i>Explanation : 1 - 1,000 Gallon Tank For B-10 Fuel</i>						
Conversion Equipment Steam Boiler	100%			2031	**	1	\$17,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution Central Plant Steam Piping/Pmp	100%			2026	\$308,800	4	\$900	
Terminal Devices Convactor/Radiator	100%			2024	\$97,700	1	\$5,700	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2034	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Conversion Equipment								
	Window/Wall Unit	75%			2021	\$28,500	1	
	No Component	25%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	10%			LIFE	**	2-5	\$1,000
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Makeup Air For Boiler</i>					
	No Component	90%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	50%			2036	**	1	
	Galvanized Steel	50%			2024	\$40,000	1	
Water Heater								
	Electric	100%			2021	\$16,100	4	\$200
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 1 - 52 Gallon Unit</i>					
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Submersible	100%			2020	\$600	4	\$600
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : Connected To Indirect Drain With Garden Hose</i>					
Fixtures								
	Generic	100%						
			<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK PICNIC HOUSE - 0003  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-03  
**Program / Asset #** : PAR0020.003 / 1055 **Yr Built/Renovated** : 1926 / 2005  
**Area Sq Ft** : 10,866 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$49,100	
Interior Architecture	\$41,900	
Electrical		\$45,700
Mechanical		\$87,500
<b>Total</b>	<b>\$91,000</b>	<b>\$133,200</b>
Importance Code A	\$49,100	
Importance Code B	\$41,900	\$133,200
<b>Total</b>	<b>\$91,000</b>	<b>\$133,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$60,200		\$16,100	
Interior Architecture	\$18,600	\$700	\$200	
Electrical	\$3,500	\$800	\$800	\$600
Mechanical	\$21,800	\$4,300	\$2,400	\$2,600
<b>Total</b>	<b>\$104,100</b>	<b>\$5,800</b>	<b>\$19,600</b>	<b>\$3,200</b>
Importance Code A	\$61,400	\$1,100	\$17,300	\$1,100
Importance Code B	\$42,700	\$4,700	\$2,300	\$2,200
Importance Code C				
<b>Total</b>	<b>\$104,100</b>	<b>\$5,800</b>	<b>\$19,600</b>	<b>\$3,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$10,400	
Masonry: Brick	70%	Now	\$49,100	LIFE	**	5	\$14,600	
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Archway At 2nd Floor Terrace / Stair Landing</i>								
Masonry: Brick Cavity	8%			LIFE	**	5	\$1,700	
Masonry: Limestone	10%	Now	\$25,400	LIFE	**	5	\$1,600	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Archway At 2nd Floor Terrace / Stair Landing</i>								
Metal Coiling Doors	2%			2039	**	5	\$1,300	
Windows								
Wood	100%			2042	**	5	\$32,200	
Parapets								
Masonry: Brick Cavity	7%			LIFE	**	5	\$300	
Pre-Cast Concrete	3%			LIFE	**	5	\$800	
Wood Cornice	90%	Now	\$33,900	2036	**	5	\$21,400	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	10%	Now	\$900	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Above Lower Entry On East Facade</i>								
Clay Tile	90%			2046	**	10	\$10,800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$2,000	
Quarry Tile	5%			2039	**	5	\$1,300	
Sheet Vinyl/Rubber	5%			2031	**	5	\$1,300	
Terrazzo	30%	4+	\$5,600	LIFE	**	5	\$4,200	
<i>Horizontal Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : First Floor Hallway</i>								
Vinyl Tile	10%			2031	**	3	\$700	
Wood	45%			2054	**	5	\$15,100	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$300	
Gypsum Board	10%			LIFE	**	5	\$1,000	
Masonry: Brick	45%			LIFE	**			
Plaster	15%			LIFE	**	5	\$800	
SGFT/Glazed Masonry	25%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

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

## Interior

## Ceilings

Acous Tile Susp. Lay-In	10%			2039	**	5	\$1,800	
Exposed Concrete	10%			LIFE	**	5	\$300	
Exposed Struc: Steel	50%	4+	\$41,900	LIFE	**			

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

*Location : Throughout*

Plaster	25%			LIFE	**	5	\$2,800	
Plaster	5%	Now	\$13,100	LIFE	**	5	\$600	

*Water Penetration, Extent : Moderate, Area Affected : 100%*

*Location : At Lower Entry On East Facade*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2026	\$1,600	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Switch Rated At 400 Amperes*

## Switchgear / Switchboard

Molded Case Bkrs	100%			2026	\$27,200	5	\$300	
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## Raceway

Conduit	100%			2026	\$4,200	1		
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## Panelboards

Molded Case Bkrs	100%			2025	\$8,300	5	\$300	
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## Wiring

Braided Cloth	30%	2-4	\$2,700	2051	**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

Thermoplastic	70%			2026	\$6,400	1		
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## Motor Controllers

Locally Mounted	100%			2024	\$16,000	5	\$100	
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## Ground

## Grounding Devices

Not Accessible	100%							
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*Other Observation, Extent : Light, Area Affected : 0%*

*Location :*

*Explanation : Covered With Insulation*

## Lighting

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	20%			2026	\$5,800	10	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	40%			2026	\$11,600	10	\$4,400	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	40%			2026	\$27,800	2	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2026	\$9,000	10	\$1,400	
Exit, Battery	50%			2026	\$6,100	10	\$400	
<b>Exterior Lighting</b>								
HID	100%			2026	\$45,700	10		
<b>Alarm</b>								
Fire/Smoke Detection Generic, Digital	100%			2031	**	1-3	\$6,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	10%			2046	**	1		
Fuel Oil	90%			2046	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Basement</i>								
<i>Explanation : B-10 Fuel</i>								
Conversion Equipment Radiant Heater	10%			2026	\$22,100	2	\$600	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Electric Baseboard In Place</i>								
Steam Boiler	90%			2031	**	1	\$10,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Boiler Sections Replaced</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Boiler</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Central Plant Steam Piping/Pmp	90%	0-2	\$19,000	2036	**	4	\$500	
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
No Component	10%							
Terminal Devices								
Air Handler	50%			2026	\$87,500	1	\$3,700	
Convactor/Radiator	40%			2039	**	1	\$1,500	
No Component	10%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Split Unit	40%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Basement</i>								
<i>Explanation : 4 Units</i>								
No Component	60%							
Terminal Devices								
Fan Coil - 2 Pipe	40%			2031	**	1	\$1,500	
No Component	60%							
Heat Rejection								
Dry Cooler	40%			2031	**	2	\$3,300	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	**	2-5	\$1,000	
No Component	85%							
Exhaust Fans								
Interior	15%			2026	\$6,600	2	\$100	
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
Water Heater								
Electric	100%			2025	\$11,000	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2020	\$400	4	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Single Pump</i>								
Fixtures								
Generic	100%							

## Fire Suppression

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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Fire Suppression	Sprinkler							
	Generic	100%			2046	**	1-2	\$3,300

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-25  
**Program / Asset #** : PAR0020.025 / 889 **Yr Built/Renovated** : 1855 / 2010  
**Area Sq Ft** : 31,664 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$254,400	
Interior Architecture	\$51,000	\$856,700
Electrical	\$682,600	\$244,200
Mechanical	\$58,700	\$1,065,600
<b>Total</b>	<b>\$1,046,600</b>	<b>\$2,166,500</b>
Importance Code A	\$254,400	
Importance Code B	\$792,300	\$2,166,500
<b>Total</b>	<b>\$1,046,600</b>	<b>\$2,166,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$47,500			
Interior Architecture	\$68,600	\$1,200		\$300
Electrical	\$31,100	\$29,000	\$2,700	\$3,300
Mechanical	\$5,200	\$11,900	\$4,300	\$3,300
<b>Total</b>	<b>\$152,500</b>	<b>\$42,200</b>	<b>\$7,000</b>	<b>\$7,000</b>
Importance Code A	\$49,100	\$1,600	\$1,600	\$1,600
Importance Code B	\$103,400	\$40,500	\$5,400	\$5,400
Importance Code C				
<b>Total</b>	<b>\$152,500</b>	<b>\$42,200</b>	<b>\$7,000</b>	<b>\$7,000</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$153,900	LIFE	**	5	\$22,900	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Fieldstone	5%	Now	\$7,400	LIFE	**	5	\$1,100	
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Addition</i>								
Metal Panel	10%	Now	\$2,400	2036	**	5	\$5,700	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout North, South And East Facades</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Facade</i>								
Wood Overhead Doors	10%	Now	\$21,500	2031	**	5	\$7,600	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Facade</i>								
Windows								
Wood	100%	Now	\$16,200	2051	**	5	\$2,600	1
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal Cornice	100%	Now	\$49,200	2041	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade, South Facade</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade, South Facade</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade, South Facade</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Exterior</b>									
<b>Roof</b>									
Asphalt Shingle	55%			2039	**	10	\$3,800		
Modified Bitumen	30%			2034	**	10	\$12,500		
Skylight, Metal/Glass	15%	Now	\$51,200	2036	**				
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : North And South End Skylights</i>									
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Repair Shops</i>									
<b>Interior</b>									
<b>Floors</b>									
Cast in Place Concrete	50%	Now	\$28,200	LIFE	**	5	\$53,200		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : First Floor</i>									
Vinyl Tile 9" X 9"	5%	Now	\$29,800	2036	**	3	\$900		
<i>Adhesion Failure, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Offices</i>									
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
Wood	45%			2029		5	\$41,000		
<b>Interior Walls</b>									
Concrete Masonry Unit	10%			LIFE	**	5	\$900		
Masonry: Brick	80%			LIFE	**				
Wood	10%			LIFE	**	5	\$9,400		
<b>Ceilings</b>									
AcousTile,Adhered	5%			2031	**	5	\$2,400		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Blacksmith Shop</i>									
<i>Explanation : Metal Panels</i>									
Exposed Struc: Wood	75%	Now	\$51,000	LIFE	**				
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout - North Shed</i>									
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Throughout</i>									
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Second Floor Shop</i>									
Gypsum Board	5%			LIFE	**	5	\$3,000		
Plaster	15%	Now	\$10,700	LIFE	**	5	\$4,600		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>									
<i>Location : Locker Room; First Floor</i>									

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
	Fused Disc Sw	100%			2026	\$2,800	5	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 2000 Amperes</i>								
<b>Switchgear / Switchboard</b>								
	Fused Disc Sw	100%			2026	\$36,000	5	\$100
<b>Raceway</b>								
	Conduit	100%			2026	\$34,900	1	
<b>Panelboards</b>								
	Fused Disc Sw	20%			2025	\$5,000	5	\$100
	Molded Case Bkrs	80%			2025	\$20,000	5	\$700
<b>Wiring</b>								
	Braided Cloth	80%	2-4	\$24,700	2051	**	1	
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
	Thermoplastic	20%			2026	\$6,200	1	
<b>Motor Controllers</b>								
	Locally Mounted	100%			2024	\$67,300	5	\$200
<b>Ground</b>								
<b>Grounding Devices</b>								
	Not Accessible	100%						
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
	Automatic	100%			2031	**	1	\$9,700
<b>Lighting</b>								
<b>Interior Lighting</b>								
	Fluorescent	90%			2021	\$317,600	10	\$26,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
	Fluorescent	2%			2026	\$7,100	10	\$600
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
	Fluorescent	4%			2026	\$14,100	10	\$1,200
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Storage Room</i>								
	HID	4%			2026	\$9,600	10	
<b>Egress Lighting</b>								
	Exit, Service	100%	Now	\$5,000	2036	**	1	
<i>Not Functioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

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

## Lighting

## Exterior Lighting

## Fluorescent

10%

2026

\$11,300

10

\$300

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%**Location : Outside*

## HID

90%

2026

\$119,800

10

\$100

## Alarm

## Fire/Smoke Detection

## Generic, Analog

100%

0-2

\$365,000

2036

\* \*

1-3

\$17,700

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Office**Explanation : Obsolete Equipment, Alarm Bells*

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

## Heating

## Energy Source

## Fuel Oil

100%

2036

\* \*

5

\$9,800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Parking Lot**Explanation : Fuel B-10*

## Conversion Equipment

## Hot Water Boiler

100%

2031

\* \*

1

\$15,700

*Boiler Used For Hot Water, Extent : Light, Area Affected : 100%**Location : Basement**Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 1 Boiler*

## Distribution

## Hot Wtr Piping/Pump

100%

2025

\$51,400

4

\$2,300

## Terminal Devices

## Convactor/Radiator

10%

2024

\$17,700

1

\$1,000

## Fan Coil Unit/Heat

90%

2026

\$444,900

1

\$9,200

*Other Observation, Extent : Moderate, Area Affected : 30%**Location : 2nd Floor**Explanation : Not Enough Heat For 2nd Floor, More Fan Coil Units Needed*

## Air Conditioning

## Energy Source

## Electricity

100%

2034

\* \*

1

## Conversion Equipment

## Window/Wall Unit

5%

2024

\$3,400

1

## No Component

95%

## Ventilation

## Distribution

## Ductwork/Diffusers

20%

LIFE

\* \*

2-5

\$3,500

## No Component

80%

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ventilation</b>								
	Exhaust Fans							
	Interior	50%		2021	\$58,700	2	\$500	
	Wall Unit	25%		2021	\$2,900	2	\$200	
	No Component	25%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%		2026	\$246,100	1		
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Sump Pump(s)							
	Submersible	100%		2020	\$1,100	4	\$1,000	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Single Unit</i>					
<b>Fixtures</b>								
	Generic	100%						
<b>Fire Suppression</b>								
	Sprinkler							
	Generic	100%		2026	\$323,200	1-2	\$8,900	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK TENNIS HOUSE - 0005  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-05  
**Program / Asset #** : PAR0020.005 / 1056 **Yr Built/Renovated** : 1932 / 2001  
**Area Sq Ft** : 7,725 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$186,200	
Electrical	\$89,000	
Mechanical		\$90,300
<b>Total</b>	<b>\$275,200</b>	<b>\$90,300</b>
Importance Code A	\$186,200	
Importance Code B	\$89,000	\$90,300
<b>Total</b>	<b>\$275,200</b>	<b>\$90,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$48,000		\$1,300	
Interior Architecture	\$84,100	\$400		\$300
Electrical	\$500	\$8,600	\$500	\$500
Mechanical	\$11,400	\$5,800	\$900	\$700
<b>Total</b>	<b>\$144,100</b>	<b>\$14,900</b>	<b>\$2,700</b>	<b>\$1,500</b>
Importance Code A	\$48,400	\$400	\$1,700	\$400
Importance Code B	\$93,800	\$14,500	\$1,100	\$1,100
Importance Code C	\$1,900			
<b>Total</b>	<b>\$144,100</b>	<b>\$14,900</b>	<b>\$2,700</b>	<b>\$1,500</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Exterior								
Exterior Walls								
	Masonry: Brick	40%			LIFE	**	5	\$7,900
	Masonry: Granite	15%	Now	\$78,000	LIFE	**	5	\$2,200
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : At Building Base</i>				
				<i>Staining/Discoloring, Extent : Severe, Area Affected : 25%</i>				
				<i>Location : North Facade</i>				
				<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Building Perimeter, Stairs</i>				
	Masonry: Limestone	45%	0-2	\$108,100	LIFE	**	5	\$6,700
				<i>Staining/Discoloring, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Center Pavilion And North Facade</i>				
Windows								
	Steel	15%			2042	**	5	\$2,500
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 35%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Metal Grilles At Window Openings</i>				
	Wood	85%	Now	\$21,600	2034	**	5	\$5,800
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>				
				<i>Location : Throughout</i>				
				<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>				
				<i>Location : Basement Windows</i>				
Parapets								
	Masonry: Limestone	100%	Now	\$8,100	LIFE	**	5	\$600
				<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>				
				<i>Location : Cornice</i>				
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Cornice</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Cornice</i>				
				<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
Roof								
	Clay Tile	100%	Now	\$18,400	2046	**		
				<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : At Both Chimneys, Water In 2nd Floor Offices</i>				

## Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	25%	Now	\$6,300	LIFE	**	5	\$6,000	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Basement And Boiler Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Boiler Room And Basement.</i>								
<i>Explanation : Staining.</i>								
Ceramic Tile	7%			2029	\$16,500	5	\$800	
Mosaic Tile	15%	Now	\$21,900	2031	**	5	\$2,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Terrace</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Center Pavilion</i>								
Quarry Tile	5%			2031	**	5	\$800	
Terrazzo	28%	Now	\$31,700	LIFE	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 8%</i>								
<i>Location : Terrace</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Center Pavilion.</i>								
Vinyl Tile	20%	Now	\$20,700	2036	**	3	\$800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$100	
Gypsum Board	50%			LIFE	**	5	\$2,200	
Plaster	30%	Now	\$1,900	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	15%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	2%	Now	\$1,600	LIFE	**	5		
<i>Exposed Reinforcement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
Gypsum Board	15%			LIFE	**	5	\$2,100	
Masonry: Infill Arch	50%			LIFE	**			
Plaster	33%			LIFE	**	5	\$2,300	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
Service Equipment								
Not Accessible	100%							

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts								
Transformers								
Not Accessible	100%							
Feeder								
Not Accessible	100%							
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated At 200 Amperes</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	**	5		
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Fused Disc Sw	50%			2034	**	5	\$100	
Molded Case Bkrs	50%			2034	**	5	\$100	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	90%			2026	\$16,900	10	\$6,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	10%			2026	\$1,900	10	\$700	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Egress Lighting								
Emergency, Battery	50%			2021	\$5,800	10	\$900	
Exit, Service	50%			2021	\$1,200	1		
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	\$7,800	1	\$900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : CCTV Surveillance Cameras</i>						

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**DEPT. OF PARKS & RECREATION - 846  
PROSPECT PARK TENNIS HOUSE - 0005  
Asset # : 1056**

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

**Alarm**

Fire/Smoke Detection Generic, Digital	100%			2021	\$89,000	1-3	\$4,800	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells And Horns*

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

**Heating**

Energy Source Fuel Oil	100%			2026	\$21,200	5	\$2,400	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement*

*Explanation : B-10 Fuel*

Conversion Equipment Hot Water Boiler	100%			2039	* *	1	\$3,800	
------------------------------------------	------	--	--	------	-----	---	---------	--

*Boiler Used For Hot Water, Extent : Light, Area Affected : 100%*

*Location : Boiler Room*

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

*Location : Boiler Room*

*Explanation : 1 Unit*

Distribution Hot Wtr Piping/Pump	100%			2025	\$12,600	4	\$600	
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Terminal Devices Convactor/Radiator	95%			2031	* *	1	\$2,400	
Fan Coil Unit/Heat	5%			2026	\$6,000	1	\$100	

**Air Conditioning**

Energy Source Electricity	100%			2034	* *	1		
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Conversion Equipment Interior Pkg Unit - Cooling	30%	Now	\$9,000	2024	\$90,300	2	\$100	
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*Not in Service, Extent : Severe, Area Affected : 30%*

*Location : Kitchen*

*R-22 Refrigerant, Extent : Light, Area Affected : 100%*

*Location : Basement*

Window/Wall Unit	10%			2020	\$1,700	1		
No Component	60%							

**Ventilation**

Distribution Ductwork/Diffusers	30%			LIFE	* *	2-5	\$1,300	
No Component	70%							

Exhaust Fans Interior	30%			2026	\$8,600	2	\$100	
No Component	70%							

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2036	**	1		
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%			2021	\$1,200	4	\$200	
Sewage Ejector(s) Electric	100%			2021	\$2,300	4	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Court Yard</i>								
<i>Explanation : 2 Sets</i>								
<b>Fixtures</b>								
Generic	100%							
<b>Fire Suppression</b>								
Sprinkler No Component	70%							
Generic	30%			2036	**	1-2	\$600	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-23  
**Program / Asset #** : PAR0020.023 / 887 **Yr Built/Renovated** : 1855 / 2001  
**Area Sq Ft** : 15,912 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1,1M  
**Block** : 1117 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,351,700	\$355,700
Interior Architecture	\$394,800	\$118,900
Electrical	\$55,500	\$66,900
Mechanical		\$193,500
<b>Total</b>	<b>\$1,801,900</b>	<b>\$735,000</b>
Importance Code A	\$1,351,700	\$355,700
Importance Code B	\$207,300	\$316,400
Importance Code C	\$242,900	\$62,900
<b>Total</b>	<b>\$1,801,900</b>	<b>\$735,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$16,200	\$3,500		
Interior Architecture	\$35,100			\$700
Electrical	\$7,400	\$23,400		
Mechanical	\$6,300	\$6,800	\$2,000	\$1,400
<b>Total</b>	<b>\$65,100</b>	<b>\$33,800</b>	<b>\$2,000</b>	<b>\$2,200</b>
Importance Code A	\$17,000	\$4,400	\$800	\$800
Importance Code B	\$48,000	\$29,400	\$1,200	\$1,400
Importance Code C				
<b>Total</b>	<b>\$65,100</b>	<b>\$33,800</b>	<b>\$2,000</b>	<b>\$2,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$63,300	
Masonry: Brick	62%	Now	\$263,600	LIFE	**	5	\$78,500	
			<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : West Facade</i>					
Masonry: Sandstone	3%	0-2	\$16,200	LIFE	**	5	\$2,800	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : South Facade</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : South Facade</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Bluestone</i>					
Wood	25%	0-2	\$369,700	2031	**	5	\$79,100	
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Wood Doors</i>					
Windows								
Wood	100%	Now	\$431,000	2051	**	5	\$69,000	1
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Parapets								
Copper/Terne	100%	Now	\$195,500	2046	**	5	\$65,800	
			<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Main Entrance And Throughout</i>					

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Roof</b>								
Copper/Terne	5%			2041	**	10	\$3,500	
Skylight, Metal/Glass	10%	Now	\$46,600	2036	**			
<i>Air Infiltration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 30%</i>								
<i>Location : East Storage Shed</i>								
Slate	85%	Now	\$45,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Roof Surface</i>								
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Northwest Corner, Interior Courtyard - Rodents Entering Building</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	4%	Now	\$16,500	2028	\$16,500	3	\$1,700	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout Administrative Office</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Administrative Office</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Throughout Administrative Office</i>								
<i>Wrinkling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout Administrative Office</i>								
Cast in Place Concrete	88%			LIFE	**	5	\$56,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	4%	0-2	\$7,500	2029	\$25,100	5	\$600	
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Locker Rooms</i>								
Vinyl Tile	4%	0-2	\$11,000	2036	**	3	\$400	
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Ceramic Tile	3%			2029	\$62,900	5	\$2,000	
Concrete Masonry Unit	10%			LIFE	**	5	\$2,700	
Gypsum Board	5%			LIFE	**	5	\$2,000	
Masonry: Brick	82%	Now	\$242,900	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Area Facing West Side</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Storage Area Facing West Side</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	50%	Now	\$104,100	LIFE	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lawn Mower Storage Space</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Structural Supports</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Forestry Storage Space On The West Side</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
Exposed Struc: Steel	35%	Now	\$47,700	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Storage Shed and Throughout</i>								
Plaster	15%			LIFE	**	5	\$2,700	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	**	5	\$100	
Raceway								
Conduit	80%			2026	\$3,300	1		
Conduit	20%			2036	**	1		
Panelboards								
Molded Case Bkrs	80%			2025	\$6,700	5	\$300	
Molded Case Bkrs	20%			2034	**	5	\$100	
Wiring								
Braided Cloth	80%	2-4	\$7,300	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	30%			2021	\$11,600	10	\$4,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	5%			2026	\$1,900	10	\$700	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Locker Room</i>								
HID	5%			2021	\$7,200	10		
Incandescent	60%			2021	\$55,500	2	\$200	
<b>Exterior Lighting</b>								
HID	100%			2026	\$66,900	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source Fuel Oil	100%			2036	**	5	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Vault</i>								
<i>Explanation : 2 - 1,000 Gallon Tanks For B-10 Fuel</i>								
Conversion Equipment Hot Water Boiler	100%			2039	**	1	\$7,900	
Distribution Hot Wtr Piping/Pump	100%	Now	\$1,300	2025	\$25,900	4	\$800	
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Various Areas</i>								
Terminal Devices Convactor/Radiator	80%			2024	\$71,000	1	\$4,100	
Fan Coil Unit/Heat	20%			2026	\$49,700	1	\$1,000	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2034	**	1		
Conversion Equipment Window/Wall Unit	10%			2024	\$3,500	1		
No Component	90%							
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	50%			LIFE	**	2-5	\$4,400	
No Component	50%							
Exhaust Fans Interior	50%			2026	\$29,500	2	\$200	
Wall Unit	50%			2021	\$3,000	2	\$200	
<b>Plumbing</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Plumbing</b>									
H/C Water Piping	Galvanized Steel	100%			2024	\$72,800	1		
Water Heater	Electric	20%			2020	\$2,900	4		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Shop</i>						
			<i>Explanation : 1 - 10 Gallon Unit</i>						
	Oil Fired	80%			2024	\$11,000	1	\$400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Boiler Room</i>						
			<i>Explanation : 1 - 65 Gallon Unit</i>						
Sanitary Piping	Cast Iron	100%			LIFE	**	1		
Sump Pump(s)	Submersible	100%			2020	\$600	4	\$500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Boiler Room</i>						
			<i>Explanation : Single Unit</i>						
<b>Fixtures</b>									
	Generic	100%							

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-22A  
**Program / Asset #** : PAR0020.22A / 871 **Yr Built/Renovated** : 1855 / 2010  
**Area Sq Ft** : 8,850 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1117 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$389,400	\$288,100
Interior Architecture	\$42,000	
Electrical	\$16,800	\$114,100
Mechanical	\$41,800	\$78,100
<b>Total</b>	<b>\$490,000</b>	<b>\$480,200</b>
Importance Code A	\$431,200	\$288,100
Importance Code B	\$58,800	\$192,200
<b>Total</b>	<b>\$490,000</b>	<b>\$480,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$37,300	\$500		
Interior Architecture	\$49,600		\$100	
Electrical	\$29,800	\$1,500	\$100	\$100
Mechanical	\$20,000	\$40,400	\$1,700	\$1,300
<b>Total</b>	<b>\$136,700</b>	<b>\$42,400</b>	<b>\$1,900</b>	<b>\$1,400</b>
Importance Code A	\$37,500	\$1,200	\$700	\$700
Importance Code B	\$68,000	\$41,200	\$1,100	\$700
Importance Code C	\$31,300			
<b>Total</b>	<b>\$136,700</b>	<b>\$42,400</b>	<b>\$1,900</b>	<b>\$1,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	\$50,600	LIFE	**	5	\$15,100	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Facade</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 30%</i>								
<i>Location : At Window Door Openings, Building Corners</i>								
Metal Coiling Doors	5%	Now	\$57,300	2046	**	5	\$1,400	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : East Facade</i>								
Wood Overhead Doors	12%	Now	\$15,300	2031	**	5	\$5,400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Glass Panels</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade</i>								
Windows								
Wood	100%	Now	\$139,800	2051	**	5	\$22,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Brick	87%	Now	\$55,400	LIFE	**	5	\$4,300	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Parge/Tar Separating, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Perimeter At Base Of Parapet</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Roof Side Of Parapet</i>								
Metal Panel	5%			2046	**	5	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Wall</i>								
<i>Explanation : Coping</i>								
Pre-Cast Concrete	8%	Now	\$6,300	LIFE	**	5	\$2,500	
<i>Open Joints, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Coping</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Coping Stone</i>								
Roof								
Modified Bitumen	80%	Now	\$86,400	2026			\$288,100	
<i>Alligatoring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Blisters, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Top</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	20%	Now	\$15,700	2036	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Repair Shop</i>								
Interior								
Floors								
Cast in Place Concrete	95%	Now	\$15,200	LIFE	**	5	\$28,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	5%			2034	**	3	\$300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

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

## Interior

## Interior Walls

Masonry: Brick

100% Now \$31,300 LIFE \*\*  
*Broken/Missing Elements, Extent : Moderate, Area Affected : 10%*  
*Location : North Shop Garage Door Surround*  
*Diagonal Cracks, Extent : Moderate, Area Affected : 10%*  
*Location : North Shop*  
*Recent Repair Evident, Extent : Light, Area Affected : 85%*  
*Location : Throughout*

## Ceilings

Exposed Concrete

85% Now \$42,000 LIFE \*\* 5 \$1,800  
*Paint Peeling, Extent : Severe, Area Affected : 10%*  
*Location : Sheet Metal Shop*  
*Recent Repair Evident, Extent : Light, Area Affected : 85%*  
*Location : Throughout*

Exposed Struc: Wood  
Gypsum Board

13% LIFE \*\*  
 2% Now \$3,100 LIFE \*\* 5 \$300  
*Loose/Delam Surface, Extent : Severe, Area Affected : 100%*  
*Location : West Addition*

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

## Under 600 Volts

## Raceway

Conduit

100% 2026 \$34,900 1

## Panelboards

Fused Disc Sw

50% 2025 \$8,300 5 \$100

Molded Case Bkrs

50% 2025 \$8,300 5 \$100

## Wiring

Braided Cloth

80% 2-4 \$24,700 2051 \*\* 1  
*Insulation Aged, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*

Thermoplastic

20% 2026 \$6,200 1

## Motor Controllers

Locally Mounted

100% 2024 \$16,800 5 \$100

## Lighting

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	78%			2026	\$76,900	10	\$6,300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	2%			2021	\$2,000	10	\$200	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
Fluorescent	5%	0-2	\$4,900	2036		* *		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Sign Shop</i>								
<i>Explanation : T-12 Lamps, Inadequate Lighting Level</i>								
Fluorescent	15%			2021	\$14,800	10	\$1,200	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting Exit, Service	100%			2026	\$1,400	1		
Exterior Lighting HID	100%			2026	\$37,200	10		

**Alarm**

Security System No Component Generic	70%			2026	\$8,900	1	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Fuel Oil	100%			2036		* *	\$2,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Vault</i>								
<i>Explanation : 1 - 2,000 Gallon Tank For B-10 Fuel Serves Hot Water Boiler, 1 - 1,000 Gallon Tank For B-10 Fuel Serves Steam Boiler</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Heating</b>								
Conversion Equipment								
Hot Water Boiler	30%			2043	**	1	\$1,300	
<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 30%</i>								
<i>Location : Sign Shop Boiler Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Sign Shop Boiler Room</i>								
<i>Explanation : 1 Unit, For Sign Shop</i>								
Steam Boiler	70%	0-2	\$41,800	2046	**	1	\$5,500	
<i>Corroded, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Steam Boiler</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Auto Shop Vault</i>								
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Auto Shop Vault</i>								
<i>Explanation : 1 Unit, For Auto Shop</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	50%			2025	\$7,200	4	\$300	
Central Plant Steam Piping/Pmp	50%			2026	\$78,100	4	\$200	
<b>Terminal Devices</b>								
Convactor/Radiator	30%			2031	**	1	\$900	
Fan Coil Unit/Heat	70%			2034	**	1	\$2,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 70%</i>								
<i>Location : Auto Shop</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Window/Wall Unit	30%			2020	\$5,800	1		
No Component	70%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	25%			LIFE	**	2-5	\$1,200	
No Component	75%							
Exhaust Fans								
Interior	25%			2021	\$8,200	2	\$100	
Roof	50%			2026	\$7,700	2	\$100	
Wall Unit	25%			2031	**	2	\$100	
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%	Now	\$12,100	2031	**	1		
<i>Corroded, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
Water Heater								
Electric	70%			2025	\$5,700	4	\$100	
No Component	30%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Not Energy Efficient, Separate Hot Water Heater Is Recommended</i>								
<hr/>								
Sanitary Piping								
Cast Iron	100%	Now	\$1,400	LIFE	**	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Entrance To The Vault</i>								
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
<hr/>								
Sump Pump(s)								
Non-Submersible	100%			2034	**	4	\$200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Auto Shop Vault</i>								
<hr/>								
<b>Fixtures</b>								
Generic	100%							
<hr/>								
<b>Fire Suppression</b>								
Chemical System								
Generic	100%			2021	\$29,100	1-3	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Gas Refill Station</i>								
<i>Explanation : 2 Sets</i>								
<hr/>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK MAINT GARAGE 2 BOROUGH CREWS  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES  
**Borough** : BROOKLYN **Agency's Number** : B073-24  
**Program / Asset #** : PAR0020.024 / 888 **Yr Built/Renovated** : 1855 /  
**Area Sq Ft** : 12,549 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Oct-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1117 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$684,400	
Interior Architecture	\$141,500	
Electrical	\$137,000	\$83,400
Mechanical		\$293,400
<b>Total</b>	<b>\$962,900</b>	<b>\$376,900</b>
Importance Code A	\$684,400	
Importance Code B	\$186,500	\$376,900
Importance Code C	\$92,100	
<b>Total</b>	<b>\$962,900</b>	<b>\$376,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$49,100	\$5,500		
Interior Architecture	\$80,800	\$800		\$700
Electrical	\$25,000	\$17,900	\$100	\$100
Mechanical	\$3,300	\$7,000	\$1,100	\$1,000
<b>Total</b>	<b>\$158,200</b>	<b>\$31,100</b>	<b>\$1,300</b>	<b>\$1,800</b>
Importance Code A	\$49,800	\$6,200	\$600	\$600
Importance Code B	\$108,500	\$25,000	\$700	\$1,200
Importance Code C				
<b>Total</b>	<b>\$158,200</b>	<b>\$31,100</b>	<b>\$1,300</b>	<b>\$1,800</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 2 BOROUGH CREWS**  
**Asset # : 888**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$249,500	LIFE	**	5	\$24,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South West Corner</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Facade</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	2%	Now	\$34,800	2046	**	5	\$900	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : East Facade</i>								
<i>Deformed/Dented, Extent : Severe, Area Affected : 20%</i>								
<i>Location : West Facade</i>								
Wood Overhead Doors	8%			2031	**	5	\$11,000	
Windows								
Steel								
	25%	Now	\$42,400	2051	**	5	\$4,600	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	75%	Now	\$68,300	2051	**	5	\$10,900	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 5%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 2 BOROUGH CREWS**  
**Asset # : 888**

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
<b>Exterior</b>								
<b>Parapets</b>								
Masonry: Brick	42%	Now	\$11,600	LIFE	**	5	\$1,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	8%	Now	\$2,700	LIFE	**	5	\$2,200	
<i>Open Joints, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Underside Of Coping</i>								
Wood Cornice	50%	Now	\$39,800	2036	**	5	\$12,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Fascia On West Facade; Soffits On The South Side</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Asphalt Shingle	30%	2-4	\$37,700	2041	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Built-Up (BUR)	40%	2-4	\$198,300	2036	**			2
<i>Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal, Corrugated	30%	Now	\$48,300	2046	**	1		
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North East Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

**Interior**

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 2 BOROUGH CREWS**  
**Asset # : 888**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	70%	Now	\$16,900	LIFE	**	5	\$32,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Quarry Tile	5%			2031	**	5	\$1,600	
Vinyl Tile	25%	Now	\$49,400	2036	**	3	\$2,000	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor</i>								
<b>Interior Walls</b>								
Masonry: Brick	65%	Now	\$92,100	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Garage Door Perimeter Of Opening</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Stairs</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Wall In Stair Tower.</i>								
Plaster	35%			LIFE	**	5	\$3,400	
<b>Ceilings</b>								
Exposed Concrete	35%	Now	\$13,100	LIFE	**	5	\$1,100	
<i>Exposed Reinforcement, Extent : Light, Area Affected : 30%</i>								
<i>Location : Boiler Room</i>								
Exposed Struc: Steel	30%	4+	\$29,400	LIFE	**			
<i>Paint Peeling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	35%	Now	\$21,400	LIFE	**	5	\$4,600	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : West Garage Ceiling</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Rooms</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,600	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$36,000	5	\$100	
Raceway								
Conduit	100%			2026	\$34,900	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 2 BOROUGH CREWS**  
**Asset # : 888**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	10%			2034	**	5		
Molded Case Bkrs	20%			2034	**	5	\$100	
Molded Case Bkrs	70%			2025	\$11,600	5	\$200	
<b>Wiring</b>								
Braided Cloth	80%	2-4	\$24,700	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2026	\$6,200	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	98%			2021	\$137,000	10	\$11,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
HID	2%			2021	\$1,900	10		
<b>Exterior Lighting</b>								
HID	90%			2026	\$47,500	10		
Incandescent	10%			2021	\$4,500	2		
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2026	\$12,700	1	\$1,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Fuel Oil	100%			2036	**	5	\$3,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : B-10 Fuel, 1,000 Gallon Tank</i>								
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2031	**	1	\$6,200	
<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								

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



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 2 BOROUGH CREWS**  
**Asset # : 888**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Distribution								
Hot Wtr Piping/Pump	100%			2025	\$20,400	4	\$900	
Terminal Devices								
Fan Coil Unit/Heat	100%			2026	\$195,900	1	\$4,100	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	\$2,700	1		
No Component	90%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$700	
No Component	90%							
Exhaust Fans								
Roof	10%			2026	\$2,200	2		
Wall Unit	20%			2021	\$900	2	\$100	
No Component	70%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2026	\$97,500	1		
Water Heater								
Electric	20%			2020	\$2,300	4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 2nd Floor Bathroom</i>						
		<i>Explanation : 1 - 6 Gallon Unit</i>						
No Component	80%							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	**	1		
No Component	50%							
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QNS FARM MUSEUM - CREEDMOOR PARK COW BARN  
**Address** : 73-50 LITTLE NECK PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0245.050 / 14510 **Yr Built/Renovated** : 1933 / 2006  
**Area Sq Ft** : 2,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8401 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$600			
Interior Architecture		\$300		
Electrical				
<b>Total</b>	<b>\$600</b>	<b>\$300</b>		
Importance Code A	\$600			
Importance Code B		\$300		
Importance Code C				
<b>Total</b>	<b>\$600</b>	<b>\$300</b>		



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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK COW BARN**

**Asset # : 14510**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Exterior</b>									
Exterior Walls									
Wood	75%			2039	**	5	\$14,200		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
	<i>Location : Throughout</i>								
	<i>Explanation : This Component Is Actually Wood Shingles</i>								
Wood Overhead Doors	25%			2039	**	5	\$4,700		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
	<i>Location : North Facade</i>								
	<i>Explanation : This Component Is Actually Wood Swinging Barn Doors</i>								
Windows									
Wood	100%	Now	\$600	2034	**	5	\$300		
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
	<i>Location : Throughout</i>								
	<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
	<i>Location : Throughout</i>								
<b>Roof</b>									
Asphalt Shingle	100%			2035	**	10	\$400		
<b>Interior</b>									
<b>Floors</b>									
Cast in Place Concrete	75%			LIFE	**	5	\$2,100		
Wood	25%			2041	**	5	\$600		
<b>Interior Walls</b>									
Wood	100%			LIFE	**	5	\$13,200		
<b>Ceilings</b>									
Exposed Struc: Wood	100%			LIFE	**				
<b>Electrical</b>									
<b>System Component Type</b>		<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>									
Raceway									
Conduit	100%			2036	**	1			
<b>Panelboards</b>									
Molded Case Bkrs	100%			2034	**	5	\$100		
<b>Wiring</b>									
Thermoplastic	100%			2036	**	1			
<b>Lighting</b>									
<b>Interior Lighting</b>									
Incandescent	100%			2026		\$11,600	2		
<b>Exterior Lighting</b>									
Incandescent	100%			2026		\$7,100	2		
<b>Mechanical</b>									
<b>System Component Type</b>		<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK COW BARN**

**Asset # : 14510**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%			2036	**	1	
	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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QNS FARM MUSEUM - CREEDMOOR PARK EDUCATION BLDG.  
**Address** : 73-50 LITTLE NECK PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0245.040 / 14509 **Yr Built/Renovated** : 1930 / 1990  
**Area Sq Ft** : 576 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8401 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**  
 Importance Code  
**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$1,500	\$1,900		
Interior Architecture				
Electrical				
Mechanical		\$1,600	\$100	
<b>Total</b>	<b>\$1,500</b>	<b>\$3,400</b>	<b>\$100</b>	
Importance Code A	\$1,500	\$3,300		
Importance Code B		\$100		
Importance Code C				
<b>Total</b>	<b>\$1,500</b>	<b>\$3,400</b>	<b>\$100</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK EDUCATION BLDG.**

**Asset # : 14509**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$800	
Wood	25%			2031	**	5	\$3,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
<i>Explanation : Wood Doors</i>								
Wood	70%			2039	**	5	\$10,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wood Shingles</i>								
Windows								
Wood	100%			2034	**	5	\$1,600	
<b>Roof</b>								
Asphalt Shingle	100%	Now	\$1,500	2035	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Side</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Side</i>								
<b>Interior</b>								
Floors								
Panel/Paver: Cer/Brk	100%			2034	**	5	\$2,100	
Interior Walls								
Wood	100%			LIFE	**	5	\$7,900	
Ceilings								
Exposed Struc: Wood	100%			LIFE	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Molded Case Bkrs	100%			2034	**	5		
Wiring								
Thermoplastic	100%			2036	**	1		
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2026	\$1,400	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
HID	100%			2026	\$2,400	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.

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK EDUCATION BLDG.**

**Asset # : 14509**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Energy Source							
	Fuel Oil No 2	100%			2036	**	5	\$200
	Conversion Equipment							
	Furnace	100%			2021	\$1,400	1	\$300
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Utility Room</i>					
			<i>Explanation : 1 Unit</i>					
	Distribution							
	Ductwork/Diffusers	20%			LIFE	**	2-5	\$100
	No Component	80%						
	Terminal Devices							
	Fan Coil Unit/Heat	100%			2026	\$9,000	1	\$200

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

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

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QNS FARM MUSEUM - CREEDMOOR PARK GREENHOUSE COMPLEX  
**Address** : 73-50 LITTLE NECK PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0245.020 / 14507 **Yr Built/Renovated** : 1934 / 1989  
**Area Sq Ft** : 6,113 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 8401 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$329,300	\$131,200
<b>Total</b>	<b>\$329,300</b>	<b>\$131,200</b>
Importance Code A	\$329,300	\$131,200
<b>Total</b>	<b>\$329,300</b>	<b>\$131,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$18,600	\$8,900		
Interior Architecture	\$25,900			
Electrical	\$100	\$800	\$200	\$100
Mechanical	\$6,600	\$500	\$700	\$500
<b>Total</b>	<b>\$51,200</b>	<b>\$10,300</b>	<b>\$900</b>	<b>\$600</b>
Importance Code A	\$18,900	\$9,200	\$300	\$300
Importance Code B	\$6,300	\$1,000	\$600	\$300
Importance Code C	\$25,900			
<b>Total</b>	<b>\$51,200</b>	<b>\$10,300</b>	<b>\$900</b>	<b>\$600</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK GREENHOUSE COMPLEX**

**Asset # : 14507**

Architecture		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Cast in Place Concrete	25%			LIFE	**	5	\$14,900		
Masonry: Brick	10%			LIFE	**	5	\$1,200		
Window Wall	40%			2036	**	5	\$17,900		
Wood	25%	Now	\$17,400	2031	**	5	\$7,400		
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Entrance Wing</i>									
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Wood Shingles</i>									
Windows									
Wood	100%	Now	\$72,900	2051	**	5	\$11,700		
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Greenhouses</i>									
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Greenhouses</i>									
Roof									
Asphalt Shingle	25%	Now	\$1,300	2029			\$12,600		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Over Entrance</i>									
Sloped Glazing	75%	Now	\$256,400	LIFE	**	5	\$131,200	1	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>									
<i>Location : Greenhouses</i>									
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Greenhouses</i>									
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>									
<i>Location : Greenhouses</i>									
Interior									
Floors									
Cast in Place Concrete	75%			LIFE	**	5	\$15,000		
Wood	25%			2054	**	5	\$4,300		
Interior Walls									
Cast in Place Concrete	15%	Now	\$19,200	LIFE	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Greenhouses</i>									
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>									
<i>Location : Basement</i>									
Gypsum Board	30%			LIFE	**	5	\$1,600		
Wood	15%	Now	\$6,700	LIFE	**	5	\$5,400		
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Walls Adjacent To Greenhouse Areas</i>									
No Component	40%								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK GREENHOUSE COMPLEX**  
**Asset # : 14507**

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

## Interior

## Ceilings

Gypsum Board	25%			LIFE	**	5	\$2,900	
Plaster	25%			LIFE	**	5	\$1,400	
No Component	50%							

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

## Under 600 Volts

## Raceway

Conduit	100%			2046	**	1		
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## Panelboards

Fused Disc Sw	5%			2042	**	5		
Molded Case Bkrs	95%			2042	**	5	\$200	

## Wiring

Thermoplastic	100%			2046	**	1		
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## Motor Controllers

Locally Mounted	100%			2039	**	5		
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## Lighting

## Interior Lighting

Fluorescent	88%			2026	\$13,100	10	\$4,900	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

Fluorescent	2%			2026	\$300	10	\$100	
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*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*

*Location : 2nd Floor*

Incandescent	10%			2026	\$3,600	2		
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## Egress Lighting

Emergency, Battery	50%			2031	**	10	\$700	
Exit, Service	50%			2031	**	1		

## Exterior Lighting

Incandescent	100%			2026	\$21,800	2		
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## Alarm

## Security System

No Component	70%							
Generic	30%			2026	\$6,200	1	\$700	

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

*Location : Inside*

*Explanation : CCTV Surveillance Cameras*

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

## Heating

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK GREENHOUSE COMPLEX**  
**Asset # : 14507**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2036	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	\$3,000	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 2 Units</i>					
Distribution								
Hot Wtr Piping/Pump	100%			2034	* *	4	\$300	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : First Floor</i>					
			<i>Explanation : Water Heating Distribution Underneath The Green House</i>					
Terminal Devices								
Convactor/Radiator	90%	Now	\$6,100	2039	* *	1	\$1,600	
			<i>Leak Evident, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Throughout Except The Gift Shop</i>					
Fan Coil Unit/Heat	10%			2026	\$9,500	1	\$200	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	50%			2036	* *	1		
Galvanized Steel	50%			2031	* *	1		
Water Heater								
Gas Fired	100%			2024	\$3,900	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%	Now		2031	* *	4	\$200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 1 Unit, Manual Operation Only</i>					
Backflow Preventer								
Generic	100%			2031	* *	1	\$400	
Fixtures								
Generic	100%							

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

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.  
**Address** : 73-50 LITTLE NECK PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0245.030 / 14508 **Yr Built/Renovated** : 1932 / 1990  
**Area Sq Ft** : 3,407 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 8401 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**  
 Importance Code  
**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$23,400		\$200	
Interior Architecture	\$11,400	\$1,900	\$500	
Electrical	\$200	\$400	\$300	\$200
Mechanical	\$1,100	\$2,100	\$900	\$600
<b>Total</b>	<b>\$36,100</b>	<b>\$4,400</b>	<b>\$1,900</b>	<b>\$900</b>
Importance Code A	\$23,600	\$200	\$400	\$200
Importance Code B	\$12,500	\$4,200	\$1,500	\$700
Importance Code C				
<b>Total</b>	<b>\$36,100</b>	<b>\$4,400</b>	<b>\$1,900</b>	<b>\$900</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.**

**Asset # : 14508**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Wood	70%			2039	**	5	\$25,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Actually Wood Shingles</i>								
Wood Overhead Doors	30%	Now	\$15,600	2031	**	5	\$5,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : South Facade</i>								
<i>Explanation : This Component Is Actually Wood Swinging Barn Doors</i>								
<b>Windows</b>								
Wood	60%			2042	**	5	\$400	
Wood	40%			2034	**	5	\$300	
<b>Roof</b>								
Asphalt Shingle	95%			2035	**	10	\$1,500	
Skylight, Metal/Glass	5%	Now	\$7,800	2046	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Second Floor</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	20%			2025	\$14,500	3	\$1,500	
Cast in Place Concrete	5%			LIFE	**	5	\$600	
Ceramic Tile	5%			2035	**	5	\$300	
Wood	40%			2041	**	5	\$3,800	
Wood	30%	Now	\$11,300	2054	**	5	\$1,400	
<i>Deflection Evident, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$100	
Gypsum Board	65%			LIFE	**	5	\$2,200	
Wood	30%			LIFE	**	5	\$6,800	
<b>Ceilings</b>								
Embossed Metal	20%			LIFE	**	5	\$300	
Gypsum Board	80%			LIFE	**	5	\$3,600	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								

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

Under 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.**

**Asset # : 14508**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2036	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Main Service Switch Rated At 400 Amperes</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	**	5	\$100	
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Fused Disc Sw	50%			2034	**	5		
Molded Case Bkrs	50%			2034	**	5		
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	2%			2026	\$400	10	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	5%			2026	\$1,100	10	\$200	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Offices</i>						
Fluorescent	5%			2026	\$1,100	10	\$200	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Offices</i>						
Incandescent	88%			2031	**	2	\$100	
Egress Lighting								
Emergency, Battery	50%			2026	\$2,600	10	\$400	
Exit, Service	50%			2026	\$600	1		
Exterior Lighting								
Fluorescent	80%			2026	\$9,700	10	\$200	
		<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
HID	20%			2026	\$2,900	10		
<b>Lightning Protection</b>								
Arresters/Cabling								
Generic	100%			2041	**	5	\$100	
<b>Alarm</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.**

**Asset # : 14508**

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

**Alarm**

Security System

No Component

70%

Generic

30%

2031

\*\*

1

\$400

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

*Location : Inside And Outside*

*Explanation : CCTV Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital

100%

2031

\*\*

1-3

\$2,100

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

*Location : Throughout The Building*

*Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights And Horns*

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

**Heating**

Energy Source

Natural Gas

100%

2036

\*\*

1

Conversion Equipment

Hot Water Boiler

100%

2031

\*\*

1

\$1,700

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

*Location : Basement*

*Explanation : One Unit*

Distribution

Hot Wtr Piping/Pump

100%

2025

\$5,500

4

\$300

Terminal Devices

Convactor/Radiator

100%

2024

\$19,000

1

\$1,100

**Air Conditioning**

Energy Source

Electricity

100%

2042

\*\*

1

Conversion Equipment

Exterior Pkg Unit -

Cooling

70%

2034

\*\*

2

\$100

*Other Observation, Extent : Light, Area Affected : 70%*

*Location : Court Yard*

*Explanation : 1 Temporary Unit With R134 Refrigerant*

No Component

30%

**Ventilation**

Distribution

Ductwork/Diffusers

50%

LIFE

\*\*

2-5

\$1,000

No Component

50%

Exhaust Fans

Roof

50%

Now

\$300

2026

\$2,900

2

*Not in Service, Extent : Severe, Area Affected : 10%*

*Location : Roof*

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.*

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.**

**Asset # : 14508**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	70%			2036	**	1	
	Galvanized Steel	30%			2024	\$4,700	1	
Water Heater								
	Gas Fired	50%			2021	\$1,100	2	
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 1 Unit</i>					
	Gas Fired	50%			2025	\$1,100	2	
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 1 Unit</i>					
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Submersible	50%			2020	\$100	4	\$100
	No Component	50%						
Fixtures								
	Generic	100%						
<b>Fire Suppression</b>								
Sprinkler								
	Generic	100%			2036	**	1-2	\$1,000
Chemical System								
	Generic	100%			2024	\$29,100	1-3	\$3,700

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

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

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



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QNS FARM MUSEUM - CREEDMOOR PARK JACOB ADRIANCE HOUSE  
**Address** : 73-50 LITTLE NECK PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0181.000 / 4533 **Yr Built/Renovated** : 1772 / 1986  
**Area Sq Ft** : 5,914 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2014 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,atc  
**Block** : 8401 **Lot** : 1 **BIN** : 4438378

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$55,400	\$89,300
Interior Architecture		\$324,900
<b>Total</b>	<b>\$55,400</b>	<b>\$414,200</b>
Importance Code A	\$55,400	\$89,300
Importance Code B		\$324,900
<b>Total</b>	<b>\$55,400</b>	<b>\$414,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$6,400			
Interior Architecture			\$13,000	
Electrical	\$100	\$54,800		
Mechanical	\$700	\$800	\$1,600	\$500
<b>Total</b>	<b>\$7,100</b>	<b>\$55,500</b>	<b>\$14,700</b>	<b>\$500</b>
Importance Code A	\$6,600		\$200	
Importance Code B	\$600	\$55,500	\$14,500	\$500
Importance Code C				
<b>Total</b>	<b>\$7,100</b>	<b>\$55,500</b>	<b>\$14,700</b>	<b>\$500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK JACOB ADRIANCE HOUSE**

**Asset # : 4533**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	3%			LIFE	**	5	\$200	
Masonry: Fieldstone	7%			LIFE	**	5	\$400	
Wood	90%	Now	\$55,400	2031	**	5	\$18,700	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Actually Wood Shingles.</i>								
<b>Windows</b>								
Wood	100%	Now	\$6,400	2034	**	5	\$3,800	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 2nd Floor</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Wood Shingles	100%			2029	\$89,300	10	\$1,200	
<b>Interior</b>								
<b>Floors</b>								
Carpet	10%			2022	\$12,600	3	\$1,300	
Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
Wood	80%			2029	\$324,900	5	\$13,300	
<b>Interior Walls</b>								
Concrete Masonry Unit	2%			LIFE	**	5		
Masonry: Fieldstone	20%			LIFE	**			
Plaster	58%			LIFE	**	5	\$800	
Wood	20%			LIFE	**	5	\$3,700	
<b>Ceilings</b>								
Embossed Metal	15%			LIFE	**	5	\$600	
Exposed Struc: Wood	25%			LIFE	**			
Plaster	60%			LIFE	**	5	\$3,300	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated At 600 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2036	**	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK JACOB ADRIANCE HOUSE**

**Asset # : 4533**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Raceway								
Conduit	50%			2026	\$2,100	1		
Conduit	45%			2036	**	1		
Tray	5%			2031	**	1		
Panelboards								
Fused Disc Sw	10%			2034	**	5		
Molded Case Bkrs	90%			2025	\$7,500	5	\$100	
<i>Covers Missing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Boiler Room</i>								
Wiring								
Thermoplastic	100%			2036	**	1		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	5%			2021	\$700	10	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	95%			2021	\$32,600	2	\$100	
Exterior Lighting								
Incandescent	100%			2021	\$21,100	2		
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	100%			2046	**	1		
Conversion Equipment								
Heat Pump Air Sourced	50%			2030	**	2	\$900	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Back Yard</i>								
<i>Explanation : 1 Unit</i>								
No Component	50%							
Terminal Devices								
Fan Coil Unit/Heat	50%			2034	**	1	\$1,000	
No Component	50%							
<b>Air Conditioning</b>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK JACOB ADRIANCE HOUSE**

**Asset # : 4533**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Heat Pump Air Sourced	50%			2030	**	2	\$200	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Back Yard, Evap Condenser Unit</i>						
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2	\$3,800	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	**	1	\$3,700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Electric	100%			2025	\$5,400	4	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 50 Gal. Residential Type</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2021	\$200	4	\$200	
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RANDALLS ISLAND ICAHN STADIUM  
**Address** : 1 RANDALLS ISLAND  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0055.015 / 14363 **Yr Built/Renovated** : 2004 /  
**Area Sq Ft** : 49,771 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Nov-2017 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1,2,3  
**Block** : 1819 **Lot** : 203 **BIN** : 1087582

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$174,400
Interior Architecture	\$89,400	\$89,600
Electrical		\$45,600
Mechanical		\$1,680,900
<b>Total</b>	<b>\$89,400</b>	<b>\$1,990,600</b>
Importance Code A		\$174,400
Importance Code B	\$89,400	\$1,816,200
<b>Total</b>	<b>\$89,400</b>	<b>\$1,990,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$100		\$23,400	\$17,500
Interior Architecture	\$62,100	\$3,700	\$2,300	\$2,900
Electrical	\$11,200	\$4,300	\$4,800	\$5,800
Mechanical	\$37,400	\$6,300	\$26,000	\$6,300
Site Pavements	\$4,000			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$118,800</b>	<b>\$18,200</b>	<b>\$60,500</b>	<b>\$36,500</b>
Importance Code A	\$100		\$23,400	\$17,500
Importance Code B	\$84,100	\$18,200	\$37,100	\$17,900
Importance Code C	\$34,600			\$1,000
<b>Total</b>	<b>\$118,800</b>	<b>\$18,200</b>	<b>\$60,500</b>	<b>\$36,500</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
Exterior Walls								
Fiberglass Panel	15%			2038	**	5	\$35,100	
Metal, Corrugated	65%			2049	**	1		
Metal Sect. OHD	10%			2042	**	5	\$19,500	
Metal: Cage/Fence	10%			2042	**	5	\$27,300	
Windows								
Aluminum	100%			2045	**	5	\$100	
Parapets								
Metal Panel	15%			2049	**	5		
Metal Rail	85%			2042	**	5-10		
Roof								
Single Ply Membrane	100%			2034	**	10	\$174,400	
Soffits								
Metal Panel	100%			2049	**	5-10		
<b>Interior</b>								
Floors								
Carpet	10%			2030	**	3	\$11,200	
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Offices</i>					
Cast in Place Concrete	55%	Now	\$8,700	LIFE	**	5	\$89,600	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Entrance Stair At Top Step</i>					
			<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Entrance Stair At Top Step</i>					
Ceramic Tile	5%			2038	**	5	\$3,700	
Traffic Topping	5%			2034	**	5	\$4,700	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Bathroom, Shower Areas, Mechanical Rooms</i>					
			<i>Explanation : This Is Actually A Resinous Fluid Applied Finish System</i>					
Vinyl Tile	25%			2034	**	3	\$7,000	
Interior Walls								
Cast in Place Concrete	20%			LIFE	**	10	\$20,600	
Ceramic Tile	5%			2038	**	5	\$2,100	
Gypsum Board	40%	Now	\$3,500	LIFE	**	5	\$9,900	
			<i>Vertical Cracks, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Over Doorways In The Main Corridor</i>					
Metal Panel	35%			LIFE	**	10	\$6,500	
			<i>Other Observation, Extent : Light, Area Affected : 35%</i>					
			<i>Location : At Concessions</i>					
			<i>Explanation : Corrugated Metal Walls And Roll Ups</i>					

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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%	Now	\$2,500	2042	**	5	\$7,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Examination Room No.1</i>								
<i>Explanation : Ceiling Tile Damaged From Water Leak</i>								
Exposed Concrete	15%			LIFE	**	5-10	\$14,000	
Exposed Struc: Steel	60%			LIFE	**	10	\$89,400	
Gypsum Board	5%			LIFE	**	5-10	\$12,800	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2049	**			
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	70%	Now	\$4,000	2032	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Entry</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Front Entry</i>								
Pavers/Stone	30%			2038	**			
<b>Parking/Driveway</b>								
Asphalt	100%			2032	**			
<b>Activity Yard</b>								
Traffic Topping	100%			2034	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2049	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2- Main Service Switches Rated At 1200 Amperes Each</i>								
<b>Transformers</b>								
Dry Type	100%			2042	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 150 Kilo-volt-ampere, 75 Kilo-volt-ampere, 30 Kilo-volt-ampere, 480/208/120 Volts</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2049	**	5	\$1,300	
<b>Raceway</b>								
Conduit	100%			2049	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2045	**	5	\$1,300	

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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Wiring								
	Thermoplastic	100%			2049	**	1	
Motor Controllers								
	Locally Mounted	100%			2042	**	5	\$300
Ground								
Grounding Devices								
	Generic	100%			LIFE	**	5	\$1,500
Stand-by Power								
Transfer Switches								
	Automatic	100%			2042	**	1	\$15,300
Generators								
	Diesel	100%			2038	**	1	\$19,300
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : 2nd Floor Generator Room</i>				
				<i>Explanation : Emergency Generator Rated At 60 Kilowatt</i>				
Batteries								
	Lead/Acid	100%			2023	\$1,500	5	\$1,800
Fuel Storage								
	Day Tank	100%			2045	**	5	\$9,200
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Generator Room</i>				
				<i>Explanation : 75 Gallon</i>				
Lighting								
Interior Lighting								
	Fluorescent	90%			2034	**	10	\$41,100
				<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>				
				<i>Location : 1st Floor</i>				
	Fluorescent	10%			2034	**	10	\$4,600
				<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Hallways</i>				
Egress Lighting								
	Emergency, Service	50%			2034	**	1	
	Exit, Service	50%			2034	**	1	
Exterior Lighting								
	HID	50%			2034	**	10	\$100
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Outside Perimeter</i>				
				<i>Explanation : Controlled Via Timer</i>				
	No Component	50%						
Alarm								
Security System								
	No Component	70%						
	Under Construction	30%						

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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

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

**Alarm**

## Fire/Smoke Detection

No Component

70%

Generic, Digital

30%

2034

\* \*

1-3

\$9,200

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

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

**Heating**

## Energy Source

Electricity

100%

2049

\* \*

1

## Terminal Devices

Air Handler

75%

2029

\$501,700

1

\$23,100

Fan Coil Unit/Heat

25%

2034

\* \*

1

\$4,000

*Other Observation, Extent : Light, Area Affected : 30%**Location : Throughout**Explanation : Electric Unit Heaters In Non Air Conditioned Spaces***Air Conditioning**

## Energy Source

Electricity

100%

2045

\* \*

1

## Conversion Equipment

Split Unit

100%

2029

\$1,015,600

*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor**Explanation : Indoor Ceiling Mounted Condensers*

## Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2

\$80,900

**Ventilation**

## Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$43,900

## Exhaust Fans

Interior

50%

2029

\$84,600

2

\$800

Roof

50%

2029

\$39,500

2

\$800

**Plumbing**

## H/C Water Piping

Brass/Copper

100%

2049

\* \*

1

## Water Heater

Oil Fired

100%

2024

\$39,500

1

\$1,500

## 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.*

**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
	Backflow Preventer							
	Generic	100%		2034	**	1	\$3,100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Pump Room</i>					
			<i>Explanation : 1 Fire, 1 Domestic</i>					
Fixtures								
	Generic	100%						
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 2nd Floor</i>					
			<i>Explanation : Stainless Steel Institutional Fixtures</i>					
Vertical Transport								
	Elevators							
	Hydraulic	100%		LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Levels 1 - 3</i>					
			<i>Explanation : 1 Unit</i>					
Fire Suppression								
	Standpipe							
	Generic	100%		2049	**	1-5	\$25,100	
	Sprinkler							
	Generic	100%		2049	**	1-2	\$13,900	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RANDALLS ISLAND TENNIS CENTER  
**Address** : 1 RANDALLS ISLAND ADJACENT TO TENNIS COURTS  
**Borough** : MANHATTAN **Agency's Number** : M104-05  
**Program / Asset #** : PAR0055.005 / 578 **Yr Built/Renovated** : 2008 /  
**Area Sq Ft** : 15,689 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Jul-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 203 **BIN** : 1811452

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$53,600	\$258,300
<b>Total</b>	<b>\$53,600</b>	<b>\$258,300</b>
Importance Code A	\$53,600	\$258,300
<b>Total</b>	<b>\$53,600</b>	<b>\$258,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$5,000			
Interior Architecture	\$56,900		\$11,200	\$1,200
Electrical	\$1,900	\$1,500	\$1,800	\$1,500
Mechanical	\$11,800	\$1,400	\$4,000	\$1,400
Site Pavements	\$1,100			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$80,500</b>	<b>\$6,800</b>	<b>\$21,000</b>	<b>\$8,000</b>
Importance Code A	\$5,700	\$800	\$800	\$800
Importance Code B	\$37,500	\$6,100	\$20,300	\$7,200
Importance Code C	\$37,300			
<b>Total</b>	<b>\$80,500</b>	<b>\$6,800</b>	<b>\$21,000</b>	<b>\$8,000</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Metal Panel	95%			2049	**	5-10	\$258,300	
Window Wall	5%			2049	**	5	\$7,400	
Windows								
Aluminum	70%			2045	**	5	\$2,300	
Fiberglass Panel	15%			2045	**	5	\$1,800	
Metal Louvers	15%			2038	**	10	\$3,000	
Parapets								
Metal Panel	5%			2049	**	5	\$200	
No Component	95%							
Roof								
Built-Up (BUR)	2%			2034	**	10	\$700	
Cast in Place Concrete	5%			LIFE	**	10	\$2,900	
Metal Panel	83%			2042	**	10	\$53,600	
Single Ply Membrane	5%			2034	**	10	\$1,800	
<i>Patching Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	5%			2049	**	10	\$5,900	
Soffits								
Metal Panel	100%			2049	**	5-10		
<b>Interior</b>								
Floors								
Carpet	3%			2022		3	\$1,400	
Cast in Place Concrete	20%	Now	\$10,000	LIFE	**	5	\$10,300	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Reception / 2nd Floor Classrooms</i>								
Ceramic Tile	7%			2038	**	5	\$1,600	
Quarry Tile	5%			2042	**	5	\$1,800	
Sheet Vinyl/Rubber	5%			2034	**	5	\$1,800	
Traffic Topping	60%			2034	**	5	\$17,600	
Interior Walls								
Ceramic Tile	3%	Now	\$400	2038	**	5	\$400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
Folding Partition	2%			2045	**	5	\$1,200	
Gypsum Board	80%			LIFE	**	5-10	\$32,400	
Wood	15%			LIFE	**	5	\$28,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2042	**	5	\$2,300	
Fiber Board	70%			2034	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ceiling Of The Rigid Frame Structure Over Interior Courts</i>								
<i>Explanation : This Component Refers To An Insulation Blanket</i>								
Gypsum Board	20%			LIFE	**	5-10	\$16,100	
<b>Site Enclosure</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	**			
On-Site Walkways								
Asphalt	10%	Now	\$1,100	2038	**			
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Adjacent To Indoor Tennis Courts</i>						
Asphalt	60%			2038	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Exterior Tennis Courts</i>						
		<i>Explanation : Asphalt Tennis Courts</i>						
Cast in Place Concrete	30%			2042	**			
Parking/Driveway								
Asphalt	100%			2038	**			
Activity Yard								
Traffic Topping	100%			2034	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Tennis Courts</i>						
		<i>Explanation : Tennis Surface</i>						

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2049	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Switch Rated At 1200 Amperes</i>						
Transformers								
Dry Type	100%			2042	**	5	\$100	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2049	**	5	\$400	
Raceway								
Conduit	100%			2049	**	1		
Panelboards								
Molded Case Bkrs	100%			2045	**	5	\$400	
Wiring								
Thermoplastic	100%			2049	**	1		
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	

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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	80%			2034	**	10	\$11,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2034	**	10	\$700	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Fluorescent	14%			2034	**	10	\$2,000	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby, Locker Rooms, Corridors</i>								
LED	1%			2034	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : 2nd Floor Fitness Center</i>								
<i>Explanation : LED Fixtures</i>								
Egress Lighting Emergency, Battery	50%			2034	**	10	\$1,900	
Exit, Battery	50%			2034	**	10	\$500	
Exterior Lighting HID	100%			2034	**	10		
<b>Alarm</b>								
Security System Generic	50%			2034	**	1	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Generic	50%			2034	**	1	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Intrusion Alarm System</i>								
Fire/Smoke Detection Generic, Digital	100%			2034	**	1-3	\$9,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detectors, Strobe Lights, Horns And Manual Pull Stations</i>								

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

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	35%			2049	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Club House Portion</i>								
<i>Explanation : Electric Serves Only The Club House Portion Of The Building</i>								
Fuel Oil No 2	65%			2049	**	5	\$3,200	
<i>No. 2 Fuel Oil, Extent : Light, Area Affected : 100%</i>								
<i>Location : Tennis Court Area</i>								
Conversion Equipment								
Furnace	65%			2034	**	1	\$5,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Tennis Court Area</i>								
<i>Explanation : Oil Furnace Serves Only Court Area</i>								
Furnace	35%			2034	**	1	\$2,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Club House Portion Of Building</i>								
<i>Explanation : Electric Heating / Cooling Units And Several Electric Unit Heaters Serve The Club House Area</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,900	
Air Conditioning								
Energy Source								
Electricity	100%			2045	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2034	**	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Club House Area</i>								
<i>Explanation : Club House Area Air Conditioning</i>								
Ext Pkg Unit - Heating/Cooling	65%			2034	**	2	\$600	
<i>Other Observation, Extent : Light, Area Affected : 65%</i>								
<i>Location : Tennis Area</i>								
<i>Explanation : Serving Tennis Area</i>								
Split Unit	5%			2034	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Tennis Area</i>								
<i>Explanation : Tennis Area</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,900	
Exhaust Fans								
Interior	100%			2034	**	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Water Heater Oil Fired	100%			2027	\$12,500	1	\$500
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Equipment Room</i>								
<i>Explanation : Three 91-gallon Units</i>								
	Sanitary Piping Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping Cast Iron	100%			LIFE	**	1	
	Backflow Preventer Generic	100%			2034	**	1	\$1,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Meter Room</i>								
<i>Explanation : Fire And Domestic</i>								
<b>Fixtures</b>								
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators Hydraulic	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Through 2nd Floor</i>								
<i>Explanation : 1 Unit</i>								
<b>Fire Suppression</b>								
	Sprinkler No Component Generic	65%			2049	**	1-2	\$1,500
	Fire Pump Generic	100%			2038	**	1	\$2,900
	Chemical System No Component Generic	98%			2027	\$500	1-3	\$100

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS  
**Address** : OSTEBO/BAY/KICKS/HALLECK AVES BAY, CLINTON, HENRY ST.  
**Borough** : BROOKLYN **Agency's Number** : B126-02A  
**Program / Asset #** : PAR0110.02A / 1174 **Yr Built/Renovated** : 1936 / 2003  
**Area Sq Ft** : 26,364 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 582 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,013,000	\$1,143,900
Interior Architecture	\$944,400	\$178,800
Electrical	\$166,100	
Mechanical		\$150,300
<b>Total</b>	<b>\$2,123,400</b>	<b>\$1,473,000</b>
Importance Code A	\$1,013,000	\$1,143,900
Importance Code B	\$411,600	\$329,100
Importance Code C	\$698,800	
<b>Total</b>	<b>\$2,123,400</b>	<b>\$1,473,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				\$9,300
Interior Architecture	\$25,200	\$2,600	\$800	\$1,600
Electrical	\$33,400	\$4,900	\$4,500	\$24,600
Mechanical	\$28,300	\$2,900	\$5,200	\$29,300
Site Enclosure	\$3,700			
Site Pavements	\$19,400			
<b>Total</b>	<b>\$110,000</b>	<b>\$10,400</b>	<b>\$10,500</b>	<b>\$64,700</b>
Importance Code A	\$1,300	\$1,300	\$1,300	\$10,900
Importance Code B	\$71,500	\$9,100	\$9,200	\$53,700
Importance Code C	\$37,200			
<b>Total</b>	<b>\$110,000</b>	<b>\$10,400</b>	<b>\$10,500</b>	<b>\$64,700</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**  
**Asset # : 1174**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$69,300	LIFE	**	5	\$30,100	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Front Entrance</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Base Of Building</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Front Entrance</i>								
<i>Explanation : Jnt Mortar Miss/ Erod</i>								
Masonry: Brick	55%	Now	\$407,800	LIFE	**	5	\$33,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : North Side Of Pool And Flanking Men/ Women Locker Rooms</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Window Lintels And Door Headers</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Wall Penetrations</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Window And Door Lintels</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Side Of Pool And Flanking Men/ Women Locker Rooms</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Side Of Pool And Flanking Men/ Women Locker Rooms</i>								
Masonry: Brick	25%			LIFE	**	5	\$15,100	
Masonry: Granite	2%			LIFE	**	5	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pool Side Facade</i>								
<i>Explanation : Sculptural Panels</i>								
Pre-Cast Concrete	8%			LIFE	**	5	\$15,700	

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

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								
Windows								
Aluminum	50%	Now	\$181,700	2053	**	5	\$2,100	
<i>Air Infiltration, Extent : Severe, Area Affected : 75%</i>								
<i>Location : All Windows</i>								
<i>Bent/Warped Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Hardware Missing, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : In Gymnasium</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Entry Lobby Poolside Wall</i>								
<i>Explanation : Automatic Operating Windows In Lobby Not Operating And Leaking.</i>								
Aluminum	50%	Now	\$208,900	2053	**	5	\$2,100	
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : All Locations Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Street Facade</i>								
<i>Explanation : Protective Metal Grilles</i>								
Parapets								
Masonry: Brick	40%	Now	\$90,500	LIFE	**	5	\$7,700	
<i>Diagonal Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Roof Bulkhead Parapet</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Side Of Pool And Flanking Men/ Women Locker Rooms</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Side Of Pool And Flanking Men/ Women Locker Rooms</i>								
Masonry: Brick	25%			LIFE	**	5	\$4,800	
Metal Panel	25%			2038	**	5	\$18,600	
Pre-Cast Concrete	10%			LIFE	**	5	\$12,100	
Roof								
Modified Bitumen	100%	Now	\$54,800	2028	\$1,095,700			
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Roof Drains In Male, Female Locker Rooms, Roof Penetration In Gymnasium</i>								
Interior								

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

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	50%	Now	\$89,600	LIFE	**	5	\$46,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Ponding, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement And Pool Tunnels</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement And Pool Tunnels</i>								
<i>Explanation : Lower Floor Sustained Severe Damage During Sandy</i>								
Cast in Place Concrete	15%	Now	\$3,400	LIFE	**	5	\$13,800	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Gymnasium Surface</i>								
Ceramic Tile	5%			2041	**	5	\$2,100	
Ceramic Tile	5%	Now	\$41,700	2043	**	5	\$1,100	
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Bathrooms</i>								
Quarry Tile	5%			2041	**	5	\$3,200	
Sheet Vinyl/Rubber	5%			2028		5	\$3,200	
Vinyl Tile	15%			2028		3	\$2,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Offices</i>								
Interior Walls								
Cast in Place Concrete	30%	Now	\$519,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Basement Walls</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement Walls Abutting Pool</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Expansion Joints In Basement And Pool Tunnels</i>								
Glass Block	5%			LIFE	**			
Masonry: Brick	5%	0-2	\$17,800	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Lobby</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Main Lobby</i>								
Plaster	20%			LIFE	**	5	\$5,400	
Plaster	10%	Now	\$73,200	LIFE	**	5	\$2,700	
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Walls</i>								
SGFT/Glazed Masonry	30%	4+	\$106,000	LIFE	**			
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Corridors</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%	4+	\$1,700	2033	**	5	\$1,100	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Maintenance Office</i>								
Exposed Concrete	80%	0-2	\$110,900	LIFE	**	5	\$5,300	
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Room Bathrooms And Basement</i>								
Metal Panel	5%			LIFE	**	5	\$2,600	
Plaster	10%	Now	\$5,700	LIFE	**	5	\$2,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Weight Room</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Weight Room</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Picket	100%			2048	**			
<b>Retaining Walls</b>								
Masonry: Brick	70%	Now	\$2,600	2038	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Planter Beds At Main Entrance</i>								
Masonry: Fieldstone	30%	0-2	\$1,100	2038	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Coping Stones At Planter Beds / Main Entrance</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Pavers/Stone	95%	0-2	\$18,900	2031	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Bay Street Walkway</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Perimeter Street Corners</i>								
Pavers/Stone	5%	Now	\$500	2031	**			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Entry Stairs</i>								
<i>Explanation : Joint Erosion</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2058	**	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : One 600 Ampere Main Disconnect Switch</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Transformers</b>								
	Dry Type	30%			2026	\$4,800	5	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room - Basement</i>						
		<i>Explanation : One 50 Kva 480hv-208/120lv</i>						
	Dry Type	70%			2033	**	5	\$100
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room - Basement</i>						
		<i>Explanation : Two 75 Kva 480hv-208/120lv</i>						
<b>Switchgear / Switchboard</b>								
	Molded Case Bkrs	100%			2058	**	5	\$700
<b>Raceway</b>								
	Conduit	85%			2028	\$3,300	1	
	Conduit	10%			2038	**	1	
	Conduit	5%			2058	**	1	
<b>Panelboards</b>								
	Fused Disc Sw	10%			2027	\$1,500	5	\$100
	Fused Disc Sw	5%			2053	**	5	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : For The Solar Panel System</i>						
	Molded Case Bkrs	20%			2036	**	5	\$100
	Molded Case Bkrs	55%			2027	\$8,400	5	\$400
	Molded Case Bkrs	10%			2053	**	5	\$100
<b>Wiring</b>								
	Thermoplastic	70%			2028	\$5,800	1	
	Thermoplastic	20%			2038	**	1	
	Thermoplastic	10%			2058	**	1	
<b>Motor Controllers</b>								
	Locally Mounted	30%			2026	\$6,600	5	\$100
	Locally Mounted	60%			2033	**	5	\$100
	Locally Mounted	10%			2048	**	5	
<b>Ground</b>								
<b>Grounding Devices</b>								
	Generic	100%	Now	\$9,700	LIFE	**	5	\$400
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Water Main - Basement</i>						
		<i>Explanation : Corroded</i>						
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
	Automatic	100%	Now	\$9,100	2048	**	1	\$7,300
		<i>Not in Service, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Generator</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power Generators</b>								
Diesel	100%	Now	\$74,700	2043	**	1	\$9,200	
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Generator Room - Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Generator Room - Basement</i>								
<i>Explanation : One 33 Kw Diesel Kholer Generator</i>								
<hr/>								
Fuel Storage Day Tank	100%	Now	\$2,000	2053	**	5	\$2,400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Generator Room - Basement</i>								
<i>Explanation : Corroded</i>								
<hr/>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	78%			2033	**	10	\$18,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout the building</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	20%			2036	**	10	\$4,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Gymnasium And Recreation Area First Floor</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	2%			2033	**	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Desk Lobby And Janitors Room</i>								
<hr/>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2028		10	\$3,200	
Exit, Battery	50%			2028		10	\$900	
<hr/>								
<b>Exterior Lighting</b>								
HID	90%			2023		10	\$100	
HID	10%	Now	\$10,200	2038	**			
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Outside Front Of The Building</i>								
<hr/>								
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	**	1	\$9,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside Of The Building</i>								
<i>Explanation : Eight CCTV Cameras</i>								
<hr/>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	**	1-3	\$16,200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2028	\$49,100	5	\$8,200	
Conversion Equipment								
Hot Water Boiler	100%			2041	**	1	\$13,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2044	**	4	\$2,000	
Terminal Devices								
Convactor/Radiator	75%			2026	\$101,200	1	\$6,400	
Fan Coil Unit/Heat	25%			2033	**	1	\$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	45%			2033	**	2	\$700	
<i>Other Observation, Extent : Severe, Area Affected : 45%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Units. R-410a</i>								
Window/Wall Unit	10%			2023	\$5,300	1		
No Component	45%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2-5	\$8,800	
No Component	40%							
Exhaust Fans								
Interior	10%			2023	\$9,000	2	\$100	
Roof	60%			2033	**	2	\$500	
No Component	30%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	\$5,500	2033	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
HW Heat Exchanger								
Steam Fired	100%			2038	**	4	\$2,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
Sanitary Piping								
Cast Iron	100%	Now	\$18,400	LIFE	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cross Bay</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
	Sump Pump(s) Non-Submersible	100%		2023	\$3,800	4	\$600	
	Sewage Ejector(s) Electric	100%		2028	\$7,300	4	\$1,600	
	Fixtures Generic	100%						
Fire Suppression								
	Standpipe Generic	100%		2038	* *	1-5	\$13,800	

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RED HOOK RECREATION AREA FILTER HOUSE  
**Address** : OSTEBO/BAY/KICKS/HALLECK AVES BAY, CLINTON, HENRY ST.  
**Borough** : BROOKLYN **Agency's Number** : B126-02D  
**Program / Asset #** : PAR0110.02D / 1175 **Yr Built/Renovated** : 1936 / 2010  
**Area Sq Ft** : 10,122 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 582 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$665,500	\$36,000
Interior Architecture	\$1,206,000	
Electrical	\$336,200	
Mechanical	\$494,900	\$144,900
<b>Total</b>	<b>\$2,702,600</b>	<b>\$180,900</b>
Importance Code A	\$665,500	\$36,000
Importance Code B	\$1,152,600	\$144,900
Importance Code C	\$884,500	
<b>Total</b>	<b>\$2,702,600</b>	<b>\$180,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$60,000		\$900	
Interior Architecture	\$16,100			
Electrical	\$74,100	\$700	\$700	\$700
Mechanical	\$45,700	\$400	\$300	\$400
<b>Total</b>	<b>\$195,900</b>	<b>\$1,100</b>	<b>\$2,000</b>	<b>\$1,100</b>
Importance Code A	\$65,000		\$900	
Importance Code B	\$114,900	\$1,100	\$1,000	\$1,100
Importance Code C	\$16,100			
<b>Total</b>	<b>\$195,900</b>	<b>\$1,100</b>	<b>\$2,000</b>	<b>\$1,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**

**Asset # : 1175**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$10,900	LIFE	**	5	\$9,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	95%	Now	\$665,500	LIFE	**	5	\$36,000	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	50%			2037	**	5	\$600	
Metal Louvers	50%			2038	**	10	\$3,900	
Parapets								
Masonry: Brick	90%	Now	\$28,900	LIFE	**	5	\$2,500	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal: Cage/Fence	5%			2042	**	5-10	\$1,100	
Pre-Cast Concrete	5%	Now	\$1,000	LIFE	**	5	\$900	1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	80%	Now	\$19,200	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	20%			2034	**	10	\$6,800	
Interior								
Floors								
Cast in Place Concrete	80%	Now	\$42,200	LIFE	**	5	\$29,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Steel Plate	20%	Now	\$61,700	LIFE	**	1		
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Upper Cat Walk</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**

**Asset # : 1175**

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>	
<b>Interior</b>									
<b>Interior Walls</b>									
Cast in Place Concrete	90%	Now	\$884,500	LIFE	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Masonry: Brick	5%	Now	\$15,100	LIFE	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
SGFT/Glazed Masonry	5%			LIFE	**	10	\$1,000		
<b>Ceilings</b>									
Exposed Concrete	100%	Now	\$217,600	LIFE	**	5	\$2,600		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Throughout</i>									
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Throughout</i>									
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>									
<i>Location : Throughout</i>									

<b>Electrical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>	
<b>Under 600 Volts</b>									
<b>Service Equipment</b>									
Fused Disc Sw	100%	Now	\$4,900	2059	**	5			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : Equipment Damaged By Sandy Storm.</i>									
<b>Transformers</b>									
Dry Type	100%	Now	\$16,100	2049	**	5			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : Equipment Damaged By Sandy Storm.</i>									
<b>Switchgear / Switchboard</b>									
Fused Disc Sw	100%	Now	\$49,900	2059	**	5			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : Equipement Damage By Sandy Storm.</i>									
<b>Raceway</b>									
Conduit	100%	Now	\$5,500	2059	**	1			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout Building</i>									
<i>Explanation : Conduits System Damaged By Sandy Storm.</i>									

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**  
**Asset # : 1175**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Molded Case Bkrs	100%	Now	\$7,600	2054	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : Panelboards Were Damaged By Sandy Storm.</i>								
<b>Wiring</b>								
Thermoplastic	100%	Now	\$6,700	2059	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : Wiring Was Damaged During Sandy Storm.</i>								
<b>Motor Controllers</b>								
Locally Mounted	100%	Now	\$73,400	2049	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : Starters Were Damaged During Sandy Storm.</i>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	Now	\$9,700	LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Grounding System Was Damaged During Sandy Storm.</i>								
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%	Now	\$9,100	2049	**	1	\$2,800	
<i>Not in Service, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Generators</b>								
Diesel	100%	Now	\$74,700	2044	**	1	\$3,500	
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 21.6 Kilo-volt-ampere</i>								
<b>Batteries</b>								
Nickel Cadmium	100%	Now	\$1,500	2025	\$1,500	5	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Batteries Were Not Operational Prior To Sandy Storm.</i>								
<b>Fuel Storage</b>								
Main Tank	100%	Now	\$1,300	2069	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Tanks Was Damaged During Sandy Storm.</i>								
<b>Lighting</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**  
**Asset # : 1175**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	95%	Now	\$99,200	2039	**			
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	5%	Now	\$2,700	2039	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : Lighting System Was Damaged During Sandy Storm.</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%	Now	\$7,000	2039	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : Lighting System Was Damaged During Sandy Storm.</i>								
Exit, Battery	50%	Now	\$1,900	2039	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : Lighting System Was Damaged During Sandy Storm.</i>								
<b>Exterior Lighting</b>								
HID	100%	Now	\$39,000	2039	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : Lighting System Was Damaged During Sandy Storm.</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source HTHW/HW	100%	Now	\$11,900	2039	**	1		
<i>Corroded, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Piping In Tunnel From Bath House</i>								
Distribution Hot Wtr Piping/Pump	100%	Now	\$7,500	2037	**	4	\$500	
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Terminal Devices Fan Coil Unit/Heat	100%			2024	\$144,900	1	\$3,300	
<b>Ventilation</b>								
Exhaust Fans Wall Unit	100%			2029	\$3,400	2	\$300	
<b>Plumbing</b>								
H/C Water Piping Galvanized Steel	100%	Now	\$4,200	2034	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement / Crawl Space</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
 RED HOOK RECREATION AREA FILTER HOUSE  
 Asset # : 1175**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
Sanitary Piping Cast Iron	100%	Now	\$14,200	LIFE	**	1		
<i>Cracked, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
Storm Drain Piping Cast Iron	100%	Now	\$6,000	LIFE	**	1		
<i>Cracked, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Piping To Window Drains</i>								
Sump Pump(s) Non-Submersible	100%	Now	\$1,500	2039	**	4	\$200	
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Pool Filter/Treatment Sand	100%	Now	\$494,900	2049	**	4		
<i>Corroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Filter Piping And Valves</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire System</i>								
<i>Explanation : Tanks And Piping Severely Corroded / Broken Piping</i>								
<b>Fixtures</b>								
Generic	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RED HOOK RECREATION AREA OLYMPIC POOL  
**Address** : OSTEBO/BAY/KICKS/HALLECK AVES BAY, CLINTON AND HENRY STREETS  
**Borough** : BROOKLYN **Agency's Number** : B126-02  
**Program / Asset #** : PAR0110.002 / 1172 **Yr Built/Renovated** :  
**Area Sq Ft** : 46,240 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 582 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$55,100
Interior Architecture		\$140,500
Electrical	\$178,200	
Mechanical		\$193,900
Site Pavements	\$384,200	
<b>Total</b>	<b>\$562,400</b>	<b>\$389,500</b>
Importance Code A		\$55,100
Importance Code B	\$178,200	\$334,400
Importance Code C	\$384,200	
<b>Total</b>	<b>\$562,400</b>	<b>\$389,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$12,700			
Electrical				\$100
Site Enclosure	\$35,400			
<b>Total</b>	<b>\$48,000</b>			<b>\$100</b>
Importance Code A	\$12,700			
Importance Code B				\$100
Importance Code C	\$35,400			
<b>Total</b>	<b>\$48,000</b>			<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA OLYMPIC POOL**

**Asset # : 1172**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	100%	0-2	\$12,700	LIFE	**	5	\$55,100	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Expansion Joints</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$140,500	
<b>Site Enclosure</b>								
<b>Free Standing Walls</b>								
Masonry: Brick	85%	Now	\$33,500	2038	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Perimeter Columns Throughout</i>								
Masonry: Fieldstone	15%	0-2	\$1,800	2038	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Perimeter Fence Post Caps</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Underside Of Post Caps</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	Now	\$384,200	2033	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Pool Deck</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Where Pool Deck Meets Bath House</i>								
<i>Tripping Hazard, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations At Pool Deck</i>								
<b>Activity Yard</b>								
Cast in Place Concrete	100%			2033	**			
<i>Tripping Hazard, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Pool Deck</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pavement Joints On Pool Deck</i>								
<i>Explanation : Vegetation Growth</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Thermoplastic	100%			2028	\$8,300	1		
<b>Lighting</b>								
<b>Exterior Lighting</b>								
HID	100%			2023	\$178,200	10	\$100	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA OLYMPIC POOL**

**Asset # : 1172**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	H/C Water Piping							
	Galvanized Steel	100%			2026	\$193,900	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Fixtures							
	Generic	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.*

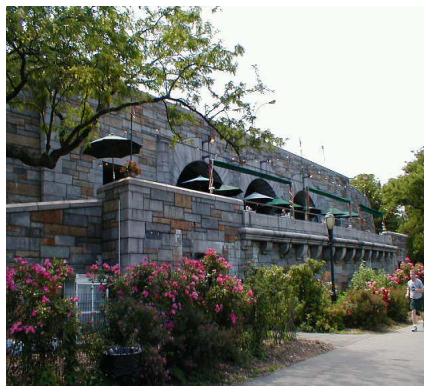
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006  
**Address** : RIVERSIDE DR. TO HUDSON RIVER W.72 ST. TO W.125 ST.  
**Borough** : MANHATTAN **Agency's Number** : M071-06  
**Program / Asset #** : PAR0006.006 / 214 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 180,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Jul-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 1897 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$3,713,400	\$37,400
Interior Architecture	\$6,910,400	\$427,200
Electrical		\$1,368,500
Mechanical		\$1,378,700
<b>Total</b>	<b>\$10,623,900</b>	<b>\$3,211,800</b>
Importance Code A	\$3,713,400	\$369,900
Importance Code B	\$2,747,900	\$2,841,900
Importance Code C	\$4,162,500	
<b>Total</b>	<b>\$10,623,900</b>	<b>\$3,211,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$6,300			
Interior Architecture	\$48,000			\$1,100
Electrical	\$2,300	\$100		\$2,500
Mechanical	\$8,800	\$1,700		\$1,700
<b>Total</b>	<b>\$65,400</b>	<b>\$1,800</b>		<b>\$5,300</b>
Importance Code A	\$6,300	\$1,700		\$1,700
Importance Code B	\$27,700	\$100		\$3,600
Importance Code C	\$31,400			
<b>Total</b>	<b>\$65,400</b>	<b>\$1,800</b>		<b>\$5,300</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	15%	Now	\$234,800	LIFE	**	5	\$37,400	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Below West Side Highway</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Below West Side Highway</i>								
Masonry: Granite	85%	Now	\$2,789,900	LIFE	**	5	\$31,800	
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	100%	Now	\$6,300	2054	**	5	\$33,800	
<i>Air Infiltration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Bent/Warped Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Granite	100%	Now	\$434,300	LIFE	**	5	\$8,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Rotunda</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	30%	Now	\$93,500	LIFE	**			1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Roadway Over Rotunda</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Roadway Over Rotunda</i>								
Panel/Paver: Cer/Brk	20%	Now	\$61,500	2039	**			1
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Over Basement</i>								
Plaza Roof: Stone Panels	50%	Now	\$99,500	2039	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

**Interior**

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**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

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	90%	Now	\$364,500	LIFE	**	5	\$344,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
Mosaic Tile	5%	Now	\$174,700	2034	**	5	\$10,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Toilets</i>								
Vinyl Tile	5%	2-4	\$16,600	2029	\$82,800	3	\$3,300	
<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Interior Walls								
Cast in Place Concrete	80%	Now	\$4,162,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Columns, Basement</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Columns, Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement</i>								
Concrete Masonry Unit	15%			LIFE	**	5	\$44,300	
SGFT/Glazed Masonry	5%			LIFE	**	10	\$9,200	

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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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$76,700	2049	**	5	\$4,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Offices</i>								
Exposed Concrete	65%	Now	\$1,982,900	LIFE	**	5	\$17,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage Area In Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Beams Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage Area In Basement</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Garage Area In Basement And Kitchen Area</i>								
<i>Explanation : Structural Steel Members Are Corroded And Missing Concrete Fireproofing</i>								
Masonry:Vault Struct	25%	Now	\$86,800	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Rotunda</i>								
<i>Loose Units, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout Rotunda Dining Area</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Rotunda Area And Men Toilets</i>								
<i>Explanation : Several Areas Are Protected With Sidewalk Shed Type Protection</i>								
Plaster	5%	Now	\$62,200	LIFE	**	5	\$5,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Toilets</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2039	**	5	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room In Garage</i>								
<i>Explanation : Main Service Switches Rated At 2000 Amperes And 1600 Amperes</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2029	\$108,800	5	\$800	
Raceway								
Conduit	100%			2029	\$25,000	1		
Panelboards								
Molded Case Bkrs	100%			2028	\$66,500	5	\$4,700	
Wiring								
Braided Cloth	30%			2028	\$16,500	1		
Thermoplastic	70%			2039	**	1		

Ground

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**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Ground								
Grounding Devices Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	1%			2024	\$4,400	10	\$1,700	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 1%</i>								
<i>Location : Kitchen And Garage Area</i>								
Fluorescent	40%			2029	\$175,500	10	\$66,000	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 40%</i>								
<i>Location : Offices, Men Bathroom, Garage</i>								
HID	10%			2024	\$163,700	10	\$600	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Garage</i>								
<i>Explanation : HID Fixtures</i>								
Incandescent	9%			2029	\$94,100	2	\$400	
<i>Other Observation, Extent : Light, Area Affected : 9%</i>								
<i>Location : Dining Area</i>								
<i>Explanation : Halogen Fixtures</i>								
LED	40%			2034	**			
Egress Lighting								
Emergency, Battery	100%			2034	**	10	\$43,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage Offices And Tent</i>								
<i>Explanation : Combination Emergency And Exit Light Fixtures</i>								
Exterior Lighting								
HID	9%			2024	\$68,100	10	\$100	
Incandescent	90%			2029	\$577,900	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Building Perimeter</i>								
<i>Explanation : Halogen Fixtures</i>								
LED	1%			2034	**			

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source Electricity	100%			2049	**	1		
Conversion Equipment								
Radiant Heater	10%			2029	\$332,500	2	\$8,400	
No Component	90%							
Air Conditioning								

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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
	Conversion Equipment							
	Window/Wall Unit	2%			2024	\$7,800	1	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : For Garage-level Offices</i>						
	No Component	98%						
<b>Ventilation</b>								
	Exhaust Fans							
	Interior	2%			2024	\$13,400	2	\$100
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Serving Garage Restroom</i>						
	No Component	98%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	10%			2029	\$139,900	1	
	Galvanized Steel	90%			2027	\$741,000	1	
	Water Heater							
	Electric	100%			2024	\$165,300	4	\$1,600
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement, 1st Floor</i>						
		<i>Explanation : 82-gallon Unit On 1st Floor, One 30-gallon Unit In Basement Garage, One 6-gallon Unit In Basement-level Office Pantry</i>						
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2020	\$6,400	4	\$5,700
	Fixtures							
	Generic	100%						
		<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
<b>Fire Suppression</b>								
	Chemical System							
	Wet	2%			2024	\$600	1-3	\$100
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : In 1st Floor Kitchen</i>						
	No Component	98%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK COMFORT STATION @CLASSIC PLAYGROUND  
**Address** : W 76TH ST W.72 ST. TO W.125 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.11A / 1046 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 1,620 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Jul-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 1897 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$59,100	
<b>Total</b>	<b>\$59,100</b>	
Importance Code A	\$59,100	
<b>Total</b>	<b>\$59,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$33,400			
Interior Architecture	\$18,800			
Electrical				
Mechanical		\$100		\$100
<b>Total</b>	<b>\$52,200</b>	<b>\$100</b>		<b>\$200</b>
Importance Code A	\$33,400	\$100		\$100
Importance Code B	\$10,000			
Importance Code C	\$8,800			
<b>Total</b>	<b>\$52,200</b>	<b>\$100</b>		<b>\$200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK COMFORT STATION @CLASSIC PLAYGROUND**  
**Asset # : 1046**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	100%	Now	\$59,100	LIFE	**	5	\$3,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	100%	Now	\$17,400	2054	**	5	\$1,900	
<i>Air Infiltration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Granite	90%	Now	\$16,000	LIFE	**	5	\$1,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%			2039	**	5	\$500	
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$3,900	
Mosaic Tile	50%			2034	**	5	\$2,800	
Vinyl Tile	10%	Now	\$200	2024	\$2,100	3	\$100	
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior Walls								
SGFT/Glazed Masonry	100%	Now	\$8,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Restroom</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Women Restroom</i>								
Ceilings								
Exposed Concrete	100%	Now	\$7,900	LIFE	**	5	\$300	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Restroom</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2039	**	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK COMFORT STATION @CLASSIC PLAYGROUND**  
**Asset # : 1046**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2037	**	5		
Wiring								
Thermoplastic	100%			2039	**	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2029	\$3,900	10	\$1,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
LED	100%			2037	**			
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Men Bathroom</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	100%			2039	**	1		
Conversion Equipment								
Radiant Heater	90%			2029	\$26,900	2	\$700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Bath Rooms, Lounge Rooms</i>								
<i>Explanation : Bath Rooms Only And Parts Of Lounge Rooms</i>								
No Component	10%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	**	1		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK COMFORT STATION  
**Address** : BOARDWALK @ BEACH 59 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.E01 / 261 **Yr Built/Renovated** :  
**Area Sq Ft** : 850 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 15931 **Lot** : 16 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$17,500			
Interior Architecture	\$2,500			
Electrical				
Mechanical			\$100	
<b>Total</b>	<b>\$20,100</b>	<b>\$100</b>	<b>\$100</b>	
Importance Code A	\$17,500	\$100		
Importance Code B	\$1,700		\$100	
Importance Code C	\$800			
<b>Total</b>	<b>\$20,100</b>	<b>\$100</b>	<b>\$100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**  
**Asset # : 261**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	\$10,800	LIFE	**	5	\$3,500	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Painted Surfaces, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	2%	Now	\$900	2031	**	5	\$100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Pre-Cast Concrete	5%	Now	\$1,300	LIFE	**	5	\$600	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Fascia</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Fascia</i>								
Windows								
Metal Louvers	5%	Now	\$100	2041	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
No Component	95%							
Roof								
Slate	100%	Now	\$4,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$800	
Quarry Tile	70%			2039	**	5	\$1,300	
Interior Walls								
Plaster	30%	Now	\$800	LIFE	**	5	\$300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Storage Area</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Storage Area</i>								
SGFT/Glazed Masonry	70%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**

**Asset # : 261**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Interior**

**Ceilings**

**Plaster**

100% Now \$1,700 LIFE \* \* 5 \$800

*Cracking/Crumbling, Extent : Light, Area Affected : 25%*

*Location : Storage Area*

*Paint Peeling, Extent : Moderate, Area Affected : 50%*

*Location : Storage Area*

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Under 600 Volts**

**Service Equipment**

**Molded Case Bkrs**

100% 2036 \* \* 5

*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 100 Ampere Main Disconnect Switch*

**Raceway**

**Conduit**

90% 2036 \* \* 1

**Conduit**

10% 2056 \* \* 1

**Panelboards**

**Molded Case Bkrs**

100% 2034 \* \* 5

**Wiring**

**Thermoplastic**

90% 2036 \* \* 1

**Thermoplastic**

10% 2056 \* \* 1

**Motor Controllers**

**Locally Mounted**

100% 2046 \* \* 5

**Ground**

**Grounding Devices**

**Generic**

100% LIFE \* \* 5

**Lighting**

**Interior Lighting**

**Fluorescent**

100% 2026 \$1,900 10 \$800

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

**Energy Source**

**Natural Gas**

100% 2046 \* \* 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.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**

**Asset # : 261**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Conversion Equipment							
	Furnace	100%			2026	\$1,900	1	\$400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Utility Room</i>								
<i>Explanation : 1 Packaged Air Conditioning Unit With Gas Fired Furnace</i>								
<hr/>								
	Distribution							
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$500
<hr/>								
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%			2031	**	1	
<hr/>								
	Water Heater							
	Electric	100%			2026	\$700	4	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<hr/>								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
<hr/>								
	Backflow Preventer							
	Generic	100%			2031	**	1	\$100
<hr/>								
	Fixtures							
	Generic	100%						
<hr/>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK COMFORT STATION  
**Address** : BOARDWALK @ BEACH 9 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.J01 / 896 **Yr Built/Renovated** :  
**Area Sq Ft** : 400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 15612 **Lot** : 5 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$1,300	\$200		
Interior Architecture	\$800			
Electrical				
Mechanical				
<b>Total</b>	<b>\$2,100</b>	<b>\$200</b>		
Importance Code A	\$1,300	\$200		
Importance Code B	\$800			
Importance Code C				
<b>Total</b>	<b>\$2,100</b>	<b>\$200</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**  
**Asset # : 896**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Exterior</b>								
<b>Exterior Walls</b>								
	Masonry: Brick	95%			LIFE	**	5	\$2,300
	Metal Panel	5%			2046	**	5-10	\$800
<b>Windows</b>								
	Glass Block	5%			LIFE	**	5	
	No Component	95%						
<b>Roof</b>								
	Roll Roofing	100%			2025	\$6,400	5	\$2,500
<b>Interior</b>								
<b>Floors</b>								
	Cast in Place Concrete	30%			LIFE	**	5	\$400
	Terrazzo	70%			LIFE	**	5	\$300
<b>Interior Walls</b>								
	Ceramic Tile	75%			2039	**	5	\$1,100
	Concrete Masonry Unit	25%			LIFE	**	5	\$100
<b>Ceilings</b>								
	Plaster	100%	Now	\$800	LIFE	**	5	\$400
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Space</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
	Fused Disc Sw	100%			2036	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
	Conduit	95%			2036	**	1	
	Conduit	5%			2056	**	1	
<b>Panelboards</b>								
	Molded Case Bkrs	100%			2034	**	5	
<b>Wiring</b>								
	Thermoplastic	95%			2036	**	1	
	Thermoplastic	5%			2056	**	1	
<b>Motor Controllers</b>								
	Locally Mounted	100%			2046	**	5	
<b>Ground</b>								
<b>Grounding Devices</b>								
	Generic	100%			LIFE	**	5	
<b>Lighting</b>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**

**Asset # : 896**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Lighting

Interior Lighting  
Fluorescent

100%

2026

\$900

10

\$400

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Heating

Energy Source

Natural Gas

100%

2046

\*\*

1

Conversion Equipment

Furnace

100%

2026

\$900

1

\$200

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Utility Room*

*Explanation : 1 Gas Fired Furnace*

Plumbing

H/C Water Piping

Brass/Copper

100%

2046

\*\*

1

Water Heater

Electric

100%

2025

\$300

4

Sanitary Piping

Cast Iron

100%

LIFE

\*\*

1

Storm Drain Piping

Cast Iron

100%

LIFE

\*\*

1

Backflow Preventer

Generic

100%

2034

\*\*

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE  
**Address** : BOARDWALK @ BEACH 116 ST.  
**Borough** : QUEENS **Agency's Number** : Q050  
**Program / Asset #** : PAR0031.003 / 874 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,963 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 16240 **Lot** : 85 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$36,900	
<b>Total</b>	<b>\$36,900</b>	
Importance Code A	\$36,900	
<b>Total</b>	<b>\$36,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$21,300			
Interior Architecture	\$300			
Electrical				
Mechanical			\$100	
<b>Total</b>	<b>\$21,600</b>		<b>\$100</b>	
Importance Code A	\$21,300			
Importance Code B	\$300		\$100	
Importance Code C				
<b>Total</b>	<b>\$21,600</b>		<b>\$100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE**  
**Asset # : 874**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$2,200	LIFE	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Glazed Ceramic Panel	95%	Now	\$36,900	LIFE	**	5	\$17,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near Stairs To Mens Restrooms</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rusting Masonry Support</i>								
Windows								
Aluminum	100%	Now	\$6,400	2051	**	5	\$100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East Facade</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East Facade</i>								
Parapets								
Glazed Ceramic Panel	70%	Now	\$5,800	2046	**	5	\$1,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	Now	\$1,500	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Rail	25%	Now	\$1,800	2039	**	5	\$2,300	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Roof								
Paver: Asphalt	100%	Now	\$3,500	2035	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Ceramic Tile	85%			2035	**	5	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE**  
**Asset # : 874**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	20%			LIFE	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Mosaic Tile	70%			LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Plaster	10%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
<b>Ceilings</b>								
Exposed Concrete	20%			LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Gypsum Board	80%			LIFE	**	5	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Not Accessible	100%							
Transformers								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Not Accessible	100%							
Panelboards								
Not Accessible	100%							
Wiring								
Not Accessible	100%							
Motor Controllers								
Not Accessible	100%							
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE**  
**Asset # : 874**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Lighting**

Interior Lighting								
Not Accessible	100%							
Egress Lighting								
Emergency, Battery	50%			2026	\$1,400	10	\$200	
Not Accessible	50%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Energy Source								
Natural Gas	100%			2036	**	1		
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							

**Ventilation**

Distribution								
Not Accessible	100%							
Exhaust Fans								
Not Accessible	100%							

**Plumbing**

H/C Water Piping								
Galvanized Steel	100%			2031	**	1		
Water Heater								
Not Accessible	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2031	**	4		
Sewage Ejector(s)								
Electric	100%			2026	\$500	4	\$100	
Backflow Preventer								
Generic	100%			2031	**	1	\$100	
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/MAINTENANCE**  
 Address : **BOARDWALK @ BEACH 17 ST.**  
 Borough : **QUEENS** Agency's Number : **N/A**  
 Program / Asset # : **PAR0031.I01 / 895** Yr Built/Renovated :  
 Area Sq Ft : **8,400** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **20-Jul-2015** Landmark Status : **NONE**  
 Areas Surveyed : **Roof, Floors 1**  
 Block : **15649** Lot : **1** BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$51,400	\$106,400
Mechanical	\$36,100	
<b>Total</b>	<b>\$87,500</b>	<b>\$106,400</b>
Importance Code A	\$51,400	\$106,400
Importance Code B	\$36,100	
<b>Total</b>	<b>\$87,500</b>	<b>\$106,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture		\$9,300		
Interior Architecture	\$21,700	\$2,300		\$100
Electrical	\$8,000	\$57,300		
Mechanical	\$500	\$7,600	\$1,800	\$500
<b>Total</b>	<b>\$30,200</b>	<b>\$76,500</b>	<b>\$1,800</b>	<b>\$600</b>
Importance Code A	\$400	\$9,700	\$400	\$400
Importance Code B	\$29,800	\$66,700	\$1,400	\$200
<b>Total</b>	<b>\$30,200</b>	<b>\$76,500</b>	<b>\$1,800</b>	<b>\$600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/MAINTENANCE**  
**Asset # : 895**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	70%	Now	\$51,400	LIFE	**	5	\$16,700	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade, East Facade</i>								
Metal Coiling Doors	25%			2031	**	5	\$18,600	
Stucco Cement	5%			2039	**	5	\$3,000	
<b>Windows</b>								
Metal Louvers	100%			2035	**	10	\$106,400	
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	65%			LIFE	**	5	\$17,300	
Mosaic Tile	15%			2031	**	5	\$4,600	
Terrazzo	15%			LIFE	**	5	\$1,400	
Vinyl Tile	5%			2026	\$5,300	3	\$300	
<b>Interior Walls</b>								
Masonry: Brick	70%			LIFE	**			
SGFT/Glazed Masonry	30%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	50%	Now	\$20,000	LIFE	**	5	\$1,000	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Plaster	50%	0-2	\$1,600	LIFE	**	5	\$3,800	
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%			2026	\$800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch For The House</i>								
Fused Disc Sw	50%			2026	\$800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch For Concession</i>								
<b>Raceway</b>								
Conduit	95%			2026	\$3,600	1		
Conduit	5%			2056	**	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.



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/MAINTENANCE**  
**Asset # : 895**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2025	\$400	5		
Molded Case Bkrs	95%			2025	\$7,200	5	\$200	
Wiring								
Braided Cloth	50%	2-4	\$4,200	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	45%			2026	\$3,800	1		
Thermoplastic	5%			2056	**	1		
Motor Controllers								
Locally Mounted	100%			2046	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	20%	Now	\$3,800	2036	**			
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	60%			2021	\$11,300	10	\$4,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Incandescent	20%			2021	\$9,000	2		
Exterior Lighting								
HID	100%			2021	\$32,400	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Furnace	100%			2026	\$18,900	1	\$4,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : 2 Package Air Conditioning Units With Gas Fire Furnace</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,700	
Terminal Devices								
Fan Coil Unit/Heat	30%			2021	\$36,100	1	\$800	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : General Area</i>								
<i>Explanation : Electric Unit Heater</i>								
No Component	70%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/MAINTENANCE**  
**Asset # : 895**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Ventilation								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,700
Exhaust Fans								
	Not Accessible	100%						
Plumbing								
H/C Water Piping								
	Galvanized Steel	100%			2031	**	1	
Water Heater								
	Electric	100%			2021	\$7,100	4	\$100
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Fixtures								
	Generic	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK DISTRICT OFFICE  
**Address** : BOARDWALK @ BEACH 86 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.170 / 877 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,875 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 16150 **Lot** : 100 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture			\$200	
Interior Architecture	\$17,300	\$2,000		\$100
Electrical		\$200		
Mechanical	\$10,000	\$10,200	\$500	
<b>Total</b>	<b>\$27,300</b>	<b>\$12,400</b>	<b>\$700</b>	<b>\$100</b>
Importance Code A	\$10,000		\$700	
Importance Code B	\$15,200	\$12,400		\$100
Importance Code C	\$2,100			
<b>Total</b>	<b>\$27,300</b>	<b>\$12,400</b>	<b>\$700</b>	<b>\$100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK DISTRICT OFFICE**

**Asset # : 877**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	85%			LIFE	**	5	\$9,300	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : South Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : North Facade</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : At Doors</i>								
Metal Coiling Doors	15%			2039	**	5	\$5,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Aluminum	50%			2042	**	5	\$400	
Glass Block	50%			LIFE	**	5	\$200	
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	35%	Now	\$6,700	LIFE	**	5	\$6,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Level, Boardwalk Level</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Level, Boardwalk Level</i>								
Mosaic Tile	15%			2031	**	5	\$3,400	
Quarry Tile	35%			2039	**	5	\$4,700	
Steel Plate	5%	Now	\$4,200	LIFE	**	1		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stair</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Stairs</i>								
Vinyl Tile	10%			2026		3	\$500	
<b>Interior Walls</b>								
Ceramic Tile	25%			2035	**	5	\$4,200	
Concrete Masonry Unit	10%			LIFE	**	5	\$700	
Gypsum Board	10%			LIFE	**	5	\$1,000	
Masonry: Brick	35%			LIFE	**			
SGFT/Glazed Masonry	20%			LIFE	**			
<b>Ceilings</b>								
AcousTileConcealSpLn	5%			2031	**	5	\$600	
Exposed Concrete	60%			LIFE	**	5	\$800	
Plaster	35%	Now	\$4,200	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Corridors</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corridors, Basement</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK DISTRICT OFFICE**

**Asset # : 877**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch For House</i>								
Fused Disc Sw	50%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch For Consession</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2056	**	5	\$200	
<b>Raceway</b>								
Conduit	100%			2056	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5	\$100	
<b>Wiring</b>								
Thermoplastic	100%			2056	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2046	**	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$100	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	90%			2036	**	10	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	10%			2036	**	10	\$500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2036	**	10	\$700	
Exit, Service	50%			2036	**	1		
<b>Exterior Lighting</b>								
HID	100%			2036	**	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	100%			2046	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK DISTRICT OFFICE**

**Asset # : 877**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Conversion Equipment							
	Radiant Heater	100%	0-2	\$10,000	2031	**	2	\$2,200
	<i>Not in Service, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Electric Baseboard Heaters</i>							
	Terminal Devices							
	No Component	60%						
	No Component	40%						
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%			2034	**	1	
	Conversion Equipment							
	Window/Wall Unit	30%			2021	\$3,500	1	
	No Component	70%						
<b>Plumbing</b>								
	H/C Water Piping							
	Galvanized Steel	100%			2024	\$24,600	1	
	Water Heater							
	Electric	100%			2021	\$4,900	4	\$100
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sewage Ejector(s)							
	Electric	100%			2021	\$1,600	4	\$400
	Fixtures							
	Generic	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES  
**Address** : BOARDWALK AND BEACH 67 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.004 / 14788 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$7,500		
Interior Architecture		\$1,000		
Electrical				
Mechanical			\$300	
<b>Total</b>		<b>\$8,500</b>	<b>\$300</b>	
Importance Code A		\$7,500		
Importance Code B		\$1,000	\$300	
<b>Total</b>		<b>\$8,500</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14788**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Marble Panels	60%			LIFE	**	5	\$4,100	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<hr/>								
Windows								
Aluminum	100%			2051	**	5	\$1,400	
<hr/>								
Roof								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<hr/>								
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2041	**	5	\$2,000	
<hr/>								
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
<hr/>								
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2056	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<hr/>								
Wiring								
Thermoplastic	100%			2056	**	1		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14788**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating							
Energy Source Electricity	100%		2056	**	1		
Air Conditioning							
Energy Source Electricity	100%		2051	**	1		
Conversion Equipment Interior Pkg Unit - Cooling	100%		2031	**	2		
Distribution Ductwork/Diffusers	100%		LIFE	**	2	\$900	
Ventilation							
Exhaust Fans Roof	100%		2036	**	2		
Plumbing							
H/C Water Piping Brass/Copper	100%		2056	**	1		
Water Heater Electric	100%		2026	\$600	4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : 1st Floor</i>					
		<i>Explanation : Tankless Water Heater</i>					
Sanitary Piping Cast Iron	100%		LIFE	**	1		
Storm Drain Piping Cast Iron	100%		LIFE	**	1		
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler Generic	100%		2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES  
**Address** : BOARDWALK AND BEACH 116 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.009 / 14793 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical			\$300	
<b>Total</b>		<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B		\$1,000	\$300	
<b>Total</b>		<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**

**Asset # : 14793**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<hr/>								
Windows								
Aluminum	100%			2051	**	5	\$1,400	
<hr/>								
Roof								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<hr/>								
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2041	**	5	\$2,000	
<hr/>								
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
<hr/>								
Ceilings								
Ceramic Tile	50%			LIFE	**	5	\$700	
Gypsum Board	50%			LIFE	**	5	\$1,400	
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2056	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<hr/>								
Wiring								
Thermoplastic	100%			2056	**	1		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14793**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating							
Energy Source Electricity	100%		2056	**	1		
Air Conditioning							
Energy Source Electricity	100%		2051	**	1		
Conversion Equipment Interior Pkg Unit - Cooling	100%		2031	**	2		
Distribution Ductwork/Diffusers	100%		LIFE	**	2	\$900	
Ventilation							
Exhaust Fans Roof	100%		2036	**	2		
Plumbing							
H/C Water Piping Brass/Copper	100%		2056	**	1		
Water Heater Electric	100%		2026	\$600	4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : 1st Floor</i>					
		<i>Explanation : 1 Unit, 120 Gal</i>					
Sanitary Piping Cast Iron	100%		LIFE	**	1		
Storm Drain Piping Cast Iron	100%		LIFE	**	1		
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler Generic	100%		2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.  
**Address** : BOARDWALK @ BEACH 97 ST.  
**Borough** : QUEENS **Agency's Number** : Q163-13  
**Program / Asset #** : PAR0031.130 / 876 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,439 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 16189 **Lot** : 50 **BIN** :

**CAPITAL**

**Total**  
 Importance Code  
**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$500		
Interior Architecture	\$56,000			
Electrical		\$100		
Mechanical	\$1,400	\$7,100	\$700	\$300
<b>Total</b>	<b>\$57,400</b>	<b>\$7,600</b>	<b>\$700</b>	<b>\$300</b>
Importance Code A	\$200	\$700	\$200	\$200
Importance Code B	\$53,200	\$6,900	\$600	\$100
Importance Code C	\$4,000			
<b>Total</b>	<b>\$57,400</b>	<b>\$7,600</b>	<b>\$700</b>	<b>\$300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.**  
**Asset # : 876**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$10,500	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : East Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : East Facade, South Facade</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : At Doors</i>								
Metal Coiling Doors	25%			2039	**	5	\$11,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	25%			2051	**	5	\$1,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Glass Block	75%			LIFE	**	5	\$2,000	
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	30%	Now	\$3,700	LIFE	**	5	\$3,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement, Ramp At Boardwalk Level</i>								
Mosaic Tile	25%	Now	\$17,900	2031	**	5	\$1,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Mens Restroom</i>								
Quarry Tile	40%			2039	**	5	\$3,500	
Steel Plate	5%	Now	\$27,300	LIFE	**	1		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
Interior Walls								
Ceramic Tile	20%			2035	**	5	\$600	
Concrete Masonry Unit	10%			LIFE	**	5	\$100	
Masonry: Brick	25%			LIFE	**			
SGFT/Glazed Masonry	15%	Now	\$3,700	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Basement Entrance</i>								
<i>Loose Units, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement Entrance</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Basement Entrance</i>								
SGFT/Glazed Masonry	30%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.**  
**Asset # : 876**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
Exposed Concrete	10%	Now	\$1,900	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Exposed Concrete	20%			LIFE	**	5	\$200	
Plaster	70%	Now	\$1,100	LIFE	**	5	\$2,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 1st Floor</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch</i>								
Raceway								
Conduit	100%			2056	**	1		
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5	\$100	
Wiring								
Thermoplastic	100%			2056	**	1		
Motor Controllers								
Locally Mounted	100%			2046	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	90%			2036	**	10	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	10%			2036	**	10	\$300	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallway And Basement</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.**

**Asset # : 876**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Lighting

Egress Lighting								
Emergency, Battery	50%			2036	**	10	\$400	
Exit, Service	50%			2036	**	1		
Exterior Lighting								
HID	100%			2036	**	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Heating

Energy Source								
Natural Gas	100%			2036	**	1		
Conversion Equipment								
Furnace	100%			2026	\$7,700	1	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : Basement Of Enforcement Side Of Building</i> <i>Explanation : 1 Gas Fired Packed Unit</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,900	

## Air Conditioning

Conversion Equipment								
Window/Wall Unit	20%			2021	\$1,400	1		
No Component	80%							

## Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,900	
Exhaust Fans								
Roof	100%			2021	\$5,500	2	\$100	

## Plumbing

H/C Water Piping								
Galvanized Steel	100%			2024	\$14,400	1		
Water Heater								
Electric	100%			2025	\$2,900	4		
Sanitary Piping								
Cast Iron	100%	Now	\$1,200	LIFE	**	1		
<i>Cracked, Extent : Light, Area Affected : 10%</i> <i>Location : Basement</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sewage Ejector(s)								
Electric	100%			2031	**	4	\$100	
Backflow Preventer								
Generic	100%			2034	**	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.



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.**  
**Asset # : 876**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

Plumbing

Fixtures

Generic

100%

*Obsolete Fixtures, Extent : Severe, Area Affected : 100%*

*Location : Bathrooms*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BUILDING  
**Address** : BOARDWALK @ BEACH 106 ST.  
**Borough** : QUEENS **Agency's Number** : Q163-03  
**Program / Asset #** : PAR0031.030 / 875 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,270 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Jul-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 16189 **Lot** : 50 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Mechanical		\$47,300
<b>Total</b>		<b>\$47,300</b>
Importance Code B		\$47,300
<b>Total</b>		<b>\$47,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$14,300	\$2,600		
Interior Architecture	\$62,300			
Electrical		\$200		
Mechanical	\$800	\$13,800	\$700	\$400
<b>Total</b>	<b>\$77,400</b>	<b>\$16,500</b>	<b>\$700</b>	<b>\$400</b>
Importance Code A	\$14,500	\$14,700	\$300	\$300
Importance Code B	\$32,900	\$1,800	\$400	\$100
Importance Code C	\$30,000			
<b>Total</b>	<b>\$77,400</b>	<b>\$16,500</b>	<b>\$700</b>	<b>\$400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BUILDING**  
**Asset # : 875**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	85%	Now	\$14,300	LIFE	**	5	\$9,300	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Doors</i>								
Metal Coiling Doors	15%			2046	**	5	\$5,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Glass Block	100%			LIFE	**	5	\$500	
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	45%	Now	\$2,200	LIFE	**	5	\$8,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Mosaic Tile	25%	Now	\$13,800	2039	**	5	\$2,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Quarry Tile	30%			2039	**	5	\$4,100	
<b>Interior Walls</b>								
Concrete Masonry Unit	25%			LIFE	**	5	\$1,700	
Gypsum Board	15%			LIFE	**	5	\$1,500	
Masonry: Brick	10%	Now	\$13,400	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Boiler Room</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Boiler Room</i>								
SGFT/Glazed Masonry	50%	Now	\$16,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Near Stair To Boardwalk Level</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Near Stair To Boardwalk Level</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BUILDING**  
**Asset # : 875**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
Exposed Concrete	25%	Now	\$7,400	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Basement</i>								
Plaster	75%	Now	\$9,100	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement And Storage Room On Boardwalk Level</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement And Storage Room On Boardwalk Level</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch for the house</i>								
Fused Disc Sw	50%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch For Concession</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	**	5	\$100	
Raceway								
Conduit	100%			2056	**	1		
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5	\$100	
Wiring								
Thermoplastic	100%			2056	**	1		
Motor Controllers								
Locally Mounted	100%			2046	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2036	**	10	\$4,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2036	**	10	\$200	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Hallway</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BUILDING**  
**Asset # : 875**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Egress Lighting								
Emergency, Battery	50%			2036	**	10	\$600	
Exit, Service	50%			2036	**	1		
Exterior Lighting								
HID	100%			2036	**	10		
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Furnace	100%			2021	\$11,900	1	\$2,600	
			<i>Not in Service, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,900	
<b>Air Conditioning</b>								
Conversion Equipment								
Heat Pump Air Sourced	95%			2027	\$47,300	2	\$300	
Window/Wall Unit	5%			2024	\$500	1		
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%			2024	\$22,100	1		
Water Heater								
Electric	100%			2024	\$4,400	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$500	LIFE	**	1		
			<i>Cracked, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
Sewage Ejector(s)								
Electric	100%			2021	\$1,500	4	\$300	
Backflow Preventer								
Generic	100%			2031	**	1	\$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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK THREE LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 116 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.010 / 14794 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 1,050 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,700		
Electrical				
Mechanical	\$100	\$100	\$400	\$100
<b>Total</b>	<b>\$100</b>	<b>\$19,400</b>	<b>\$400</b>	<b>\$100</b>
Importance Code A		\$17,600		
Importance Code B	\$100	\$1,000	\$400	\$100
Importance Code C		\$700		
<b>Total</b>	<b>\$100</b>	<b>\$19,400</b>	<b>\$400</b>	<b>\$100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK THREE LIFEGUARD MODULES**  
**Asset # : 14794**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<b>Windows</b>								
Aluminum	100%			2051	**	5	\$1,400	
<b>Roof</b>								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	100%			2041	**	5	\$2,000	
<b>Interior Walls</b>								
Ceramic Tile	20%			2041	**	5	\$1,500	
Metal Panel	80%			LIFE	**			
<b>Ceilings</b>								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<b>Raceway</b>								
Conduit	100%			2056	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<b>Wiring</b>								
Thermoplastic	100%			2056	**	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2036	**	10	\$1,000	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK THREE LIFEGUARD MODULES**  
**Asset # : 14794**

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Electricity	100%			2056	**	1		
Air Conditioning								
Energy Source Electricity	100%			2051	**	1		
Conversion Equipment Split Unit	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Refrigerant R-410</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$1,400	
Terminal Devices								
Fan Coil - 2 Pipe	100%			2036	**	1	\$300	
Ventilation								
Exhaust Fans Roof	100%			2036	**	2		
Plumbing								
H/C Water Piping Brass/Copper	100%			2056	**	1		
Water Heater Electric	100%			2026	\$900	4		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 3 Units, Each 120 Gal</i>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2056	**	1-2	\$300	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 32 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.001 / 14786 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical	\$100		\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B	\$100	\$1,000	\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**

**Asset # : 14786**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<hr/>								
Windows								
Aluminum	100%			2051	**	5	\$1,400	
<hr/>								
Roof								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<hr/>								
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2041	**	5	\$2,000	
<hr/>								
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
<hr/>								
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2056	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<hr/>								
Wiring								
Thermoplastic	100%			2056	**	1		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14786**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating							
Energy Source Electricity	100%		2056	**	1		
Air Conditioning							
Energy Source Electricity	100%		2051	**	1		
Conversion Equipment Split Unit	100%		2036	**			
Distribution Ductwork/Diffusers	100%		LIFE	**	2	\$900	
Terminal Devices Fan Coil - 2 Pipe	100%		2036	**	1	\$200	
Ventilation							
Exhaust Fans Roof	100%		2036	**	2		
Plumbing							
H/C Water Piping Brass/Copper	100%		2056	**	1		
Water Heater Electric	100%		2026	\$600	4		
Fixtures Generic	100%						
Fire Suppression							
Sprinkler Generic	100%		2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 59 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.002 / 14787 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical	\$100		\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B	\$100	\$1,000	\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**

**Asset # : 14787**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<b>Windows</b>								
Aluminum	100%			2051	**	5	\$1,400	
<b>Roof</b>								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	100%			2041	**	5	\$2,000	
<b>Interior Walls</b>								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
<b>Ceilings</b>								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<b>Raceway</b>								
Conduit	100%			2056	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<b>Wiring</b>								
Thermoplastic	100%			2056	**	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14787**

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Electricity	100%			2056	**	1		
Air Conditioning								
Energy Source Electricity	100%			2051	**	1		
Conversion Equipment Split Unit	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Refrigerant R-410</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$900	
Terminal Devices								
Fan Coil - 2 Pipe	100%			2036	**	1	\$200	
Ventilation								
Exhaust Fans Roof	100%			2036	**	2		
Plumbing								
H/C Water Piping Brass/Copper	100%			2056	**	1		
Water Heater Electric	100%			2026	\$600	4		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : One 120 Gallons</i>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 73 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.005 / 14789 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical			\$300	
<b>Total</b>		<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B		\$1,000	\$300	
<b>Total</b>		<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**

**Asset # : 14789**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<hr/>								
Windows								
Aluminum	100%			2051	**	5	\$1,400	
<hr/>								
Roof								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<hr/>								
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2041	**	5	\$2,000	
<hr/>								
Interior Walls								
Metal Panel	20%			LIFE	**			
Metal Panel	80%			LIFE	**			
<hr/>								
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boulder Room</i>								
<i>Explanation : 400 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2056	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<hr/>								
Wiring								
Thermoplastic	100%			2056	**	1		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14789**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	100%			2056	**	1		
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2051	**	1		
Conversion Equipment Split Unit	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Refrigerant R-410</i>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2	\$900	
<b>Ventilation</b>								
Exhaust Fans Roof	100%			2036	**	2		
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2052	**	1		
Water Heater Electric	100%			2026	\$600	4		
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
<b>Fixtures</b>								
Generic	100%							
<b>Fire Suppression</b>								
Sprinkler Generic	100%			2056	**	1-2	\$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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 86 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.006 / 14790 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical	\$100		\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B	\$100	\$1,000	\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**

**Asset # : 14790**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<hr/>								
Windows								
Aluminum	100%			2051	**	5	\$1,400	
<hr/>								
Roof								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<hr/>								
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2041	**	5	\$2,000	
<hr/>								
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
<hr/>								
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2056	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<hr/>								
Wiring								
Thermoplastic	100%			2056	**	1		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14790**

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Electricity	100%			2056	**	1		
Air Conditioning								
Energy Source Electricity	100%			2051	**	1		
Conversion Equipment Split Unit	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Refrigerant R-410</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$900	
Terminal Devices								
Fan Coil - 2 Pipe	100%			2036	**	1	\$200	
Ventilation								
Exhaust Fans Roof	100%			2036	**	2		
Plumbing								
H/C Water Piping Brass/Copper	100%			2056	**	1		
Water Heater Electric	100%			2026	\$600	4		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 3 Units, 120 Gallons Each</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 97 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.007 / 14791 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical	\$100		\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B	\$100	\$1,000	\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**

**Asset # : 14791**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<b>Windows</b>								
Aluminum	100%			2051	**	5	\$1,400	
<b>Roof</b>								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	100%			2041	**	5	\$2,000	
<b>Interior Walls</b>								
Metal Panel	50%			LIFE	**			
Mosaic Tile	50%			LIFE	**			
<b>Ceilings</b>								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<b>Raceway</b>								
Conduit	100%			2056	**	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<b>Wiring</b>								
Thermoplastic	100%			2056	**	1		
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14791**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Heating</b>							
Energy Source Electricity	100%			2056	**	1	
<b>Air Conditioning</b>							
Energy Source Electricity	100%			2051	**	1	
Conversion Equipment Split Unit	100%			2036	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : 1st Floor</i>							
<i>Explanation : Refrigerant R-410</i>							
<b>Distribution</b>							
Ductwork/Diffusers	100%			LIFE	**	2	\$900
<b>Terminal Devices</b>							
Fan Coil - 2 Pipe	100%			2036	**	1	\$200
<b>Ventilation</b>							
Exhaust Fans Roof	100%			2036	**	2	
<b>Plumbing</b>							
H/C Water Piping Brass/Copper	100%			2056	**	1	
Water Heater Electric	100%			2026	\$600	4	
Sanitary Piping Cast Iron	100%			LIFE	**	1	
Storm Drain Piping Cast Iron	100%			LIFE	**	1	
<b>Fixtures</b>							
Generic	100%						
<b>Fire Suppression</b>							
Sprinkler Generic	100%			2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES  
**Address** : BOARDWALK AND BEACH 106 ST.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0031.008 / 14792 **Yr Built/Renovated** : 2014 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture		\$17,600		
Interior Architecture		\$1,000		
Electrical				
Mechanical	\$100		\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	
Importance Code A		\$17,600		
Importance Code B	\$100	\$1,000	\$300	
<b>Total</b>	<b>\$100</b>	<b>\$18,600</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**

**Asset # : 14792**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$4,500	
Metal Panel	60%			2056	**	5-10	\$37,200	
Wood	30%			2046	**	5	\$13,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Composite Material</i>								
<hr/>								
Windows								
Aluminum	100%			2051	**	5	\$1,400	
<hr/>								
Roof								
Metal Panel	70%			2046	**	10	\$5,300	
Skylight, Metal/Glass	30%			2056	**	10	\$4,200	
<hr/>								
<b>Interior</b>								
Floors								
Ceramic Tile	100%			2041	**	5	\$2,000	
<hr/>								
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
<hr/>								
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$1,400	
Mosaic Tile	50%			LIFE	**	1		
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 400 Amperes</i>								
<hr/>								
Raceway								
Conduit	100%			2056	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
<hr/>								
Wiring								
Thermoplastic	100%			2056	**	1		
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14792**

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Electricity	100%			2056	**	1		
Air Conditioning								
Energy Source Electricity	100%			2051	**	1		
Conversion Equipment Split Unit	100%			2036	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Refrigerant R-410</i>						
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$900	
Terminal Devices								
Fan Coil - 2 Pipe	100%			2036	**	1	\$200	
Ventilation								
Exhaust Fans Roof	100%			2036	**	2		
Plumbing								
H/C Water Piping Brass/Copper	100%			2056	**	1		
Water Heater Electric	100%			2026	\$600	4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : 3 Units, Each 120 Gal</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2056	**	1-2	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROY WILKINS PARK RECREATION CTR  
**Address** : MERRICK BLVD AND 119TH AVE. 177 ST AND BAISLEY BLVD.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0149.020 / 13631 **Yr Built/Renovated** : 1939 / 2010  
**Area Sq Ft** : 36,328 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Jun-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,Att  
**Block** : 12406 **Lot** : 180 **BIN** : 4268835

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$700,000	\$112,900
Interior Architecture	\$412,100	
Electrical		\$583,000
Mechanical		\$670,400
<b>Total</b>	<b>\$1,112,100</b>	<b>\$1,366,400</b>
Importance Code A	\$700,000	\$112,900
Importance Code B	\$412,100	\$1,253,400
<b>Total</b>	<b>\$1,112,100</b>	<b>\$1,366,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$96,900		\$3,300	
Interior Architecture	\$102,600			\$7,800
Electrical	\$37,900	\$3,500	\$5,200	\$4,200
Mechanical	\$48,800	\$5,500	\$14,500	\$4,000
Site Enclosure	\$9,200			
Site Pavements	\$45,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$344,900</b>	<b>\$13,000</b>	<b>\$26,900</b>	<b>\$19,900</b>
Importance Code A	\$98,700	\$1,800	\$5,100	\$1,800
Importance Code B	\$162,600	\$11,200	\$21,800	\$18,100
Importance Code C	\$83,700			
<b>Total</b>	<b>\$344,900</b>	<b>\$13,000</b>	<b>\$26,900</b>	<b>\$19,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$30,600	LIFE	**	5	\$13,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Foundation Into Basement</i>								
Concrete Masonry Unit	5%			LIFE	**	5	\$3,300	
Fiberglass Panel	2%			2032	**	5	\$4,000	
Stucco Cement	85%			2034	**	5	\$112,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	3%	Now	\$25,600	2034	**	5	\$4,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Fascias</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Fascias</i>								
<i>Split/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Fascias</i>								
Windows								
Aluminum	95%	Now	\$16,600	2037	**	5	\$1,900	
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Activity Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Activity Room</i>								
Metal Louvers	5%			2032	**	10	\$1,300	
Parapets								
Metal Panel	3%			2049	**	5		
Stucco Cement	27%			2034	**	5		
No Component	70%							
Roof								
Asphalt Shingle	30%	Now	\$15,200	2032	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	70%	Now	\$700,000	2039	**			
<i>Blisters, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Flat Surfaces</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Flat Surfaces</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Flat Surfaces</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

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								
Soffits								
Fiberglass Panel	15%	Now	\$3,800	2032	**	5	\$1,600	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Front Canopy</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Canopy</i>								
Stucco Cement	10%	Now	\$3,400	2034	**	5	\$700	
<i>Paint Peeling, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Wood	75%			2034	**	5	\$21,400	
<i>Paint Peeling, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	15%	Now	\$17,300	LIFE	**	5	\$17,800	
<i>Paint Peeling, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Basement</i>								
Ceramic Tile	15%			2038	**	5	\$8,200	
Sheet Vinyl/Rubber	15%			2034	**	5	\$12,200	
Vinyl Tile	55%	Now	\$259,500	2039	**	3	\$11,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</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.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	\$9,700	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Basement</i>								
Concrete Masonry Unit	60%	Now	\$8,200	LIFE	**	5	\$7,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair</i>								
Glazed Ceramic Panel	10%			LIFE	**	10	\$2,700	
Gypsum Board	25%			LIFE	**	5-10	\$12,800	
Ceilings								
AcousTileSusp.Lay-In	34%	Now	\$152,600	2049	**	5	\$9,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
AcousTileSusp.Lay-In	16%			2049	**	5	\$8,700	
Exposed Concrete	10%	Now	\$17,900	LIFE	**	5	\$900	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Maintenance Area</i>								
Exposed Struc: Steel	30%			LIFE	**	10	\$32,600	
Plaster	10%			LIFE	**	5-10	\$9,300	
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Site Enclosure								
Fence/Gates								
Chain Link	25%			2049	**			
Iron Picket	75%	Now	\$9,200	2049	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Handrails</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2049		**		
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%	Now	\$19,200	2042		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Ramp And Steps</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Ramp</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Rear Ramp And Stair</i>								
<i>Explanation : Blocked Off, Not Being Used By Public</i>								
Pavers/Stone	30%	Now	\$17,300	2032		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Parking/Driveway								
Asphalt	100%	Now	\$9,100	2032		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Potholes, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	\$8,500	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 And One 800 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2029	\$99,700	5	\$200	
Raceway								
Conduit	100%			2029	\$53,600	1		
Panelboards								
Fused Disc Sw	5%			2028	\$3,800	5		
Molded Case Bkrs	95%			2028	\$72,500	5	\$900	
Wiring								
Braided Cloth	30%	2-4	\$20,400	2054		**		1
<i>Insulation Aged, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
Thermoplastic	70%			2029	\$47,500	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Under 600 Volts</b>								
Motor Controllers								
	Locally Mounted	100%			2027	\$46,300	5	\$200
<b>Ground</b>								
Grounding Devices								
	Generic	100%	2-4	\$9,700	LIFE	**	5	\$500
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Stand-by Power</b>								
Transfer Switches								
	Automatic	100%			2034	**	1	\$11,200
Generators								
	Diesel	100%			2032	**	1	\$14,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 125 Kilowatt</i>								
Batteries								
	Lead/Acid	100%			2022	\$1,500	5	\$1,300
Fuel Storage								
	Main Tank	100%			2044	**	5	\$1,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 275 Gallon Capacity</i>								
<b>Lighting</b>								
Interior Lighting								
	Fluorescent	10%			2024	\$8,200	10	\$3,300
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
	Fluorescent	50%			2034	**	10	\$16,700
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
	LED	40%			2037	**		
Egress Lighting								
	Emergency, Service	30%			2024	\$5,500	1	
	Emergency, Service	30%			2037	**	1	
	Exit, Service	10%			2029	\$1,000	1	
	Exit, Service	30%			2024	\$3,000	1	
Exterior Lighting								
	HID	100%			2024	\$140,000	10	\$100
<b>Alarm</b>								
Security System								
	No Component	70%						
	Generic	30%			2029	\$33,700	1	\$4,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways And Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Alarm

## Fire/Smoke Detection

No Component	70%							
Generic, Digital	30%			2029	\$115,200	1-3	\$6,900	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Heating

## Energy Source

Natural Gas	100%			2055	**	1		
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## Conversion Equipment

Hot Water Boiler	100%			2042	**	1	\$18,000	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Boiler House, Backyard*

*Explanation : 2 Units*

## Distribution

Hot Wtr Piping/Pump	100%			2037	**	4	\$2,700	
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## Terminal Devices

Convactor/Radiator	60%			2027	\$111,500	1	\$7,000	
Unit Heater - Steam	40%			2024	\$49,700	4	\$2,000	

## Air Conditioning

## Energy Source

Electricity	100%			2037	**	1		
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## Conversion Equipment

Interior Pkg Unit - Cooling	20%			2027	\$259,700	2	\$400	
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*R-22 Refrigerant, Extent : Light, Area Affected : 20%*

*Location : 1st Floor*

Exterior Pkg Unit - Cooling	20%			2029	\$56,200	2	\$400	
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*R-22 Refrigerant, Extent : Light, Area Affected : 20%*

*Location : Roof*

Ext Pkg Unit - Heating/Cooling	20%			2037	**	2	\$400	
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*R-22 Refrigerant, Extent : Light, Area Affected : 20%*

*Location : Roof*

Window/Wall Unit	10%			2024	\$7,200	1		
No Component	30%							

## Heat Rejection

Air Cooled Condenser Unit	70%			2034	**	2	\$17,700	
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No Component	30%							
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**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Air Conditioning	Dehumidifier							
	Generic	100%	Now	\$3,600	2027	\$36,000		
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Roof</i>				
				<i>Explanation : Not In Service</i>				
Ventilation	Distribution							
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$32,100
	Exhaust Fans							
	Roof	100%			2034	**	2	\$1,100
Plumbing	H/C Water Piping							
	Brass/Copper	60%			2039	**	1	
	Galvanized Steel	40%	0-2	\$12,200	2034	**	1	
				<i>Corroded, Extent : Severe, Area Affected : 20%</i>				
				<i>Location : Pool Pump Room, Basement</i>				
	Water Heater							
	Gas Fired	100%			2027	\$21,200	2	\$500
	HW Heat Exchanger							
	Steam Fired	100%	Now	\$11,100	2029	\$55,300	4	\$3,600
				<i>Corroded, Extent : Severe, Area Affected : 70%</i>				
				<i>Location : Pool Pump Room, Sub-basement</i>				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Filter Room</i>				
				<i>Explanation : For Pool Use</i>				
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2020	\$1,200	4	\$1,200
	Pool Filter/Treatment							
	Sand	100%			2034	**	4	\$9,000
	Sewage Ejector(s)							
	Electric	100%			2024	\$10,000	4	\$2,200
	Fixtures							
	Generic	100%						
Vertical Transport	Elevators							
	Hydraulic	100%			LIFE	**		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : First Floor To The Second Floor</i>				
				<i>Explanation : 1 Unit</i>				
Fire Suppression	Standpipe							
	Generic	100%			2039	**	1-5	\$18,300
	Sprinkler							
	No Component	70%						
	Generic	30%			2029	\$102,000	1-2	\$3,100

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**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RUFUS KING PARK KING MANSION HISTORIC HOUSE  
Address : 150-03 JAMAICA AVE, JAMAICA AVE., 150TH TO 153RD  
Borough : QUEENS Agency's Number : Q023-02  
Program / Asset # : PAR0027.002 / 1803 Yr Built/Renovated : 1730 / 2002  
Area Sq Ft : 8,000 Project Type : PARKS AND RECREATION  
Date of Survey : 05-Oct-2015 Landmark Status : INTERIOR & EXTERIOR LANDMARK  
Areas Surveyed : Basement, Roof, Floors 1,2,etc  
Block : 9682 Lot : 1 BIN : 4845625

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$702,600	\$48,600
Electrical	\$23,200	\$106,200
Mechanical	\$195,300	\$178,000
<b>Total</b>	<b>\$921,100</b>	<b>\$332,800</b>
Importance Code A	\$702,600	\$48,600
Importance Code B	\$218,500	\$284,200
<b>Total</b>	<b>\$921,100</b>	<b>\$332,800</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$24,000			
Interior Architecture	\$17,000	\$600	\$7,700	\$17,200
Electrical	\$16,500	\$700	\$14,100	\$500
Mechanical	\$2,200	\$1,800	\$27,400	\$1,800
<b>Total</b>	<b>\$59,700</b>	<b>\$3,100</b>	<b>\$49,200</b>	<b>\$19,500</b>
Importance Code A	\$25,900	\$400	\$20,100	\$400
Importance Code B	\$30,000	\$2,700	\$29,100	\$19,100
Importance Code C	\$3,700			
<b>Total</b>	<b>\$59,700</b>	<b>\$3,100</b>	<b>\$49,200</b>	<b>\$19,500</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**

**Asset # : 1803**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	5%	0-2	\$10,900	LIFE	**	5	\$1,100	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Base Of Chimney At North Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Base Of Chimney At North Facade</i>								
<i>Loose Units, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Base Of Chimney At North Facade</i>								
Masonry: Fieldstone	5%			LIFE	**	5	\$800	
Wood	90%	Now	\$227,300	2032	**	5	\$48,600	1
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Window Sills</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Wood	95%			2035	**	5	\$23,800	
Wood	5%	Now	\$1,200	2035	**	5	\$600	
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Southeast Storage Room On Second Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Southeast Storage Room On Second Floor</i>								
<b>Roof</b>								
Wood Shingles	100%	Now	\$475,300	2042	**			1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Over First Floor And Attic</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Education Directors Office, Attic, Servants Hallway</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	5%			2023	\$16,600	3	\$2,300	
Cast in Place Concrete	5%			LIFE	**	5	\$2,600	
Ceramic Tile	5%			2036	**	5	\$1,200	
Wood	50%			2030	**	5	\$21,900	
Wood	35%			2042	**	5	\$15,400	

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**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**

**Asset # : 1803**

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		

**Interior**

**Interior Walls**

Gypsum Board	15%			LIFE	**	5	\$1,900
Plaster	70%			LIFE	**	5	\$4,300
Plaster	10%	Now	\$3,700	LIFE	**	5	\$600

*Diagonal Cracks, Extent : Severe, Area Affected : 15%*

*Location : Servants Hallway On Second Floor*

*Water Penetration, Extent : Moderate, Area Affected : 10%*

*Location : Servants Hallway On Second Floor*

Wood	5%			LIFE	**	5	\$4,100
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**Ceilings**

Exposed Struc: Wood	10%			LIFE	**		
Gypsum Board	15%	Now	\$1,700	LIFE	**	5	\$3,800

*Cracking/Crumbling, Extent : Moderate, Area Affected : 10%*

*Location : Closet In Education Directors Office, Attic*

*Water Penetration, Extent : Moderate, Area Affected : 10%*

*Location : 2nd Floor Offices, Near Chimney, Education Directors Office*

Plaster	70%			LIFE	**	5	\$9,000
Wood	5%			LIFE	**	5	\$9,000

<b>Electrical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2027	\$1,600	5	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Switch Rated At 400 Amperes.*

**Switchgear / Switchboard**

Fused Disc Sw	100%			2027	\$27,200	5	
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**Raceway**

Conduit	70%			2027	\$2,900	1	
Conduit	30%			2037	**	1	

**Panelboards**

Fused Disc Sw	10%			2026	\$800	5	
Molded Case Bkrs	60%			2026	\$5,000	5	\$100
Molded Case Bkrs	30%			2035	**	5	\$100

**Wiring**

Thermoplastic	70%			2027	\$6,400	1	
Thermoplastic	30%			2037	**	1	

**Ground**

**Grounding Devices**

Generic	100%	2-4	\$10,600	LIFE	**	5	\$100
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Water Main*

*Explanation : Corroded*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

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**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**  
**Asset # : 1803**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2022	\$3,900	10	\$1,500	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And Attic</i>								
Incandescent	50%			2022	\$23,200	2	\$100	
Incandescent	30%			2027	\$13,900	2	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2022	\$6,000	10	\$1,000	
Exit, Service	50%			2022	\$1,200	1		
<b>Exterior Lighting</b>								
HID	20%			2027	\$6,700	10		
No Component	80%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	80%							
Generic	20%	Now	\$5,400	2037	**	1	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<i>Explanation : Intrusion Alarm System; Not Functional</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2027	\$92,200	1-3	\$4,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Alarm Bells, Smoke Detectors, Manual Pull Stations, Strobe Lights</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2037	**	1		
<b>Conversion Equipment</b>								
Furnace	100%	Now	\$2,000	2022	\$19,600	1	\$3,600	
<i>Not in Service, Extent : Severe, Area Affected : 20%</i>								
<i>Location : #5 Unit, Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 5 Units Are Built Into Air Handlers</i>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,500	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2035	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**

**Asset # : 1803**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
Conversion Equipment								
	Split Unit	100%		2027	\$178,000			
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Of The Building</i>								
<hr/>								
Terminal Devices								
	Fan Coil - 4 Pipe	100%		2022	\$195,300	1	\$2,600	
<hr/>								
Heat Rejection								
	Air Cooled Condenser Unit	100%		2027	\$16,800	2	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Side Yard</i>								
<i>Explanation : 5 Units</i>								
<hr/>								
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%		2037	**	1		
<hr/>								
Water Heater								
	Gas Fired	100%		2022	\$5,100	2	\$100	
<hr/>								
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
<hr/>								
Sump Pump(s)								
	Non-Submersible	100%		2022	\$1,300	4	\$200	
<hr/>								
Fixtures								
	Generic	100%						
<hr/>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER  
**Address** : E. HOUSTON TO CANAL STREET BETWEEN DELANCEY AND GRAND ST.  
**Borough** : MANHATTAN **Agency's Number** : M105-06A  
**Program / Asset #** : PAR0056.020 / 273 **Yr Built/Renovated** : 1936 / 2005  
**Area Sq Ft** : 5,104 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 418 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$134,300	\$99,700
Interior Architecture	\$43,500	
Mechanical	\$39,700	
<b>Total</b>	<b>\$217,500</b>	<b>\$99,700</b>
Importance Code A	\$134,300	\$99,700
Importance Code B	\$39,700	
Importance Code C	\$43,500	
<b>Total</b>	<b>\$217,500</b>	<b>\$99,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$60,400			
Interior Architecture	\$34,200	\$600		\$400
Electrical	\$900	\$900	\$2,500	\$5,400
Mechanical	\$2,200	\$400	\$800	\$19,200
Site Pavements	\$3,900			
<b>Total</b>	<b>\$101,600</b>	<b>\$1,900</b>	<b>\$3,200</b>	<b>\$25,000</b>
Importance Code A	\$60,700	\$300	\$300	\$11,800
Importance Code B	\$24,700	\$1,600	\$3,000	\$13,200
Importance Code C	\$16,200			
<b>Total</b>	<b>\$101,600</b>	<b>\$1,900</b>	<b>\$3,200</b>	<b>\$25,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**

**Asset # : 273**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	90%	Now	\$94,400	LIFE	**	5	\$15,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Building Corners</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Span Over Stairs Leading To Basement</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Downspouts And Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Upper Walls At Base Of Parapets</i>								
Pre-Cast Concrete	10%	2-4	\$5,700	LIFE	**	5	\$5,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Decorative Elements - All Facades</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Horizontal Banding</i>								
Windows								
Glass Block	3%			LIFE	**	5		
Wood	97%	Now	\$25,200	2036	**	5	\$10,900	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Window Panes Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Blocking Where Window Air Conditioners Are Installed</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Damaged Metal Grilles - South Facade</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Prtoective Metal Grilles</i>								
Parapets								
Masonry: Brick	90%	Now	\$26,500	LIFE	**	5	\$1,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Interior And Exterior Walls - Under Coping</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Interior And Exterior Walls - Under Coping</i>								
Pre-Cast Concrete	10%	Now	\$3,000	LIFE	**	5	\$1,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Coping</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Improper Sealants Used At Base Of Walls And At Flashing</i>								
<i>Explanation : Repair Failure</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Modified Bitumen	100%	Now	\$39,900	2028	\$99,700			
<i>Alligatoring, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Upper And Lower Roofs</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Perimeter Roof Drains At Lower Roofs</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Perimeter Walls - Lower Roofs</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Upper And Lower Roofs</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : First Floor At Perimeter Walls And Stairwell.</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Lower Roofs</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$8,400	
Quarry Tile	10%			2041	**	5	\$1,100	
Vinyl Tile	40%	0-2	\$8,000	2028	\$26,500	3	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout First Floor</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : First Floor Offices</i>								
Interior Walls								
Gypsum Board	5%	0-2	\$300	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : First Floor Offices</i>								
Masonry: Brick	45%	Now	\$43,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Basement - At Window Penetration And Support Beams</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Stairwell</i>								
SGFT/Glazed Masonry	50%	0-2	\$12,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Ceilings								
AcousTileSusp.Lay-In	45%	Now	\$1,400	2041	**	5	\$1,700	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First Floor Offices</i>								
Exposed Concrete	50%	Now	\$12,500	LIFE	**	5	\$600	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Support Beams In Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement - Mechanical Room</i>								
Gypsum Board	5%			LIFE	**	5	\$500	
Site Enclosure								

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2048	**			
Retaining Walls								
Cast in Place Concrete	100%			2048	**			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%	Now	\$3,900	2033	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Entry Stairs - Completely Washed Out</i>								
Pavers/Stone	50%			2031	**			
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2048	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 200 Ampere Main Disconnect Switches</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2048	**	5	\$100	
Raceway								
Conduit	95%			2048	**	1		
Conduit	5%			2058	**	1		
Panelboards								
Fused Disc Sw	5%			2044	**	5		
Molded Case Bkrs	85%			2044	**	5	\$100	
Molded Case Bkrs	10%			2053	**	5		
Wiring								
Thermoplastic	90%			2048	**	1		
Thermoplastic	10%			2058	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	**	1	\$1,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : One Automatic Transfer Switches</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**

**Asset # : 273**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power</b>								
<b>Generators</b>								
Diesel	100%			2037	**	1	\$2,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 85/104 Kw</i>								
<b>Batteries</b>								
Lead/Acid	100%			2022	\$1,500	5	\$200	
<b>Fuel Storage</b>								
Main Tank	100%			2056	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Area - Outside</i>								
<i>Explanation : One 160 Gallons</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	90%			2033	**	10	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2038	**	10	\$500	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : UPS Room - Basement</i>								
<b>Egress Lighting</b>								
Emergency, Service	40%			2033	**	1		
Emergency, Service	10%			2038	**	1		
Emergency, Battery	10%			2033	**	10	\$100	
Exit, Service	40%			2033	**	1		
<b>Exterior Lighting</b>								
HID	100%			2033	**	10		
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	**	1	\$1,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside Of The Building</i>								
<i>Explanation : Six CCTV Surveillance Camera</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2038	**	1-3	\$3,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detector, Strobe Lights Bell And Pullbox</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2038	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
	Conversion Equipment							
	Furnace	100%			2023	\$11,500	1	\$2,500
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 2 Roof Top Package Units</i>					
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%			2044	**	1	
	Conversion Equipment							
	Ext Pkg Unit - Heating/Cooling	65%			2023	\$39,700	2	\$200
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 65%</i>					
			<i>Location : Roof</i>					
	Split Unit	10%			2036	**		
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : R-410a</i>					
	No Component	25%						
	Terminal Devices							
	Fan Coil - 2 Pipe	10%			2036	**	1	\$200
	No Component	90%						
	Heat Rejection							
	Evaporative Condenser	10%			2036	**	2	\$400
	No Component	90%						
<b>Ventilation</b>								
	Distribution							
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,800
	Exhaust Fans							
	Roof	10%			2033	**	2	
	Roof	90%			2023	\$7,300	2	\$100
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%			2048	**	1	
	Water Heater							
	Electric	100%			2027	\$4,300	4	
	Sanitary Piping							
	Cast Iron	100%	Now	\$1,800	LIFE	**	1	
			<i>Corroded, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Basement</i>					
			<i>Leak Evident, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Clogged And Causing Leak From 1st Public Comfort Station To Basement</i>					
			<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Connection To Street Sewer Backs Up</i>					
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Backflow Preventer							
	Generic	100%			2033	**	1	\$300

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>	
Plumbing								
	Fixtures							
	Generic	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3  
**Address** : E. HOUSTON TO CANAL STREET @ HESTER STREET  
**Borough** : MANHATTAN **Agency's Number** : M105-07  
**Program / Asset #** : PAR0056.010 / 272 **Yr Built/Renovated** : 1936 / 2011  
**Area Sq Ft** : 11,231 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 302 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$36,500	
Interior Architecture	\$43,800	
Electrical	\$56,300	
Mechanical		\$239,200
<b>Total</b>	<b>\$136,600</b>	<b>\$239,200</b>
Importance Code A	\$36,500	
Importance Code B	\$56,300	\$239,200
Importance Code C	\$43,800	
<b>Total</b>	<b>\$136,600</b>	<b>\$239,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$37,700			
Interior Architecture	\$51,900	\$6,600	\$700	
Electrical	\$14,300		\$100	\$10,500
Mechanical	\$1,900	\$2,200	\$2,100	\$13,400
Site Enclosure	\$4,300			
<b>Total</b>	<b>\$110,200</b>	<b>\$8,800</b>	<b>\$2,900</b>	<b>\$23,900</b>
Importance Code A	\$38,800	\$1,100	\$1,100	\$1,100
Importance Code B	\$62,100	\$7,700	\$1,800	\$22,800
Importance Code C	\$9,200			
<b>Total</b>	<b>\$110,200</b>	<b>\$8,800</b>	<b>\$2,900</b>	<b>\$23,900</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3**

**Asset # : 272**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$9,400	
Cast Stone/Terra Cotta	1%			LIFE	**	5	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
<i>Explanation : Decorative Elements</i>								
Masonry: Brick	63%	Now	\$36,500	LIFE	**	5	\$11,800	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Corners Of Building</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Below Balconies, North Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Window Headers And Wall Penetrations</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
Masonry: Brick	15%			LIFE	**	5	\$2,800	
Metal Coiling Doors	4%	Now	\$8,700	2033	**	5	\$1,200	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : North Gates</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Gates</i>								
Pre-Cast Concrete	7%	Now	\$8,900	LIFE	**	5	\$4,300	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East And West Facades</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East And West Facades</i>								
Windows								
Aluminum	100%			2044	**	5	\$2,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3**  
**Asset # : 272**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Parapets</b>								
Masonry: Brick	25%	Now	\$14,600	LIFE	**	5	\$1,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East And South Walls</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade, South Facade</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East And South Walls</i>								
Metal Security Bars	15%			2043	**			
Pre-Cast Concrete	5%	Now	\$2,700	LIFE	**	5	\$1,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping - 2nd Floor Deck</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Coping - 2nd Floor Deck</i>								
Not Accessible	55%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Rooftop Above 2nd Floor Offices</i>								
<i>Explanation : Area Inaccessible</i>								
<b>Roof</b>								
Cast in Place Concrete	5%	Now	\$900	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	5%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Wall</i>								
<i>Explanation : Exterior Stairs Atop Basement Area Below</i>								
Plaza Roof: Stone Panels	10%			2048	**			
Not Accessible	80%							
<b>Soffits</b>								
Cast Iron	100%	Now	\$1,900	LIFE	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Balconies</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Connection Points - North Balconies</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	50%	4+	\$8,900	LIFE	**	5	\$18,400	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 1st Floor Offices</i>								
Ceramic Tile	8%			2037	**	5	\$1,300	
Panel/Paver: Cer/Brk	35%			2036	**	5	\$13,200	
Not Accessible	7%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Storage Area South Side</i>								
<i>Explanation : Are Not Accessible</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3**

**Asset # : 272**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	13%	Now	\$9,200	LIFE		**		
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Wall Below Public Bathrooms</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Wall Below Public Bathrooms</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement Boiler Room</i>								
Masonry: Brick	50%	Now	\$43,800	LIFE		**		
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	10%			LIFE		**	5	\$700
SGFT/Glazed Masonry	20%			LIFE		**		
Not Accessible	7%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Storage Area South Side</i>								
<i>Explanation : Area Not Accessible</i>								
Ceilings								
Exposed Concrete	53%	Now	\$29,300	LIFE		**	5	\$1,400
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Under Public Bathrooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Under Public Bathrooms</i>								
Plaster	40%	0-2	\$4,500	LIFE		**	5	\$4,200
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Not Accessible	7%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Storage Area South Side</i>								
<i>Explanation : Area Not Accessible</i>								
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	\$4,300	2038		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South East Corner At Stairs Leading To Park</i>								
Site Pavements								
On-Site Walkways								
Pavers/Stone	100%			2031		**		

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3**

**Asset # : 272**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2048	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room - Basement</i>								
<i>Explanation : One 200 Ampere And 100 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2048	**	5	\$300	
Raceway								
Conduit	50%			2028	\$14,200	1		
Conduit	50%			2048	**	1		
Panelboards								
Fused Disc Sw	5%			2027	\$1,500	5		
Molded Case Bkrs	70%			2027	\$21,400	5	\$200	
Molded Case Bkrs	25%			2044	**	5	\$100	
Wiring								
Braided Cloth	30%	2-4	\$14,300	2053	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	40%			2028	\$19,100	1		
Thermoplastic	30%			2048	**	1		
Motor Controllers								
Locally Mounted	100%			2026	\$30,100	5	\$100	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2023	\$13,100	10	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2033	**	10	\$1,000	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	70%			2033	**	10	\$7,200	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
HID	100%			2023	\$43,300	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2028	\$20,900	5	\$3,500	

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3**  
**Asset # : 272**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Steam Boiler	100%			2045	**	1	\$11,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
<hr/>								
Distribution Central Plant Steam Piping/Pmp	100%			2028	\$181,700	4	\$800	
<hr/>								
Terminal Devices Convactor/Radiator	100%			2026	\$57,500	1	\$3,600	
<hr/>								
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2036	**	1		
<hr/>								
Conversion Equipment Split Unit	35%			2033	**			
<i>Other Observation, Extent : Light, Area Affected : 35%</i>								
<i>Location : Side Wall Of The Building</i>								
<i>Explanation : 6 Units. R-410a</i>								
<hr/>								
No Component	65%							
<hr/>								
Terminal Devices Fan Coil - 2 Pipe No Component	35%			2033	**	1	\$1,300	
<hr/>								
Heat Rejection Evaporative Condenser No Component	35%			2033	**	2	\$2,700	
<hr/>								
<b>Plumbing</b>								
H/C Water Piping Brass/Copper Galvanized Steel	30%			2028	\$24,000	1		
<hr/>								
Water Heater Electric	70%			2026	\$33,000	1		
<hr/>								
Water Heater Electric	100%			2023	\$9,500	4	\$100	
<hr/>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
<hr/>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
<hr/>								
Sump Pump(s) Submersible	100%			2022	\$400	4	\$200	
<hr/>								
Fixtures Generic	100%							
<hr/>								

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SILVER LAKE PARK FIELD OFFICE AND TENNIS HOUSE  
**Address** : 42 REVERE STREET BET. UNIVERSITY PL. & HART BLVD  
**Borough** : STATEN ISLAND **Agency's Number** : R022-04A  
**Program / Asset #** : PAR0085.04A / 601 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 6,682 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 239 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Interior Architecture	\$47,700	
Mechanical	\$119,400	\$40,400
<b>Total</b>	<b>\$167,100</b>	<b>\$40,400</b>
Importance Code B	\$167,100	\$40,400
<b>Total</b>	<b>\$167,100</b>	<b>\$40,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$27,900		\$10,200	
Interior Architecture	\$65,900		\$2,600	\$1,200
Electrical	\$2,900	\$100	\$200	\$200
Mechanical	\$3,200	\$1,000	\$1,500	\$1,200
Site Pavements	\$32,600			
<b>Total</b>	<b>\$132,400</b>	<b>\$1,100</b>	<b>\$14,500</b>	<b>\$2,600</b>
Importance Code A	\$28,500	\$700	\$10,900	\$700
Importance Code B	\$34,400	\$500	\$3,700	\$1,900
Importance Code C	\$69,500			
<b>Total</b>	<b>\$132,400</b>	<b>\$1,100</b>	<b>\$14,500</b>	<b>\$2,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK FIELD OFFICE AND TENNIS HOUSE**  
**Asset # : 601**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	95%			LIFE	**	5	\$19,800	
Wood	5%			2034	**	5	\$2,600	
Windows								
Wood	100%			2037	**	5	\$19,000	
Roof								
Metal Panel	2%			2042	**	10	\$700	
Slate	98%			LIFE	**	10	\$18,000	
Soffits								
Stucco Cement	60%			2034	**	5	\$2,100	
Wood	40%			2034	**	5	\$2,900	
<i>Paint Peeling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
Floors								
Ceramic Tile	10%			2038	**	5	\$1,000	
Quarry Tile	35%			2042	**	5	\$5,300	
Vinyl Tile	55%	Now	\$47,700	2039	**	3	\$2,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	25%	Now	\$1,500	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Plaster	50%			LIFE	**	5-10	\$11,800	
Wood	25%			LIFE	**	5	\$55,500	
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$14,700	2034	**	5	\$1,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Gypsum Board	30%	Now	\$6,100	LIFE	**	5	\$3,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Plaster	35%			LIFE	**	5-10	\$6,000	
Wood	5%			LIFE	**	5	\$8,700	
<b>Site Enclosure</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK FIELD OFFICE AND TENNIS HOUSE**  
**Asset # : 601**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Site Enclosure								
Fence/Gates								
	Chain Link	100%			2049	**		
Retaining Walls								
	Cast in Place Concrete	100%			2049	**		
Site Pavements								
On-Site Walkways								
	Pavers/Stone	100%	Now	\$6,100	2038	**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Walkway</i>								
Parking/Driveway								
	Asphalt	100%	Now	\$26,500	2038	**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Activity Yard								
	Asphalt	50%			2032	**		
	Rubber Matting	50%			2034	**		

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Service Equipment								
	Fused Disc Sw	100%			2029	\$1,500	5	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 400 Ampere And One 100 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
	Fused Disc Sw	100%			2029	\$24,900	5	
Raceway								
	Conduit	100%			2029	\$3,800	1	
Panelboards								
	Fused Disc Sw	5%			2028	\$400	5	
	Molded Case Bkrs	95%			2028	\$7,200	5	\$200
Wiring								
	Thermoplastic	100%			2029	\$8,300	1	
Motor Controllers								
	Locally Mounted	100%			2027	\$7,300	5	
Ground								
Grounding Devices								
	Generic	100%			LIFE	**	5	\$200
Lighting								

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK FIELD OFFICE AND TENNIS HOUSE**  
**Asset # : 601**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	30%			2024	\$4,500	10	\$1,800	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	60%			2034	**	10	\$3,700	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
LED	10%			2024	\$12,000			
<b>Egress Lighting</b>								
Emergency, Battery	50%			2024	\$4,600	10	\$800	
Exit, Service	50%			2024	\$900	1		
<b>Exterior Lighting</b>								
HID	100%			2024	\$25,800	10		
<b>Alarm</b>								
<b>Fire/Smoke Detection</b>								
No Component	70%							
Generic, Digital	30%			2034	**	1-3	\$1,200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2039	**	1		
<b>Conversion Equipment</b>								
Steam Boiler	100%			2034	**	1	\$6,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
<b>Distribution</b>								
Central Plant Steam Piping/Pmp	100%			2039	**	4	\$300	
<b>Terminal Devices</b>								
Air Handler	45%			2029	\$40,400	1	\$1,900	
Convactor/Radiator	45%			2034	**	1	\$1,000	
Fan Coil Unit/Heat	10%			2029	\$9,600	1	\$200	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2037	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK FIELD OFFICE AND TENNIS HOUSE**  
**Asset # : 601**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	50%	Now	\$119,400	2034	**	2	\$200	
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Window/Wall Unit	50%			2024	\$6,700	1		
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	
Exhaust Fans								
Interior	100%			2029	\$22,700	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	**	1		
Water Heater								
Gas Fired	100%			2024	\$3,900	2	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : In Fair Condition</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SILVER LAKE PARK GOLF CLUBHOUSE & VERANDA CAFE  
**Address** : 915 VICTORY BOULEVARD EAST OF SIVER LAKE PARK RD  
**Borough** : STATEN ISLAND                      **Agency's Number** : R022-02  
**Program / Asset #** : PAR0085.002 / 303                      **Yr Built/Renovated** : 1936 / 2008  
**Area Sq Ft** : 11,824                      **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-May-2018                      **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 239                      **Lot** : 1                      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$119,000	
Interior Architecture	\$101,600	
Electrical		\$76,200
Mechanical		\$37,200
<b>Total</b>	<b>\$220,600</b>	<b>\$113,400</b>
Importance Code A	\$119,000	
Importance Code B	\$53,700	\$113,400
Importance Code C	\$47,900	
<b>Total</b>	<b>\$220,600</b>	<b>\$113,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$81,300			
Interior Architecture	\$62,300			\$5,400
Electrical	\$17,000	\$300	\$400	\$500
Mechanical	\$3,800	\$2,700	\$4,000	\$2,700
Site Enclosure	\$26,200			
Site Pavements	\$8,700			
<b>Total</b>	<b>\$199,300</b>	<b>\$3,000</b>	<b>\$4,400</b>	<b>\$8,500</b>
Importance Code A	\$82,600	\$1,300	\$1,300	\$1,300
Importance Code B	\$80,200	\$1,700	\$3,200	\$7,200
Importance Code C	\$36,500			
<b>Total</b>	<b>\$199,300</b>	<b>\$3,000</b>	<b>\$4,400</b>	<b>\$8,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF CLUBHOUSE & VERANDA CAFE**

**Asset # : 303**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	7%	Now	\$18,300	LIFE	**	5	\$8,000	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Masonry: Brick	85%	Now	\$119,000	LIFE	**	5	\$19,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement Wall Behind Veranda</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Wall, Surrounding Stairs</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Wall Behind Veranda</i>								
Metal Coiling Doors	3%	0-2	\$19,800	2046	**	5	\$1,100	
<i>Air Infiltration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Below Veranda</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Below Veranda</i>								
Wood	5%	Now	\$12,200	2034	**	5	\$2,800	
<i>Paint Peeling, Extent : Moderate, Area Affected : 55%</i>								
<i>Location : Roof Dormers And Exterior Doors</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Roof Dormers And Exterior Doors</i>								
Windows								
Wood	100%			2045	**	5	\$35,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vinyl Windows</i>								
Parapets								
Masonry: Brick	10%			LIFE	**	5-10	\$3,000	
Pre-Cast Concrete	5%	Now	\$2,400	LIFE	**	5	\$1,400	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Coping</i>								
No Component	85%							
Roof								
Panel/Paver: Cer/Brk	25%			2055	**	10	\$4,400	
Slate	75%	Now	\$8,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Soffits								
Wood	100%			2042	**	5		
<i>Paint Peeling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF CLUBHOUSE & VERANDA CAFE**

**Asset # : 303**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Interior								
Floors								
	Carpet	15%			2025	\$38,000	3	\$5,800
	Cast in Place Concrete	40%			LIFE	**	5	\$34,000
				<i>Paint Peeling, Extent : Light, Area Affected : 20%</i>				
				<i>Location : Throughout Basement</i>				
	Ceramic Tile	40%			2038	**	5	\$7,800
	Quarry Tile	5%	2-4	\$1,400	2034	**	5	\$700
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Throughout Kitchen</i>				
Interior Walls								
	Cast in Place Concrete	20%	Now	\$47,900	LIFE	**		
				<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>				
				<i>Location : Rear Basement - Bermed Wall</i>				
	Masonry: Brick	15%	Now	\$11,100	LIFE	**		
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Basement</i>				
				<i>Paint Peeling, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Basement</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Basement</i>				
	Plaster	55%			LIFE	**	5-10	\$8,700
				<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Wood	10%			LIFE	**	5	\$14,800
Ceilings								
	Exposed Concrete	14%	Now	\$53,700	LIFE	**	5	\$400
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 60%</i>				
				<i>Location : Basement And Throughout Stairwell</i>				
				<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Basement</i>				
				<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>				
				<i>Location : Basement</i>				
	Exposed Concrete	1%			LIFE	**	5-10	\$200
	Plaster	85%			LIFE	**	5-10	\$28,400
				<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
Site Enclosure								
	Free Standing Walls							
	Masonry: Brick	100%	Now	\$3,700	2039	**		
				<i>Spalling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF CLUBHOUSE & VERANDA CAFE**

**Asset # : 303**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	\$22,500	2039		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Site Pavements								
On-Site Walkways								
Asphalt	30%			2032		**		
Pavers/Stone	70%			2032		**		
Parking/Driveway								
Asphalt	100%	Now	\$8,700	2032		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Potholes, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2039		**	5	\$300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 150 Ampere And Two 100 Ampere Main Disconnect Switches</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2039		**	5	\$300
Raceway								
Conduit	20%			2039		**	1	
Conduit	80%			2029	\$25,600		1	
Panelboards								
Fused Disc Sw	5%			2028	\$800		5	
Fused Toggle Switch	15%	0-2	\$2,300	2054		**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : On Extended Life.</i>								
Molded Case Bkrs	40%			2037		**	5	\$100
Molded Case Bkrs	40%			2028	\$6,100		5	\$100

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF CLUBHOUSE & VERANDA CAFE**

**Asset # : 303**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	\$14,200	2054	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	30%			2029	\$8,500	1		
Thermoplastic	20%			2039	**	1		
Motor Controllers								
Locally Mounted	100%			2027	\$30,800	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	20%			2037	**	10	\$2,400	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement And 1st Floor</i>								
Fluorescent	80%			2037	**	10	\$9,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2034	**	10	\$1,600	
Exit, Service	50%			2034	**	1		
Exterior Lighting								
Fluorescent	100%			2029	\$38,700	10	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Wall</i>								
<i>Explanation : Compact Fluorescent Light Fixtures</i>								
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	\$11,000	1	\$1,300	
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2029	\$37,500	1-3	\$2,300	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source								
Natural Gas	100%			2039	**	1		
Conversion Equipment								
Steam Boiler	100%			2034	**	1	\$12,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room, Basement</i>								
<i>Explanation : 1 Unit</i>								

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF CLUBHOUSE & VERANDA CAFE**

**Asset # : 303**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Distribution								
	Central Plant Steam Piping/Pmp	100%			2039	**	4	\$600
Terminal Devices								
	Convactor/Radiator	80%			2034	**	1	\$3,400
	Fan Coil Unit/Heat	20%			2029	\$37,200	1	\$800
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2037	**	1	
Conversion Equipment								
	Split Unit	80%			2034	**		
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 80%</i>					
			<i>Location : 5 Units, Various Locations</i>					
	No Component	20%						
Terminal Devices								
	Fan Coil - 2 Pipe	80%			2034	**	1	\$3,400
	No Component	20%						
Heat Rejection								
	Dry Cooler	80%			2034	**	2	\$7,200
	No Component	20%						
<b>Ventilation</b>								
Exhaust Fans								
	Interior	10%			2034	**	2	
	No Component	90%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	70%			2049	**	1	
	Galvanized Steel	30%			2027	\$16,400	1	
Water Heater								
	Gas Fired	100%			2027	\$7,600	2	\$200
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Sewage Ejector(s)								
	Electric	100%			2034	**	4	\$500
Fixtures								
	Generic	100%						
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : In Fair Condition</i>					
<b>Fire Suppression</b>								
Chemical System								
	Generic	100%			2027	\$26,700	1-3	\$3,700

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SILVER LAKE PARK GOLF COURSE GARAGE  
**Address** : 915 VICTORY BOULEVARD SOUTH WEST OF CLUB HOUSE  
**Borough** : STATEN ISLAND **Agency's Number** : R022-14  
**Program / Asset #** : PAR0085.014 / 2681 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 2,135 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1,Att  
**Block** : 239 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$58,600	
<b>Total</b>	<b>\$58,600</b>	
Importance Code A	\$58,600	
<b>Total</b>	<b>\$58,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$34,500		\$2,600	
Interior Architecture	\$13,500		\$300	
Site Pavements	\$900			
<b>Total</b>	<b>\$48,900</b>		<b>\$2,900</b>	
Importance Code A	\$34,500		\$2,600	
Importance Code B	\$10,700		\$300	
Importance Code C	\$3,700			
<b>Total</b>	<b>\$48,900</b>		<b>\$2,900</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF COURSE GARAGE**

**Asset # : 2681**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$800	
Metal Panel	10%	Now	\$1,500	2039	**	5	\$1,200	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Side</i>								
Metal Coiling Doors	25%			2042	**	5	\$5,200	
Wood	55%	Now	\$58,600	2034	**	5	\$9,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<b>Windows</b>								
Wood	100%	Now	\$4,000	2054	**	5	\$700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Slate	100%	Now	\$24,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Soffits</b>								
Wood	100%	Now	\$4,200	2034	**	5	\$1,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$12,600	
Wood	10%			2032	**	5	\$600	
Interior Walls								
Plaster	100%			LIFE	**	5-10	\$4,400	
<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Struc: Wood	50%			LIFE	**	10	\$2,500	
Plaster	50%			LIFE	**	5-10	\$2,900	
<i>Paint Peeling, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

**Site Pavements**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GOLF COURSE GARAGE**

**Asset # : 2681**

<b>Architecture</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Pavements								
On-Site Walkways								
Asphalt	86%	Now	\$900	2032				* *
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Ponding, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
Asphalt	14%			2044				* *

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SILVER LAKE PARK GREENHOUSE BLDG.  
**Address** : VICTORY BLVD AND NORTH END OF VICTORY BLVD./SIL. LAKE PK. RD  
**Borough** : STATEN ISLAND **Agency's Number** : R022-10  
**Program / Asset #** : PAR0085.010 / 304 **Yr Built/Renovated** : 1936 / 2000  
**Area Sq Ft** : 7,572 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1,Att  
**Block** : 239 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,615,100	\$267,000
Interior Architecture	\$67,900	
Mechanical		\$54,000
<b>Total</b>	<b>\$1,683,000</b>	<b>\$321,000</b>
Importance Code A	\$1,615,100	\$267,000
Importance Code B		\$54,000
Importance Code C	\$67,900	
<b>Total</b>	<b>\$1,683,000</b>	<b>\$321,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$36,900			
Interior Architecture	\$36,200			\$200
Electrical	\$100			\$100
Mechanical	\$2,900	\$700	\$2,200	\$600
Site Enclosure	\$5,100			
Site Pavements	\$8,000			
<b>Total</b>	<b>\$89,300</b>	<b>\$700</b>	<b>\$2,200</b>	<b>\$900</b>
Importance Code A	\$37,200	\$400	\$400	\$400
Importance Code B	\$43,700	\$300	\$1,800	\$600
Importance Code C	\$8,400			
<b>Total</b>	<b>\$89,300</b>	<b>\$700</b>	<b>\$2,200</b>	<b>\$900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	40%	Now	\$117,200	LIFE	**	5	\$25,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Corners Of Greenhouse</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : All Corners Of Greenhouse</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	10%	Now	\$7,800	LIFE	**	5	\$1,300	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Window Wall	50%	Now	\$62,500	2039	**	5	\$11,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Wood	20%	Now	\$300	2045	**	5	\$1,100	
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office And Attic</i>								
Wood	80%	Now	\$25,200	2054	**	5	\$4,400	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Greenhouse</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Greenhouse</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Greenhouse</i>								
Roof								
Slate	15%			LIFE	**	10	\$3,500	
Sloped Glazing	85%	Now	\$1,435,400	LIFE	**	5	\$267,000	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Wood Framing</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Wood Framing</i>								
<i>Explanation : Split And Cracked Wood</i>								

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	85%	Now	\$10,800	LIFE	**	5	\$22,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Vinyl Tile	15%	Now	\$15,500	2039	**	3	\$700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Main House</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Main House</i>								
Interior Walls								
Cast in Place Concrete	85%	Now	\$67,900	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Greenhouse Perimeter</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Basement</i>								
Plaster	15%			LIFE	**	5-10	\$500	
Ceilings								
Exposed Concrete	10%	Now	\$8,300	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Plaster	10%			LIFE	**	5-10	\$2,200	
No Component	80%							
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	**			
Retaining Walls								
Masonry: Fieldstone	10%	2-4	\$100	2039	**			
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Side Of Greenhouse</i>								
Masonry: Fieldstone	86%	Now	\$5,000	2059	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Side Of Building</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Side Of Building</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Polyvinyl Greenhouse</i>								
<i>Explanation : Wood Retaining Wall</i>								
Masonry: Fieldstone	4%			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.

**DEPT. OF PARKS & RECREATION - 846  
SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	50%			2032		**		
Cast in Place Concrete	25%	Now	\$1,500	2034		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pavers/Stone	25%	Now	\$1,500	2032		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Parking/Driveway</b>								
Asphalt	90%	Now	\$5,000	2032		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Asphalt	10%			2044		**		

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2029	\$1,500	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : One 60 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2029	\$3,800	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2028	\$400	5		
Molded Case Bkrs	95%			2028	\$7,200	5	\$200	
<b>Wiring</b>								
Thermoplastic	100%			2029	\$8,300	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2027	\$7,300	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$200	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Incandescent	20%			2024	\$8,100	2		
LED	80%			2037	**			
<b>Exterior Lighting</b>								
HID	100%			2024	\$29,200	10		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2039	**	1		
Conversion Equipment								
Furnace	15%			2029	\$2,600	1	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Ground Floor</i>						
		<i>Explanation : 1 Unit</i>						
Hot Water Boiler	85%			2034	**	1	\$3,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Greenhouse</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$2,300	2037	**	4	\$400	
		<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Pump In The Basement</i>						
Terminal Devices								
Convactor/Radiator	100%			2034	**	1	\$2,500	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2037	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2022	\$1,500	1		
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Office</i>						
		<i>Explanation : 1 Unit</i>						
No Component	90%							
<b>Ventilation</b>								
Exhaust Fans								
Wall Unit	100%			2024	\$2,600	2	\$200	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2029	\$54,000	1		
Water Heater								
Electric	100%			2024	\$6,400	4	\$100	
HW Heat Exchanger								
HTHW/HW	100%			2039	**			
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2029	\$1,100	4	\$200	
Fixtures								
Generic	100%							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT  
**Address** : 200 HUGUENOT AVENUE @ RAILY CT.  
**Borough** : STATEN ISLAND **Agency's Number** : R104-02  
**Program / Asset #** : PAR0091.002 / 595 **Yr Built/Renovated** : 1920 / 2013  
**Area Sq Ft** : 26,388 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 6110 **Lot** : 32 **BIN** : 5079727

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$39,500	
Electrical		\$147,600
Mechanical		\$430,500
Site Pavements	\$116,300	
<b>Total</b>	<b>\$155,800</b>	<b>\$578,000</b>
Importance Code A	\$39,500	\$98,200
Importance Code B		\$479,900
Importance Code C	\$116,300	
<b>Total</b>	<b>\$155,800</b>	<b>\$578,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$67,600			
Interior Architecture	\$62,300		\$6,200	\$3,700
Electrical	\$5,800	\$400	\$700	\$600
Mechanical	\$10,900	\$3,300	\$4,100	\$3,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$150,600</b>	<b>\$7,700</b>	<b>\$15,000</b>	<b>\$11,800</b>
Importance Code A	\$68,800	\$1,400	\$1,200	\$1,400
Importance Code B	\$65,700	\$6,200	\$13,800	\$10,000
Importance Code C	\$16,100			\$400
<b>Total</b>	<b>\$150,600</b>	<b>\$7,700</b>	<b>\$15,000</b>	<b>\$11,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**

**Asset # : 595**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	35%	0-2	\$8,700	2049	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : 2nd Floor</i>								
Concrete Masonry Unit	15%	Now	\$11,600	LIFE	**	5	\$3,500	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Delivery Area</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Side</i>								
Masonry: Brick	45%	Now	\$25,600	LIFE	**	5	\$16,600	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Side</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Side</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Wood	5%	Now	\$39,500	2034	**	5	\$4,600	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Delivery Area</i>								
Windows								
Aluminum	100%			2045	**	5	\$4,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vinyl Windows</i>								
Parapets								
Metal Rail	15%			2042	**	5-10		
Wood Cornice	35%			2049	**	5-10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vinyl Siding</i>								
No Component	50%							
Roof								
Asphalt Shingle	20%			2044	**	10	\$1,800	
Roll Roofing	30%			2030	**	5	\$26,700	
Single Ply Membrane	35%	Now	\$6,000	2034	**			
<i>Water Penetration, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Dormers</i>								
<i>Explanation : Poorly Installed</i>								
Traffic Topping	15%			2034	**	10	\$13,300	
Soffits								
Alum/Vinyl Siding	45%			2049	**	10		
Exposed Struc: Steel	15%			LIFE	**	5		
Glass: Special Gauge	15%			LIFE	**	1		
Wood	25%			2042	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**

**Asset # : 595**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	10%	0-2	\$2,900	2028	\$57,800	3	\$6,700	
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Proshop</i>					
			<i>Wrinkling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Proshop</i>					
Cast in Place Concrete	10%	Now	\$4,700	LIFE	**	5	\$9,700	
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Water Penetration, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
Ceramic Tile	5%			2038	**	5	\$2,200	
Granite Panels	60%			LIFE	**	5	\$39,900	
Wood	15%			2057	**	5	\$12,500	
Interior Walls								
Cast in Place Concrete	15%	Now	\$7,300	LIFE	**			
			<i>Water Penetration, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
Ceramic Tile	5%			2038	**	5	\$800	
Gypsum Board	30%			LIFE	**	5-10	\$7,600	
Masonry: Brick	5%			LIFE	**	10	\$200	
Plaster	45%			LIFE	**	5-10	\$5,700	
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$4,600	2042	**	5	\$5,500	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Basement</i>					
			<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Basement</i>					
Exposed Concrete	10%	0-2	\$7,300	LIFE	**	5	\$700	
			<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : West Wall Basement</i>					
Gypsum Board	35%	Now	\$3,200	LIFE	**	5	\$19,400	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Kitchen</i>					
Plaster	30%	Now	\$3,600	LIFE	**	5	\$8,300	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Stair, Corridor, Proshop</i>					
Site Enclosure								
Fence/Gates								
Chain Link	10%			2039	**			
Iron Picket	45%			2064	**			
Wood	45%			2030	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Vinyl Picket</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**  
**Asset # : 595**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Enclosure</b>								
Free Standing Walls								
Concrete Masonry Unit	100%			2049	**			
Retaining Walls								
Concrete Masonry Unit	100%			2049	**			
<b>Site Pavements</b>								
On-Site Walkways								
Asphalt	25%			2038	**			
Pavers/Stone	75%			2038	**			
Parking/Driveway								
Asphalt	100%	4+	\$116,300	2038	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Activity Yard								
Pavers/Stone	100%			2038	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2029	\$2,600	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	\$33,000	5	\$700	
Raceway								
Conduit	80%			2029	\$25,600	1		
Conduit	20%			2049	**	1		
Panelboards								
Fused Disc Sw	5%			2028	\$1,100	5		
Molded Case Bkrs	30%			2028	\$6,900	5	\$200	
Molded Case Bkrs	65%			2045	**	5	\$500	
Wiring								
Braided Cloth	10%	0-2	\$2,800	2054	**	1		
<i>On Extended Life, Extent : Light, Area Affected : 90%</i>								
<i>Location : Basement</i>								
Thermoplastic	70%			2049	**	1		
Thermoplastic	20%			2029	\$5,700	1		
Motor Controllers								
Locally Mounted	70%			2027	\$32,400	5	\$100	
Locally Mounted	30%			2042	**	5	\$100	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$800	
<b>Lighting</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**

**Asset # : 595**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	30%			2034	**	10	\$7,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	5%			2024	\$13,500	10	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2034	**	10	\$2,400	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	50%			2034	**	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Pendant Mounted Decorative Fixtures Throughout Restaurant Areas</i>								
Incandescent	5%			2034	**	2		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st And 2nd Floor Lobbies</i>								
<i>Explanation : Chandelier Fixtures</i>								
<b>Egress Lighting</b>								
Emergency, Battery	40%			2034	**	10	\$2,500	
Emergency, Battery	10%			2024	\$3,600	10	\$600	
Exit, Service	40%			2034	**	1		
Exit, Service	10%			2024	\$400	1		
<b>Exterior Lighting</b>								
HID	100%			2029	\$101,700	10	\$100	
<b>Alarm</b>								
<b>Fire/Smoke Detection</b>								
No Component	70%							
Generic, Digital	30%			2034	**	1-3	\$4,900	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			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.*

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**

**Asset # : 595**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment								
	Furnace	90%		2029	\$53,500	1	\$11,700	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Roof</i>								
<i>Explanation : 8 Units</i>								
	Radiant Heater	10%		2029	\$44,700	2	\$1,200	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit</i>								
Terminal Devices								
	Fan Coil Unit/Heat	10%		2029	\$37,800	1	\$900	
	No Component	90%						
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%		2037	**	1		
Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	80%		2029	\$252,600	2	\$1,300	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 80%</i>								
<i>Location : Roof</i>								
	No Component	20%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%		LIFE	**	2-5	\$23,300	
Exhaust Fans								
	Roof	100%		2029	\$41,900	2	\$800	
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%		2039	**	1		
Water Heater								
	Gas Fired	100%		2027	\$15,400	2	\$400	
Sanitary Piping								
	Cast Iron	100%		LIFE	**	1		
Fixtures								
	Generic	100%						
<b>Vertical Transport</b>								
Elevators								
	Hydraulic	100%		LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor To The Second Floor</i>								
<i>Explanation : 1 Unit</i>								
<b>Fire Suppression</b>								
Sprinkler								
	Generic	100%		2049	**	1-2	\$7,400	
Chemical System								
	Generic	100%		2024	\$26,700	1-3	\$4,000	

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST JAMES PARK COMFORT AND RECREATION BLDG.  
**Address** : 2530 JEROME AV. E.191 TO 193 STS E. 192ND ST. AND JEROME AVE.  
**Borough** : BRONX **Agency's Number** : X044-02A  
**Program / Asset #** : PAR0074.02A / 231 **Yr Built/Renovated** : 1935 / 2009  
**Area Sq Ft** : 4,759 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3190 **Lot** : 1 **BIN** : 2014129

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$81,800	\$36,900
<b>Total</b>	<b>\$81,800</b>	<b>\$36,900</b>
Importance Code A	\$81,800	\$36,900
<b>Total</b>	<b>\$81,800</b>	<b>\$36,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$11,900	\$8,200		
Interior Architecture	\$42,300	\$1,400	\$500	
Electrical	\$300	\$400	\$300	\$5,700
Mechanical	\$1,700	\$600	\$800	\$3,400
Site Enclosure	\$1,400			
Site Pavements	\$2,900			
<b>Total</b>	<b>\$60,500</b>	<b>\$10,600</b>	<b>\$1,600</b>	<b>\$9,100</b>
Importance Code A	\$12,400	\$8,700	\$500	\$500
Importance Code B	\$45,300	\$1,900	\$1,200	\$8,600
Importance Code C	\$2,900			
<b>Total</b>	<b>\$60,500</b>	<b>\$10,600</b>	<b>\$1,600</b>	<b>\$9,100</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK COMFORT AND RECREATION BLDG.**

**Asset # : 231**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$13,200	
Masonry: Brick	70%			LIFE	**	5	\$36,900	
Masonry: Limestone	15%	4+	\$44,100	LIFE	**	5	\$5,900	
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Base Of Columns</i>								
Metal Sect. OHD	10%			2041	**	5	\$16,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Rotunda (Park Side) And Above All Doors</i>								
<i>Explanation : Roll Down Security Gates</i>								
Windows								
Steel	100%			2044	**	5	\$28,000	
Parapets								
No Component	50%							
Not Accessible	50%							
Roof								
Metal Panel	50%			2041	**	10	\$37,600	
Not Accessible	50%							
Soffits								
Masonry: Limestone	100%	Now	\$11,900	LIFE	**	5	\$400	
<i>Spalling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : At Wall Openings At Rotunda (Park Side)</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Rotunda</i>								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$9,600	
Ceramic Tile	5%			2037	**	5	\$1,100	
Terrazzo	25%	4+	\$13,000	LIFE	**	5	\$4,300	
<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>								
<i>Location : Public Restrooms</i>								
Vinyl Tile	50%			2033	**	3	\$4,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Door Thresholds Throughout</i>								
Interior Walls								
Masonry: Brick	15%			LIFE	**			
Plaster	65%			LIFE	**	5	\$3,600	
SGFT/Glazed Masonry	20%			LIFE	**			
Ceilings								
Plaster	100%	Now	\$29,300	LIFE	**	5	\$13,700	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Crown Above Window Openings In Rotunda</i>								
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2048	**			

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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.

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK COMFORT AND RECREATION BLDG.**

**Asset # : 231**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Enclosure</b>								
Retaining Walls								
Cast in Place Concrete	100%	Now	\$1,400	2048	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Curbs At Perimeter Planters</i>								
<b>Site Pavements</b>								
On-Site Walkways								
Cast in Place Concrete	40%	Now	\$2,900	2033	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Steps Leading To Rotunda</i>								
Pavers/Stone	60%			2037	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2048	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement - Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 200 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2048	**	5	\$100	
Raceway								
Conduit	100%			2048	**	1		
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$100	
Wiring								
Thermoplastic	100%			2048	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Connected To Metal Water Pipe.</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	75%			2033	**	10	\$3,300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement, Offices</i>								
Fluorescent	25%			2033	**	10	\$1,100	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cafeteria</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK COMFORT AND RECREATION BLDG.**

**Asset # : 231**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Lighting**

Egress Lighting								
Emergency, Battery	50%			2033	**	10	\$600	
Exit, Service	50%			2033	**	1		

Exterior Lighting								
Fluorescent	100%			2033	**	10	\$400	

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Outside*

*Explanation : 11 Compact Fluorescent Light Fixtures Controlled By Timer Switch*

**Alarm**

Fire/Smoke Detection								
Generic, Digital	100%			2033	**	1-3	\$2,900	

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Smoke Detector And Horns*

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Energy Source								
Natural Gas	100%			2038	**	1		

Conversion Equipment								
Steam Boiler	100%			2026	\$29,400	1	\$4,700	

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement Boiler Room*

*Explanation : 1 Unit*

Distribution								
Steam Piping/Pump	100%	0-2	\$1,000	2038	**			

*Corroded, Extent : Moderate, Area Affected : 10%*

*Location : Refeed Tank, Basement*

Terminal Devices								
Convactor/Radiator	100%			2033	**	1	\$1,500	

**Ventilation**

Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$1,300	
No Component	50%							

Exhaust Fans								
Roof	50%			2028	\$3,800	2	\$100	
No Component	50%							

**Plumbing**

H/C Water Piping								
Brass/Copper	100%			2038	**	1		

Water Heater								
Gas Fired	100%			2023	\$2,800	2	\$100	

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.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK COMFORT AND RECREATION BLDG.**

**Asset # : 231**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sewage Ejector(s)							
	Electric	100%			2028	\$1,300	4	\$300
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST JAMES PARK ST. JAMES GOLDEN AGE CENTER  
**Address** : 2530 JEROME AV. E.191 TO 193 STS E. 191ST ST. AND JEROME AVE.  
**Borough** : BRONX **Agency's Number** : X044-03  
**Program / Asset #** : PAR0074.003 / 230 **Yr Built/Renovated** : 1974 /  
**Area Sq Ft** : 15,018 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3190 **Lot** : 1 **BIN** : 2014129

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$678,700	\$962,000
Interior Architecture	\$135,500	\$259,200
Electrical		\$221,700
Mechanical		\$312,500
<b>Total</b>	<b>\$814,200</b>	<b>\$1,755,400</b>
Importance Code A	\$678,700	\$1,072,600
Importance Code B	\$79,300	\$682,800
Importance Code C	\$56,200	
<b>Total</b>	<b>\$814,200</b>	<b>\$1,755,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$55,600			
Interior Architecture	\$69,100			\$2,600
Electrical	\$17,100	\$600	\$600	\$800
Mechanical	\$32,700	\$3,600	\$7,200	\$3,000
<b>Total</b>	<b>\$174,400</b>	<b>\$4,200</b>	<b>\$7,800</b>	<b>\$6,300</b>
Importance Code A	\$61,300	\$700	\$700	\$700
Importance Code B	\$81,600	\$3,400	\$7,100	\$5,600
Importance Code C	\$31,500			
<b>Total</b>	<b>\$174,400</b>	<b>\$4,200</b>	<b>\$7,800</b>	<b>\$6,300</b>



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 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	8%	Now	\$39,800	LIFE	**	5	\$17,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Smoke Stack. Throughout</i>								
<i>Expansion Jnt Failure, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	10%			LIFE	**	5	\$43,200	
Masonry: Brick	75%	Now	\$199,600	LIFE	**	5	\$32,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal/Glass Curt Wall	5%	Now	\$70,000	LIFE	**	5	\$4,100	
<i>Air Infiltration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	2%	Now	\$10,000	2034	**	5	\$1,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Cast in Place Concrete	40%	Now	\$19,500	LIFE	**	5	\$10,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%	0-2	\$2,000	2039	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal: Cage/Fence	50%	0-2	\$2,500	2034	**	5	\$4,000	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Modified Bitumen	100%	Now	\$369,200	2029	\$923,100			
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%	Now	\$2,800	LIFE	**	5	\$5,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sheet Vinyl/Rubber	10%	0-2	\$16,000	2029	\$80,100	5	\$2,000	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	78%	0-2	\$35,800	2029	\$179,100	3	\$7,700	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Wood	2%	0-2	\$3,600	2057	**	5	\$500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	5%	Now	\$18,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Smoke Stack And Stair Well</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%	0-2	\$8,200	2038	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	85%	0-2	\$56,200	LIFE	**	5	\$19,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	5%	0-2	\$4,500	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTile,Adhered	15%	Now	\$7,500	2034	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
AcousTileSusp.Lay-In	35%	Now	\$7,600	2034	**	5	\$4,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	50%	Now	\$43,400	LIFE	**	5	\$2,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment Fused Disc Sw	100%	2-4	\$4,900	2059	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 800 Amperes on Extended Life</i>								
Switchgear / Switchboard Fused Disc Sw	100%			2029	\$82,800	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2-Sections Main Distribution Panel</i>								
Raceway Conduit	100%			2029	\$22,600	1		
Panelboards Molded Case Bkrs	100%			2028	\$30,500	5	\$400	
Wiring Thermoplastic	100%			2029	\$24,800	1		
Motor Controllers Locally Mounted	100%			2027	\$46,300	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Approximately 13 Magnetic Starters</i>								
Ground								
Grounding Devices Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Grounding Is Not Connected To The Metal Water Pipe.</i>								
Lighting								
Interior Lighting Fluorescent	98%			2034	**	10	\$13,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	1%			2034	**	10	\$100	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Staircase</i>								
Incandescent	1%			2024	\$1,700	2		
Egress Lighting Emergency, Battery	50%			2034	**	10	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Approximately 11 Combo Type Emergency / Exit Lights</i>								
Exit, Service	50%			2034	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Approximately 11 Combo Type Emergency / Exit Lights</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Exterior Lighting HID	80%			2029	\$46,300	10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Approximately 9 HID Light Fixtures</i>								
HID	10%	0-2	\$5,800	2039		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 1 HID Fixture - Inadequate Lighting Level Needs Cleaning</i>								
HID	10%	Now	\$5,800	2039		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : 1 HID Fixture - Not Functional</i>								
<b>Alarm</b>								
Security System Generic	100%			2029	\$46,400	1	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways And Outside</i>								
<i>Explanation : The Building Have Intrusion Alarm System And CCTV Surveillance Camera. Approximately The Building Has Six Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2039		**	1	
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2027	\$110,700	1	\$7,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Natural Gas Fired Hot Water Boiler</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%	Now	\$400	2037		**	4	\$700
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement, Blown Bearings And Pump Seals</i>								
<b>Terminal Devices</b>								
Air Handler	100%			2029	\$201,900	1	\$9,300	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2037		**	1	
<b>Conversion Equipment</b>								
Window/Wall Unit	5%			2027	\$1,500	1		
No Component	95%							

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**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Terminal Devices</b>								
	Air Handler/Cool/Ht	100%	Now	\$800	2029	\$8,100	1	\$8,400
<i>Leak Evident, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement, Deteriorated Package Unit Condenser</i>								
<hr/>								
	Heat Rejection							
	Water Cooling Tower	100%	Now	\$2,700	2034	**	2	\$12,100
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Roof, Deteriorated Cooling Tower</i>								
<hr/>								
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,300
<hr/>								
<b>Exhaust Fans</b>								
	Interior	20%	Now	\$6,100	2029	\$10,200	2	\$100
<i>Malfunctioning, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
	Roof	80%	Now	\$11,400	2029	\$19,100	2	\$300
<i>Malfunctioning, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Roof</i>								
<hr/>								
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Galvanized Steel	100%	Now	\$1,300	2034	**	1	
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Next To Hot Water Heat Exchanger</i>								
<hr/>								
	HW Heat Exchanger							
	HTHW/HW	100%			2039	**		
<hr/>								
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<hr/>								
<b>Storm Drain Piping</b>								
	Cast Iron	100%	Now	\$3,000	LIFE	**	1	
<i>Blockage /Clogged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
	Sewage Ejector(s)							
	Electric	100%			2029	\$4,100	4	\$900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units</i>								
<hr/>								
<b>Fixtures</b>								
	Generic	100%						
<hr/>								
<b>Fire Suppression</b>								
<b>Sprinkler</b>								
	No Component	80%						
	Generic	20%			2049	**	1-2	\$800
<hr/>								
<b>Chemical System</b>								
	Generic	100%			2027	\$26,700	1-3	\$3,700

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. JOHNS RECREATION CENTER  
**Address** : TROY-BERGEN-PROSPECT PLACE  
**Borough** : BROOKLYN      **Agency's Number** : B245-01  
**Program / Asset #** : PAR0113.001 / 958      **Yr Built/Renovated** : 1954 / 2006  
**Area Sq Ft** : 40,705      **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Jun-2015      **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 1353      **Lot** : 1      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$317,800	\$397,500
Interior Architecture		\$185,000
Electrical	\$37,000	\$172,100
Mechanical	\$65,900	\$685,900
<b>Total</b>	<b>\$420,600</b>	<b>\$1,440,500</b>
Importance Code A	\$317,800	\$397,500
Importance Code B	\$102,800	\$1,043,000
<b>Total</b>	<b>\$420,600</b>	<b>\$1,440,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$56,800	\$300	\$1,400	
Interior Architecture	\$17,400	\$6,900		\$2,700
Electrical	\$1,700	\$6,600	\$1,900	\$1,700
Mechanical	\$16,900	\$29,000	\$12,900	\$11,700
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$100,600</b>	<b>\$50,600</b>	<b>\$24,000</b>	<b>\$24,000</b>
Importance Code A	\$60,800	\$4,400	\$5,400	\$4,000
Importance Code B	\$27,500	\$46,200	\$18,600	\$19,900
Importance Code C	\$12,300			
<b>Total</b>	<b>\$100,600</b>	<b>\$50,600</b>	<b>\$24,000</b>	<b>\$24,000</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**ST. JOHNS RECREATION CENTER**  
**Asset # : 958**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick Cavity	95%	Now	\$279,000	LIFE	**	5	\$72,900	
			<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Gymnasium Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Gymnasium Wall</i>					
			<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location :</i>					
Pre-Cast Concrete	3%			LIFE	**	5	\$7,500	
Slate Panels	2%			LIFE	**	5	\$1,200	
Windows								
Aluminum	25%			2042	**	5	\$2,700	
Aluminum	70%			2025	\$324,600	5	\$7,600	
Steel	5%	Now	\$28,900	2051	**	5	\$3,400	
			<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Stairs</i>					
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Stairs</i>					
			<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Stairs</i>					
Parapets								
Masonry: Brick Cavity	75%	Now	\$20,900	LIFE	**	5	\$2,200	
			<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Upper Parapet</i>					
Metal Panel	5%			2046	**	5	\$600	
Metal Rail	20%	Now	\$3,200	2031	**	5	\$4,200	
			<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Roof								
Built-Up (BUR)	95%			2031	**	10	\$38,800	
Metal Panel	5%			2024	\$23,500	10	\$3,700	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$6,700	
Ceramic Tile	8%			2035	**	5	\$4,900	
Mosaic Tile	2%			2039	**	5	\$3,000	
Quarry Tile	10%			2039	**	5	\$9,100	
Sheet Vinyl/Rubber	15%			2031	**	5	\$13,700	
Terrazzo	5%			LIFE	**	5	\$2,400	
Vinyl Tile	35%			2026	\$185,000	3	\$10,700	
Wood	20%			2054	**	5	\$22,800	

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**DEPT. OF PARKS & RECREATION - 846**  
**ST. JOHNS RECREATION CENTER**  
**Asset # : 958**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

## Interior

## Interior Walls

	Ceramic Tile	10%			2035	**	5	\$13,500
	Plaster	35%			LIFE	**	5	\$14,200
	Plaster	5%	Now	\$5,500	LIFE	**	5	\$2,000

*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%*

*Location : Basement Stair*

*Paint Peeling, Extent : Moderate, Area Affected : 25%*

*Location : Basement Stair*

*Water Penetration, Extent : Moderate, Area Affected : 10%*

*Location : Basement Stair*

	SGFT/Glazed Masonry	50%			LIFE	**		
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## Ceilings

	Exposed Concrete	15%			LIFE	**	5	\$1,400
	Exposed Struc: Steel	25%			LIFE	**		
	Metal Panel	25%			LIFE	**	5	\$18,100
	Plaster	35%			LIFE	**	5	\$12,600

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

## Under 600 Volts

## Service Equipment

	Fused Disc Sw	100%			2046	**	5	\$200
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Switch Rated At 1600 Amperes*

## Switchgear / Switchboard

	Fused Disc Sw	100%			2046	**	5	\$200
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## Raceway

	Conduit	100%			2046	**	1	
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## Panelboards

	Molded Case Bkrs	100%			2042	**	5	\$1,100
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## Wiring

	Thermoplastic	100%			2046	**	1	
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## Motor Controllers

	Locally Mounted	50%			2039	**	5	\$100
	Locally Mounted	50%			2031	**	5	\$100

## Ground

## Grounding Devices

	Not Accessible	100%						
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## Lighting

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**DEPT. OF PARKS & RECREATION - 846**  
**ST. JOHNS RECREATION CENTER**  
**Asset # : 958**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	99%			2031	**	10	\$37,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	1%			2031	**	10		
<b>Egress Lighting</b>								
Emergency, Battery	50%			2031	**	10	\$4,900	
Exit, Service	50%			2031	**	1		
<b>Exterior Lighting</b>								
HID	30%			2031	**	10		
No Component	70%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2031	**	1	\$4,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : CCTV Surveillance Camera System</i>								
<b>Fire/Smoke Detection</b>								
No Component	60%							
Generic, Digital	40%			2026	\$172,100	1-3	\$10,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Hallways, Basement</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Interruptible Gas/Dual Fuel	100%			2036	**	1		
<b>Conversion Equipment</b>								
Steam Boiler	100%			2031	**	1	\$40,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ST. JOHNS RECREATION CENTER**  
**Asset # : 958**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Distribution</b>								
Central Plant Steam Piping/Pmp	100%	Now	\$65,900	2036	**	4	\$2,000	
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Pipes In Basement</i>								
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various Locations In Basement</i>								
<i>Steam Traps Faulty, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<b>Terminal Devices</b>								
Air Handler	50%			2026	\$273,600	1	\$12,600	
Convactor/Radiator	50%			2024	\$104,200	1	\$6,600	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2034	**	1		
<b>Conversion Equipment</b>								
Ext Pkg Unit - Heating/Cooling	50%			2026	\$243,600	2	\$1,200	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 50%</i>								
<i>Location : Roof</i>								
Window/Wall Unit	20%			2021	\$16,200	1		
No Component	30%							
<b>Heat Rejection</b>								
Air Cooled Condenser Unit	30%			2026	\$16,500	2	\$8,500	
No Component	70%							
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$22,700	
<b>Exhaust Fans</b>								
Roof	100%			2026	\$64,600	2	\$1,200	
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	70%			2036	**	1		
Galvanized Steel	30%			2031	**	1		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : Pvc Pipes</i>								
<b>HW Heat Exchanger</b>								
Steam Fired	100%	Now	\$6,200	2036	**	4	\$4,000	
<i>Not in Service, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 1 Out Of 2 Unit, Filter Room</i>								
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. JOHNS RECREATION CENTER**  
**Asset # : 958**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
Sump Pump(s) Non-Submersible	100%	Now	\$1,800	2026	\$5,900	4	\$900	
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Out Of 2 Pump Is Removed</i>								
Pool Filter/Treatment Sand	100%			2031	**	4	\$10,100	
Sewage Ejector(s) Electric	100%			2026	\$11,200	4	\$1,600	
Fixtures Generic	100%							
<b>Vertical Transport</b>								
Elevators Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : (1) 1st To 3rd Floor, (1) Basement To 1st Floor (Out Of Service)</i>								
<i>Explanation : 2 Units</i>								
<b>Fire Suppression</b>								
Standpipe Generic	100%			2036	**	1-5	\$20,500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. MARY'S PARK RECREATION CTR.  
**Address** : 450 ST. ANNS AVE @ E.145 STREET  
**Borough** : BRONX **Agency's Number** : X045-04  
**Program / Asset #** : PAR0075.004 / 1115 **Yr Built/Renovated** : 1951 /  
**Area Sq Ft** : 55,636 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Jan-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 2557 **Lot** : 1 **BIN** : 2821517

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,065,100	\$146,700
Interior Architecture	\$89,800	\$199,300
Electrical	\$51,500	\$819,400
Mechanical	\$253,800	\$488,300
<b>Total</b>	<b>\$1,460,200</b>	<b>\$1,653,700</b>
Importance Code A	\$1,237,200	\$146,700
Importance Code B	\$172,900	\$1,507,000
Importance Code C	\$50,100	
<b>Total</b>	<b>\$1,460,200</b>	<b>\$1,653,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$33,600	\$700		
Interior Architecture	\$41,000	\$30,300		\$2,900
Electrical	\$11,700	\$1,800	\$1,600	\$1,900
Mechanical	\$56,400	\$17,500	\$13,700	\$9,200
<b>Total</b>	<b>\$142,700</b>	<b>\$50,200</b>	<b>\$15,200</b>	<b>\$13,900</b>
Importance Code A	\$36,400	\$6,300	\$5,500	\$5,500
Importance Code B	\$106,300	\$43,900	\$9,700	\$8,400
Importance Code C				
<b>Total</b>	<b>\$142,700</b>	<b>\$50,200</b>	<b>\$15,200</b>	<b>\$13,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glass Block	5%			LIFE	**	5	\$1,700	
Masonry: Brick Cavity	90%	Now	\$191,100	LIFE	**	5	\$49,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Chimney And Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Foundation At East Side</i>								
Masonry: Granite	5%			LIFE	**	5	\$2,100	
Windows								
Steel	100%	Now	\$825,400	2051	**	5	\$96,800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick Cavity	90%			LIFE	**	5	\$3,100	
Metal Panel	10%			2046	**	5	\$1,300	
Roof								
Modified Bitumen	80%			2031	**	10	\$48,500	
Modified Bitumen	20%	Now	\$33,600	2031	**			
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Roof Over Gymnasium</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Gymnasium At Southeast Corner</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gymnasium At Southeast Corner</i>								

Interior

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	18%	Now	\$12,500	LIFE	**	5	\$25,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pool Treatment Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Filter Room</i>								
Ceramic Tile	10%			2035	**	5	\$6,600	
Mosaic Tile	10%			2031	**	5	\$16,400	
Sheet Vinyl/Rubber	2%	Now	\$39,700	2036	**	5	\$1,000	
<i>Seams Open/Split, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Play Room</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Play Room</i>								
Terrazzo	10%			LIFE	**	5	\$5,100	
Vinyl Tile	35%			2026	\$199,300	3	\$11,500	
Wood	15%			2054	**	5	\$18,500	
<b>Interior Walls</b>								
Cast in Place Concrete	5%	Now	\$50,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pool Wall</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pool Wall</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$6,200	
Gypsum Board	25%			LIFE	**	5	\$23,300	
Plaster	20%			LIFE	**	5	\$9,300	
SGFT/Glazed Masonry	40%			LIFE	**			
<b>Ceilings</b>								
AcousTile,Adhered	15%			2031	**	5	\$10,200	
AcousTileConcealSpLn	20%			2031	**	5	\$17,000	
AcousTileSusp.Lay-In	25%			2031	**	5	\$17,000	
Exposed Concrete	10%	Now	\$22,300	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Filter Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room</i>								
<i>Explanation : Temporary Support With Lally Columns</i>								
Exposed Struc: Steel	5%			LIFE	**			
Plaster	25%			LIFE	**	5	\$10,600	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Under 600 Volts

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$21,200	5	\$200	
			<i>Enclosure Corroded, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Electrical Room</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Electrical Room</i>					
			<i>Explanation : One 1200 Ampere Main Disconnect Switch</i>					
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$149,600	5	\$200	
			<i>Enclosure Corroded, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Electrical Room</i>					
Raceway								
Conduit	100%			2026	\$126,400	1		
Panelboards								
Fused Disc Sw	5%			2025	\$5,300	5	\$100	
Molded Case Bkrs	95%			2025	\$101,400	5	\$1,400	
Wiring								
Thermoplastic	100%			2026	\$177,400	1		
Motor Controllers								
Locally Mounted	80%			2024	\$37,000	5	\$300	
Locally Mounted	20%			2031	**	5	\$100	
<b>Ground</b>								
Grounding Devices								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$800	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Water Main</i>					
			<i>Explanation : Corroded</i>					
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2034	**	10	\$51,000	
			<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Egress Lighting								
Emergency, Service	50%			2034	**	1		
Exit, Service	50%			2034	**	1		
Exterior Lighting								
HID	100%			2034	**	10	\$200	
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%	Now	\$51,500	2036	**	1	\$5,600	
			<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Swimming Pool</i>					

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**DEPT. OF PARKS & RECREATION - 846**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Alarm**

## Fire/Smoke Detection

No Component

70%

Generic, Digital

30%

2026

\$176,400

1-3

\$10,600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways, Basement And Fan Rooms**Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors And Alarm Bells*

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

## Energy Source

Interruptible Gas/Dual Fuel

100%

2046

\* \*

1

## Conversion Equipment

Steam Boiler

50%

2039

\* \*

1

\$27,600

*Other Observation, Extent : Light, Area Affected : 50%**Location : Basement Boiler Room**Explanation : 1 Steam Boiler*

Steam Boiler

50%

Now

\$172,100

2046

\* \*

1

\$24,800

*Abandoned in Place, Extent : Severe, Area Affected : 50%**Location : 1 Unit, Boiler Room*

## Distribution

Central Plant Steam Piping/Pmp

100%

2036

\* \*

4

\$4,100

## Terminal Devices

Air Handler

40%

2026

\$299,100

1

\$13,800

Convactor/Radiator

60%

2031

\* \*

1

\$10,800

**Air Conditioning**

## Energy Source

Electricity

100%

2034

\* \*

1

## Conversion Equipment

Window/Wall Unit

40%

2020

\$44,300

1

No Component

60%

**Ventilation**

## Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$31,000

## Exhaust Fans

Interior

100%

Now

\$18,900

2026

\$189,200

2

\$1,400

*Broken, Extent : Severe, Area Affected : 20%**Location : Motor(s)***Plumbing**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Plumbing								
	H/C Water Piping							
	Brass/Copper	20%			2036	**	1	
	Galvanized Steel	80%	Now	\$37,300	2031	**	1	
	<i>Corroded, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Basement</i>							
	Water Heater							
	Gas Fired	100%			2025	\$32,400	2	\$800
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement Boiler Room</i>							
	HW Heat Exchanger							
	Steam Fired	100%			2036	**	4	\$8,300
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Solar Hot Water System</i>							
	<i>Explanation : Solar Hot Water System</i>							
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2020	\$1,800	4	\$1,800
	Pool Filter/Treatment							
	Sand	100%	Now	\$24,700	2031	**	4	
	<i>Corroded, Extent : Severe, Area Affected : 15%</i>							
	<i>Location : Pool Filter Supports, Booster Pumps In Basement</i>							
	<i>Leak Evident, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Water Lines, Pump Room</i>							
	Fixtures							
	Generic	100%						
	Fire Suppression							
	Standpipe							
	Generic	100%			2036	**	1-5	\$28,100

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SUNSET PARK BATHHOUSE  
**Address** : 41-44 ST AND 5TH AND 7TH AVE 43RD ST. AND 7TH AVE.  
**Borough** : BROOKLYN **Agency's Number** : B087-02A  
**Program / Asset #** : PAR0105.02A / 1191 **Yr Built/Renovated** : 1936 / 2001  
**Area Sq Ft** : 19,424 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 1059 **Lot** : 9 **BIN** : 3024425

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$2,475,700	\$190,000
Interior Architecture	\$67,900	\$110,000
Electrical		\$226,300
Mechanical		\$256,300
<b>Total</b>	<b>\$2,543,700</b>	<b>\$782,600</b>
Importance Code A	\$2,475,700	\$190,000
Importance Code B	\$67,900	\$592,600
<b>Total</b>	<b>\$2,543,700</b>	<b>\$782,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$23,300			
Interior Architecture	\$69,700	\$1,500		
Electrical	\$1,400	\$1,800	\$18,200	\$1,300
Mechanical	\$45,200	\$4,600	\$4,600	\$3,200
<b>Total</b>	<b>\$139,500</b>	<b>\$7,900</b>	<b>\$22,800</b>	<b>\$4,500</b>
Importance Code A	\$25,200	\$1,900	\$2,200	\$1,900
Importance Code B	\$59,800	\$6,000	\$20,600	\$2,600
Importance Code C	\$54,500			
<b>Total</b>	<b>\$139,500</b>	<b>\$7,900</b>	<b>\$22,800</b>	<b>\$4,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$31,600	
Masonry: Brick	82%	Now	\$1,045,800	LIFE	**	5	\$103,800	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Free Standing Wall At Womens Lockers Exit</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rotunda Walls</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Metal Coiling Doors	5%	Now	\$40,000	2032	**	5	\$9,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Pre-Cast Concrete	5%	Now	\$23,300	LIFE	**	5	\$20,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Window Lintels</i>								
Slate Panels	3%	0-2	\$88,500	LIFE	**	5	\$2,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Window Sills</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Window Sills</i>								
Windows								
Steel	100%	Now	\$802,200	2052	**	5	\$86,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Locker Rooms</i>								
Parapets								
Masonry: Brick	100%	Now	\$349,600	LIFE	**	5	\$27,200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Men And Women Locker Rooms</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Single Ply Membrane	100%	Now	\$149,800	2032	**			
<i>Drains Clogged, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Perimeter Drains And At Rotunda</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Perimeter Drains And At Rotunda</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 2nd Floor Corridor Outside Of Offices</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Perimeter Drains And At Rotunda</i>								
<i>Explanation : Worn, Deteriorated Surface</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$25,400	
Ceramic Tile	10%			2030	**	5	\$2,900	
Panel/Paver: Cer/Brk	10%			2035	**	5	\$6,500	
Vinyl Tile	40%			2027		3	\$4,400	
Interior Walls								
Cast in Place Concrete	10%	0-2	\$24,000	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Stair To Basement</i>								
Masonry: Brick	10%			LIFE	**			
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Main Entry</i>								
Plaster	50%	Now	\$30,500	LIFE	**	5	\$10,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Fan Room, Men And Women Locker Rooms</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor Fan Room, Men And Women Locker Rooms</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Men And Women Locker Rooms</i>								
SGFT/Glazed Masonry	30%			LIFE	**			
Ceilings								
Exposed Concrete	20%	4+	\$10,400	LIFE	**	5	\$900	
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Plaster	80%	Now	\$67,900	LIFE	**	5	\$14,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Second Floor Fan Room, Men And Women Locker Rooms</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor Fan Room, Men And Women Locker Rooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Men And Women Locker Rooms</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2027	\$1,600	5	\$500	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : No Available Nameplate Ratings</i>							
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$27,200	5	\$500	
<hr/>								
Raceway								
Conduit	60%			2037	**	1		
Conduit	40%			2027	\$1,700	1		
<hr/>								
Panelboards								
Fused Disc Sw	10%			2026	\$800	5		
Molded Case Bkrs	40%			2035	**	5	\$200	
Molded Case Bkrs	50%			2026	\$4,200	5	\$300	
<hr/>								
Wiring								
Thermoplastic	60%			2037	**	1		
Thermoplastic	40%			2027	\$3,600	1		
<hr/>								
Motor Controllers								
Locally Mounted	50%			2025	\$8,000	5	\$100	
Locally Mounted	50%			2032	**	5	\$100	
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	5%			2027	\$2,400	10	\$900	
	<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Gymnasium</i>							
Fluorescent	90%			2035	**	10	\$16,000	
	<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
HID	5%			2035	**	10		
<hr/>								
Egress Lighting								
Emergency, Battery	50%			2035	**	10	\$2,300	
Exit, Service	50%			2035	**	1		
<hr/>								
Exterior Lighting								
HID	20%			2022	\$16,300	10		
No Component	80%							
<hr/>								
<b>Alarm</b>								
Security System								
No Component	70%							
Generic	30%			2032	**	1	\$2,200	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Inside And Outside</i>							
	<i>Explanation : CCTV Surveillance Camera</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Alarm**

Fire/Smoke Detection  
Generic, Digital

100% 2027 \$223,900 1-3 \$12,000

*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : Strobe Lights, Manual Pull Stations, Horns, Smoke Detectors, Alarm Bells*

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Energy Source  
Interruptible Gas/Dual  
Fuel

100% 2053 \* \* 1

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Buried In Front Yard*

*Explanation : 1 10,000 Gallon Tank*

Conversion Equipment  
Steam Boiler

100% 2044 \* \* 1 \$19,200

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Boiler Room*

*Explanation : 2 Units*

**Distribution**

Central Plant Steam  
Piping/Pmp

100% 2037 \* \* 4 \$1,400

**Terminal Devices**

Air Handler  
Fan Coil Unit/Heat

90% 2027 \$256,300 1 \$10,800  
5% 0-2 \$15,200 2037 \* \* 1 \$300

*Malfunctioning, Extent : Moderate, Area Affected : 10%*

*Location : Men And Women Shower, 2 Of 4 Unit Require Repair Or Replacement*

Fan Coil Unit/Heat

5% 2027 \$15,200 1 \$300

**Air Conditioning**

Energy Source  
Electricity

100% 2043 \* \* 1

**Conversion Equipment**

Window/Wall Unit  
No Component

25% 2025 \$10,500 1  
75%

**Ventilation****Distribution**

Ductwork/Diffusers

10% Now \$18,700 LIFE \* \* 2-5 \$1,100

*Malfunctioning, Extent : Moderate, Area Affected : 80%*

*Location : Second Floor Air Handling Units, Defective Fresh Air Intake Damper Controls*

Ductwork/Diffusers

90% LIFE \* \* 2-5 \$9,700

**Exhaust Fans**

Roof

100% 2027 \$33,600 2 \$600

**Plumbing**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
H/C Water Piping	Brass/Copper	100%			2037	**	1	
HW Heat Exchanger	Steam Fired	100%			2037	**	4	\$2,900
Sanitary Piping	Cast Iron	5%	Now	\$7,400	LIFE	**	1	
			<i>Cracked, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : East Meter Room In Basement</i>					
	Cast Iron	95%			LIFE	**	1	
Storm Drain Piping	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)	Submersible	100%			2020	\$700	4	\$600
Fixtures	Generic	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SUNSET PARK COMFORT STATION  
**Address** : 41-44 ST AND 5TH AND 7TH AVE 6TH AVE. BET. 41ST AND 44TH ST.  
**Borough** : BROOKLYN **Agency's Number** : B087-01A  
**Program / Asset #** : PAR0105.01A / 600 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 900 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1059 **Lot** : 9 **BIN** : 3024425

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				
Interior Architecture			\$300	
Electrical				
Mechanical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$500</b>	<b>\$100</b>
Importance Code A				
Importance Code B			\$400	
Importance Code C				
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$500</b>	<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK COMFORT STATION**  
**Asset # : 600**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	100%			LIFE	**	5	\$3,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	100%			2049	**	5	\$3,800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Slate	100%			LIFE	**			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$1,900	
Quarry Tile	35%			2032	**	5	\$700	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	**	5	\$200	
Gypsum Board	55%			LIFE	**	5	\$1,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	30%			LIFE	**			
Ceilings								
Gypsum Board	100%			LIFE	**	5	\$1,600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2053	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 400 Amperes</i>								
Transformers								
Dry Type	100%			2044	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 480/277 Volts, 75kva</i>								
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Molded Case Bkrs	100%			2049	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK COMFORT STATION**  
**Asset # : 600**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2053	**	1		
Motor Controllers								
Locally Mounted	100%			2044	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2035	**	10	\$800	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
HID	20%			2035	**	10		
No Component	80%							
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2047	**	1		
Conversion Equipment								
Furnace	100%			2035	**	1	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ceiling Mounted</i>								
<i>Explanation : One Gas Fires Furnace</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$500	
Exhaust Fans								
Interior	100%			2035	**	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	**	1		
Water Heater								
Electric	100%			2026	\$800	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2035	**	1	\$100	
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.

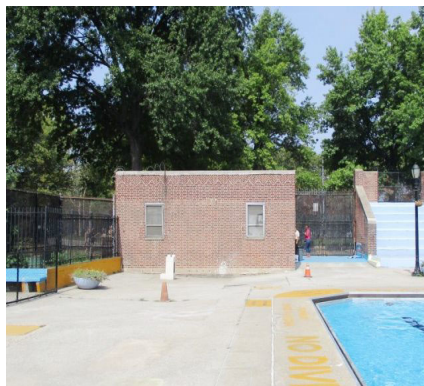
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SUNSET PARK FILTER HOUSE  
**Address** : 41-44 ST AND 5TH AND 7TH AVE 7TH AVE. BET. 41ST AND 44TH ST.  
**Borough** : BROOKLYN **Agency's Number** : B087-02C  
**Program / Asset #** : PAR0105.02C / 1180 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 1,050 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2015 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1059 **Lot** : 9 **BIN** : 3024425

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Electrical		\$94,400
<b>Total</b>		<b>\$94,400</b>
Importance Code B		\$94,400
<b>Total</b>		<b>\$94,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$42,800			
Interior Architecture	\$16,900			
Electrical			\$900	
Mechanical	\$19,100		\$100	
<b>Total</b>	<b>\$78,900</b>	<b>\$100</b>	<b>\$1,000</b>	
Importance Code A	\$42,800			
Importance Code B	\$22,500	\$100	\$1,000	
Importance Code C	\$13,500			
<b>Total</b>	<b>\$78,900</b>	<b>\$100</b>	<b>\$1,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	100%	Now	\$21,300	LIFE	**	5	\$3,200	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade, South Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Corners</i>								
<b>Windows</b>								
Metal Louvers	5%			2030	**	10	\$100	
Steel	95%	Now	\$15,900	2052	**	5	\$1,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Masonry: Brick	65%			LIFE	**	5	\$1,000	
Metal: Cage/Fence	30%	Now	\$2,000	2032	**	5	\$1,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
Pre-Cast Concrete	5%	Now	\$900	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Coping</i>								
<b>Roof</b>								
Built-Up (BUR)	20%	Now	\$1,300	2027			\$6,500	
<i>Debris Present, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Wing</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South And North Wings</i>								
Cast in Place Concrete	80%	Now	\$1,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Bleachers</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Bleachers</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Bleachers</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5		
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Filter Room</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	90%	Now	\$13,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Filter Room</i>								
Masonry: Brick	10%			LIFE	**			
<b>Ceilings</b>								
Exposed Concrete	85%	Now	\$3,400	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Filter Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Filter Room</i>								
Plaster	15%			LIFE	**	5	\$200	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2027	\$5,400	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Nameplate Ratings Available</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2027	\$54,400	5		
<b>Raceway</b>								
Conduit	50%			2037	**	1		
Conduit	50%			2027	\$3,000	1		
<b>Panelboards</b>								
Fused Disc Sw	15%			2026	\$1,200	5		
Molded Case Bkrs	85%			2026	\$7,100	5		
<b>Wiring</b>								
Thermoplastic	80%			2027	\$5,900	1		
Thermoplastic	20%			2037	**	1		
<b>Motor Controllers</b>								
Locally Mounted	50%			2025	\$40,000	5		
Locally Mounted	50%			2032	**	5		

**Ground**

Grounding Devices  
Not Accessible

100%

**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.



**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	5%			2022	\$600	10		
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fluorescent	35%			2027	\$4,100	10	\$300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Filter Room</i>								
HID	60%			2027		10		
<b>Egress Lighting</b>								
Emergency, Battery	10%			2022	\$200	10		
No Component	90%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Plant Campus Steam / PRV	100%			2027	\$100	1		
<b>Distribution</b>								
Central Plant Steam Piping/Pmp	100%	2-4	\$18,500	2057	**	4	\$100	
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Pool Pump Room, Deteriorating Steam And Condesate Return Piping</i>								
<b>Terminal Devices</b>								
Convactor/Radiator	100%			2032	**	1	\$300	
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$600	
<b>Exhaust Fans</b>								
Interior	10%	0-2	\$400	2037	**	2		
<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Upper Level Of Filter House, 1 Of 2 Exhaust Fan Needs Repair Or Replacement</i>								
Interior	90%			2027	\$3,500	2		
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	100%			2037	**	1		
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Sump Pump(s)</b>								
Submersible	100%			2020		4		
<b>Pool Filter/Treatment</b>								
Sand	100%			2032	**	4	\$400	

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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
Backflow Preventer								
Generic	100%			2035	**	1	\$100	

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : SUNSET PARK OLYMPIC POOL  
 Address : 41-44 ST AND 5TH AND 7TH AVE 7TH AVE BET. 41ST AND 44TH ST.  
 Borough : BROOKLYN Agency's Number : B087-02  
 Program / Asset # : PAR0105.002 / 599 Yr Built/Renovated :  
 Area Sq Ft : 41,796 Project Type : PARKS AND RECREATION  
 Date of Survey : 02-Sep-2015 Landmark Status : NONE  
 Areas Surveyed : Floors 1  
 Block : 1059 Lot : 9 BIN : 3024425

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$94,500	\$45,600
Interior Architecture	\$50,200	\$51,700
Electrical	\$80,500	
<b>Total</b>	<b>\$225,300</b>	<b>\$97,400</b>
Importance Code A	\$94,500	\$45,600
Importance Code B	\$130,800	\$51,700
<b>Total</b>	<b>\$225,300</b>	<b>\$97,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Electrical			\$100	
<b>Total</b>			<b>\$100</b>	
Importance Code B			\$100	
<b>Total</b>			<b>\$100</b>	



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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK OLYMPIC POOL**  
**Asset # : 599**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Exterior

## Exterior Walls

Cast in Place Concrete	80%	Now	\$84,000	LIFE	**	5	\$36,500	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%*  
*Location : Throughout*

Cast in Place Concrete	20%	0-2	\$10,500	LIFE	**	5	\$9,100	
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*Misaligned/Bulging, Extent : Moderate, Area Affected : 20%*  
*Location : Pool Deck At Drains*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$50,200	LIFE	**	5	\$51,700	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%*  
*Location : Throughout*

*Paint Peeling, Extent : Moderate, Area Affected : 20%*  
*Location : Throughout*

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Lighting

## Exterior Lighting

HID	50%			2022	\$80,500	10	\$100	
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No Component	50%							
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Brass/Copper	100%			2053	**	1		
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*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Pool Deck*  
*Explanation : New Decks Showers Observed*

## Sanitary Piping

Cast Iron	100%			LIFE	**	1		
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : THOMAS JEFFERSON PARK POOL BUILDING  
**Address** : 1ST AVE TO FDR DRIVE BTWN E.111 ST – E.114 ST  
**Borough** : MANHATTAN **Agency's Number** : M047-02A  
**Program / Asset #** : PAR0045.02A / 885 **Yr Built/Renovated** : 1925 / 2013  
**Area Sq Ft** : 5,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1705 **Lot** : 1 **BIN** : 1085632

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$213,100	\$86,500
Interior Architecture	\$40,200	\$153,800
<b>Total</b>	<b>\$253,300</b>	<b>\$240,300</b>
Importance Code A	\$213,100	\$86,500
Importance Code B	\$40,200	\$153,800
<b>Total</b>	<b>\$253,300</b>	<b>\$240,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$19,400	\$1,100		
Interior Architecture	\$65,500	\$4,900		\$1,100
Electrical	\$11,100	\$1,100	\$500	\$400
Mechanical	\$1,200	\$4,300	\$1,300	\$1,600
<b>Total</b>	<b>\$97,200</b>	<b>\$11,500</b>	<b>\$1,800</b>	<b>\$3,100</b>
Importance Code A	\$19,900	\$1,700	\$500	\$500
Importance Code B	\$61,900	\$9,800	\$1,300	\$2,500
Importance Code C	\$15,400			
<b>Total</b>	<b>\$97,200</b>	<b>\$11,500</b>	<b>\$1,800</b>	<b>\$3,100</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**  
**Asset # : 885**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	90%	Now	\$159,500	LIFE	**	5	\$47,500	
<i>Diagonal Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : East Facade, Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Overhead Lintels / Pool Entrances From Locker Rooms</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North And South Facades, Pool Courtyard</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Chimney, Corners, Throughout</i>								
Pre-Cast Concrete	10%	Now	\$19,400	LIFE	**	5	\$17,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Around Windows</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Aluminum	95%	Now	\$53,600	2034	**	5	\$2,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Interior Pool Courtyard</i>								
<i>Hardware Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Glass Block	5%			LIFE	**	5	\$200	
<b>Parapets</b>								
Masonry: Brick	90%			LIFE	**	5	\$10,300	
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parapet And Coping</i>								
Metal Panel	5%			2056	**	5	\$2,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Coping</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$3,600	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Coping Stone</i>								
<b>Roof</b>								
Modified Bitumen	95%			2036	**	10	\$39,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Replaced Throughout</i>								
Skylight, Plastic	5%			2039	**	1		

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**

**Asset # : 885**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$1,300	LIFE	**	5	\$4,800	
<i>Water Penetration, Extent : Light, Area Affected : 15%</i>								
<i>Location : Boiler Room</i>								
Ceramic Tile	15%	Now	\$3,500	2029	\$70,900	5	\$1,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Quarry Tile	25%			2031	**	5	\$8,200	
Sheet Vinyl/Rubber	5%			2031	**	5	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Weight Room</i>								
<i>Explanation : Rubber Impact Resistant Tiles</i>								
Vinyl Tile	40%			2026	\$82,900	3	\$4,400	
Wood	5%	Now	\$40,200	2066	**	5	\$1,000	
<i>Deflection Evident, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Multi-purpose Room</i>								
Interior Walls								
Cast in Place Concrete	5%	Now	\$6,400	LIFE	**			
<i>Loose/Delam Surface, Extent : Light, Area Affected : 15%</i>								
<i>Location : Filter Room</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room</i>								
Ceramic Tile	5%			2029	\$28,100	5	\$900	
Masonry: Brick	5%	Now	\$800	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Lobby</i>								
Plaster	50%	Now	\$8,200	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Above Windows, Lobby</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Above Windows, Lobby, Corridors</i>								
SGFT/Glazed Masonry	35%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**  
**Asset # : 885**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%	Now	\$3,900	2031	**	5	\$1,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Classrooms</i>								
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Lobby And Throughout</i>								
Exposed Concrete	70%	Now	\$27,500	LIFE	**	5	\$2,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Filter Room</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Filter Room</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Plaster	20%	Now	\$12,800	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Multipurpose Room</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Women Locker Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Multipurpose Room, Men And Women Lockers And Lobby</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2036	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2000 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	80%			2026	\$21,800	5		
Molded Case Bkrs	20%			2036	**	5		
<b>Raceway</b>								
Conduit	10%			2036	**	1		
Conduit	90%			2026	\$3,800	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2025	\$400	5		
Molded Case Bkrs	95%			2025	\$7,900	5	\$100	
<b>Wiring</b>								
Thermoplastic	90%			2036	**	1		
Thermoplastic	10%			2036	**	1		
<b>Motor Controllers</b>								
Locally Mounted	50%			2024	\$4,000	5		
Locally Mounted	50%			2031	**	5		

**Ground**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**

**Asset # : 885**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Ground**

Grounding Devices  
Generic

100%	2-4	\$10,600	LIFE	**	5	\$100
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*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Water Main*  
*Explanation : Corroded*

**Lighting**

Interior Lighting  
Fluorescent

100%			2036	**	10	\$5,000
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*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*

Egress Lighting

Emergency, Battery  
Exit, Service

50%			2031	**	10	\$700
50%			2031	**	1	

Exterior Lighting

HID  
HID

80%			2026	\$18,200	10	
20%			2036	**	10	

*Malfunctioning, Extent : Moderate, Area Affected : 20%*  
*Location : Rear Wall*

**Alarm**

Security System

No Component  
Generic

40%						
60%			2031	**	1	\$1,200

Fire/Smoke Detection

Generic, Digital

100%			2031	**	1-3	\$3,300
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Energy Source

Natural Gas

100%			2046	**	1	
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Conversion Equipment

Steam Boiler

100%			2039	**	1	\$5,400
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*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Basement*  
*Explanation : 2 Units*

Distribution

Central Plant Steam  
Piping/Pmp

100%			2036	**	4	\$400
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*Repairs In Progress, Extent : Light, Area Affected : 100%*  
*Location : Vacuum Pump, Basement*

Terminal Devices

Air Handler  
Convactor/Radiator

50%			2031	**	1	\$1,700
50%			2031	**	1	\$900

**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.*



**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**  
**Asset # : 885**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2034	**	1	
Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	80%			2031	**	2	\$300
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 80%</i>					
			<i>Location : 4 Units, Roof</i>					
	Window/Wall Unit	10%			2024	\$1,200	1	
	No Component	10%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,000
Exhaust Fans								
	Roof	100%			2031	**	2	\$200
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	20%			2036	**	1	
	Galvanized Steel	80%			2031	**	1	
			<i>Booster Pump w/Tank, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Defective Water Pressure Booster Is Under Repair, Basement</i>					
Water Heater								
	Gas Fired	100%			2021	\$3,400	2	\$100
HW Heat Exchanger								
	Steam Fired	100%			2036	**	4	\$800
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Sump Pump(s)								
	Non-Submersible	100%			2026	\$900	4	\$100
Pool Filter/Treatment								
	Sand	100%			2031	**	4	\$1,300
<b>Fixtures</b>								
	Generic	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : THOMAS JEFFERSON PARK THOMAS JEFFERSON POOL, OLYMPIC  
**Address** : 1ST AVE TO FDR DRIVE BTWN E.111 ST – E.114 ST  
**Borough** : MANHATTAN **Agency's Number** : M047-02  
**Program / Asset #** : PAR0045.002 / 846 **Yr Built/Renovated** :  
**Area Sq Ft** : 23,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 1705 **Lot** : 1 **BIN** : 1085632

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$45,600
Interior Architecture		\$51,700
Electrical	\$96,700	
<b>Total</b>	<b>\$96,700</b>	<b>\$97,400</b>
Importance Code A		\$45,600
Importance Code B	\$96,700	\$51,700
<b>Total</b>	<b>\$96,700</b>	<b>\$97,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$28,600			
Interior Architecture	\$27,400			
Electrical		\$100		
<b>Total</b>	<b>\$56,000</b>	<b>\$100</b>		
Importance Code A	\$28,600			
Importance Code B	\$27,400	\$100		
<b>Total</b>	<b>\$56,000</b>	<b>\$100</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK THOMAS JEFFERSON POOL, OLYMPIC**  
**Asset # : 846**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Exterior

## Exterior Walls

Cast in Place Concrete	100%	Now	\$28,600	LIFE	**	5	\$45,600	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%**Location : Throughout*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$27,400	LIFE	**	5	\$51,700	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%**Location : Throughout**Caulking Deteriorated, Extent : Moderate, Area Affected : 20%**Location : Throughout*

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Under 600 Volts

## Wiring

Thermoplastic	100%			2026	\$9,100	1		
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## Lighting

## Exterior Lighting

HID	100%			2021	\$96,700	10	\$100	
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2031	**	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : THOMAS JEFFERSON PARK WADING POOL  
**Address** : 1ST AVE TO FDR DRIVE BTWN E.111 ST – E.114 ST  
**Borough** : MANHATTAN **Agency's Number** : M047-02B  
**Program / Asset #** : PAR0045.02B / 827 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2014 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Floors 1  
**Block** : 1705 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$57,300	\$45,600
Interior Architecture		\$51,700
<b>Total</b>	<b>\$57,300</b>	<b>\$97,400</b>
Importance Code A	\$57,300	\$45,600
Importance Code B		\$51,700
<b>Total</b>	<b>\$57,300</b>	<b>\$97,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Interior Architecture	\$27,400			
Electrical		\$23,100		
<b>Total</b>	<b>\$27,400</b>	<b>\$23,100</b>		
Importance Code B	\$27,400	\$23,100		
<b>Total</b>	<b>\$27,400</b>	<b>\$23,100</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK WADING POOL**

**Asset # : 827**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Exterior

Exterior Walls

Cast in Place Concrete	100%	Now	\$57,300	LIFE	**	5	\$45,600	
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*Cracking/Crumbling, Extent : Light, Area Affected : 20%*

*Location : Throughout*

Interior

Floors

Cast in Place Concrete	100%	Now	\$27,400	LIFE	**	5	\$51,700	
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*Cracking/Crumbling, Extent : Light, Area Affected : 20%*

*Location : Throughout*

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Under 600 Volts

Wiring

Thermoplastic	100%			2026	\$9,100	1		
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Lighting

Exterior Lighting

HID	100%			2021	\$23,100	10		
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Plumbing

H/C Water Piping

Galvanized Steel	100%			2031	**	1		
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Storm Drain Piping

Cast Iron	100%			LIFE	**	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION  
**Address** : E 7 ST-E 10 ST AVE A AND B  
**Borough** : MANHATTAN **Agency's Number** : M088-02A  
**Program / Asset #** : PAR0051.02A / 894 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 3,967 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 403 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$167,500	\$135,500
<b>Total</b>	<b>\$167,500</b>	<b>\$135,500</b>
Importance Code A	\$167,500	\$135,500
<b>Total</b>	<b>\$167,500</b>	<b>\$135,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$63,500			
Interior Architecture	\$25,800			
Electrical	\$9,800	\$19,100		
Mechanical	\$4,600	\$3,900	\$400	\$400
<b>Total</b>	<b>\$103,600</b>	<b>\$23,000</b>	<b>\$400</b>	<b>\$400</b>
Importance Code A	\$64,300	\$200	\$200	\$200
Importance Code B	\$28,100	\$22,800	\$300	\$200
Importance Code C	\$11,300			
<b>Total</b>	<b>\$103,600</b>	<b>\$23,000</b>	<b>\$400</b>	<b>\$400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	93%	Now	\$101,200	LIFE	**	5	\$11,000	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Girls / Boys Room</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : East / West Facades Flanking Covered Collonade</i>								
Pre-Cast Concrete	7%	Now	\$5,600	LIFE	**	5	\$2,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spandrels</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spandrels</i>								
Windows								
Aluminum	100%			2034	**	5	\$600	
Parapets								
Metal Panel	50%	Now	\$66,300	2046	**	5	\$8,200	
<i>Seams Open/Split, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Coping</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
Pre-Cast Concrete	50%	Now	\$30,800	LIFE	**	5	\$26,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout, Cornice At South And West Facades</i>								
Roof								
Built-Up (BUR)	100%	Now	\$27,100	2026	\$135,500			1
<i>Drains Clogged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All Drains Missing Covers</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Offices, Both Wings</i>								
Interior								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	10%			LIFE	**	5	\$800	
Ceramic Tile	35%	Now	\$2,500	2029	\$24,600	5	\$600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Restrooms</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Restrooms</i>								
Quarry Tile	50%	Now	\$5,200	2031	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Open Area</i>								
Vinyl Tile	5%	Now	\$1,500	2036	**	3	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	10%	Now	\$4,300	LIFE	**			
<i>Paint Peeling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Walls At Basement Stairs</i>								
Ceramic Tile	70%			2035	**	5	\$9,400	
Plaster	20%	Now	\$2,200	LIFE	**	5	\$800	
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Storage Area</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Offices, Both Wings</i>								
<b>Ceilings</b>								
Exposed Concrete	50%	Now	\$2,900	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Open Area</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Open Area</i>								
Plaster	50%	Now	\$2,400	LIFE	**	5	\$1,100	
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Offices, Both Wings</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 100 Ampere Main Disconnect Switches</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2026	\$3,800	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$7,600	5	\$100	
Wiring								
Thermoplastic	100%			2026	\$8,300	1		
Motor Controllers								
Locally Mounted	100%			2024	\$7,300	5		
<b>Ground</b>								
Grounding Devices								
Generic	100%	0-2	\$9,700	LIFE	**	5	\$100	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Corroded</i>					
<b>Lighting</b>								
Interior Lighting								
Fluorescent	30%			2021	\$2,700	10	\$1,100	
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Using T-12 Lamps</i>					
Fluorescent	70%			2026	\$6,200	10	\$2,500	
			<i>Other Observation, Extent : Light, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Using T-8 Lamps</i>					
Egress Lighting								
Emergency, Service	50%			2026	\$1,000	1		
Exit, Service	50%			2026	\$500	1		
Exterior Lighting								
HID	100%			2021	\$15,300	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2036	**	5	\$1,200	
			<i>Buried Tank(s), Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1 - 2500 Gallon Tank Under Ground</i>					

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**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

<b>Mechanical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>									
	Conversion Equipment								
	Hot Water Boiler	98%			2031	* *	1	\$1,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Boiler Room</i>							
		<i>Explanation : 1 Boiler</i>							
	Hot Water Boiler	2%	Now	\$600	2046	* *	1		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Basement</i>							
		<i>Explanation : Noisy Oil Pump</i>							
	Distribution								
	Hot Wtr Piping/Pump	100%			2034	* *	4	\$200	
	Terminal Devices								
	Convactor/Radiator	100%			2031	* *	1	\$1,300	
<b>Air Conditioning</b>									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Window/Wall Unit	20%			2021	\$1,600	1		
	No Component	80%							
<b>Ventilation</b>									
	Exhaust Fans								
	Wall Unit	100%			2021	\$1,300	2	\$100	
<b>Plumbing</b>									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$2,800	2036	* *	1		
		<i>Pump(s) Malfunctioning, Extent : Severe, Area Affected : 65%</i>							
		<i>Location : Basement, 2 Of 3 Defective Pumps</i>							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Pump Room</i>							
		<i>Explanation : Triplex Pump System</i>							
	Water Heater								
	Electric	100%			2025	\$3,300	4		
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
		<i>Location : First Floor Staff Utility Rooms</i>							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : 1st Floor Each Side</i>							
		<i>Explanation : 2 - 10 Gallon Units</i>							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%	Now	\$800	LIFE	* *	1		
		<i>Blockage /Clogged, Extent : Severe, Area Affected : 75%</i>							
		<i>Location : Roof Drains</i>							
		<i>Leak Evident, Extent : Moderate, Area Affected : 50%</i>							
		<i>Location : Roof Drains</i>							

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**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sump Pump(s) Non-Submersible	100%	Now		2026	\$600	4	\$100
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement, Defective Sump Pump Controls</i>								
	Backflow Preventer Generic	100%			2026	\$1,000	1	\$200
	Fixtures Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : TONY DAPOLITO RECREATION CENTER AND INDOOR POOL  
**Address** : 2 SEVENTH AVE. SO. BTWN: CLARKSON ST. - LEROY ST.  
**Borough** : MANHATTAN **Agency's Number** : M103-03  
**Program / Asset #** : PAR0054.003 / 270 **Yr Built/Renovated** : 1920 / 2010  
**Area Sq Ft** : 46,198 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 582 **Lot** : 50 **BIN** : 1009772

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,214,500	
Interior Architecture	\$624,800	\$160,600
Electrical	\$560,800	\$331,600
Mechanical	\$1,660,900	\$538,900
<b>Total</b>	<b>\$4,060,900</b>	<b>\$1,031,100</b>
Importance Code A	\$1,214,500	
Importance Code B	\$2,795,100	\$1,031,100
Importance Code C	\$51,400	
<b>Total</b>	<b>\$4,060,900</b>	<b>\$1,031,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$52,700	\$9,700	\$2,700	
Interior Architecture	\$33,900	\$4,600		\$2,300
Electrical	\$55,400	\$14,200	\$3,500	\$4,300
Mechanical	\$30,400	\$6,300	\$24,300	\$6,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$176,300</b>	<b>\$38,700</b>	<b>\$34,400</b>	<b>\$16,800</b>
Importance Code A	\$56,800	\$13,900	\$6,800	\$4,100
Importance Code B	\$85,600	\$24,800	\$27,600	\$12,800
Importance Code C	\$33,900			
<b>Total</b>	<b>\$176,300</b>	<b>\$38,700</b>	<b>\$34,400</b>	<b>\$16,800</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$62,200	LIFE	**	5	\$10,800	
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Perimeter Sidewalk Vaults And Outdoor Pool Deck</i>								
Masonry: Brick	73%	Now	\$388,700	LIFE	**	5	\$31,600	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southeast Corner</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northeast Corner And South Facade Near Expansion Joint</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North Stair, Building Perimeter At Foundation</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : At Decorative Banding, All Facades</i>								
<i>Explanation : Protective Fabric In Place</i>								
Masonry: Limestone	10%	Now	\$53,500	LIFE	**	5	\$3,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Below Free Standing Parapet Wall, And Lintel On South Side</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Below Free Standing Parapet Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Decorative Banding, All Facades</i>								
<i>Explanation : Protective Fabric In Place</i>								
Metal Panel	7%			2046	**	5-10	\$20,800	
Window Wall	5%			2046	**	5	\$8,100	
Windows								
Aluminum	97%	2-4	\$638,500	2051	**	5	\$7,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Glazing Clouded, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Glass Block	3%			LIFE	**	5	\$300	

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**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Brick	65%	Now	\$71,500	LIFE	**	5	\$6,100	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northeast Corner</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lower Roof, North Stair</i>								
Masonry: Limestone	5%			LIFE	**	5	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Perimeter Walls</i>								
<i>Explanation : Protective Fabric In Place</i>								
Metal Panel	15%			2052	**	5	\$5,400	
Pre-Cast Concrete	5%	Now	\$900	LIFE	**	5	\$2,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Protective Fabric In Place</i>								
No Component	10%							
Roof								
Cast in Place Concrete	30%	Now	\$34,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pool Area Over Filter Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Over Filter Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Outdoor Pool Area Over Filter Room</i>								
<i>Explanation : Expansion Joint Failure</i>								
Modified Bitumen	40%			2034	**	10	\$22,000	
Plaza Roof: Stone Panels	5%			2046	**			
Traffic Topping	25%	2-4	\$17,100	2031	**			
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Terrace</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Terrace</i>								
Interior								

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**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

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								
Mosaic Tile	15%	Now	\$56,500	2031	**	5	\$11,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pool Room</i>								
Marble Panels	5%			LIFE	**	5	\$2,300	
Quarry Tile	10%			2031	**	5	\$9,300	
Terrazzo	5%			LIFE	**	5	\$2,400	
Vinyl Tile	30%	2-4	\$64,200	2026	\$160,600	3	\$6,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Areas</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Wood	35%			2054	**	5	\$40,500	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,300	
Glass Block	5%			LIFE	**			
Masonry: Brick	20%	Now	\$51,400	LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Basement</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Mosaic Tile	10%	Now	\$33,900	LIFE	**			
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Indoor Pool</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Indoor Pool</i>								
Plaster	35%			LIFE	**	5	\$6,800	
SGFT/Glazed Masonry	25%			LIFE	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
Exposed Concrete	10%	Now	\$81,000	LIFE	**	5	\$1,000	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Beams In Basement</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Beams In Basement</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Masonry: Infill Arch	30%	Now	\$138,300	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement</i>								
Mosaic Tile	25%	Now	\$175,400	LIFE	**	1		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North Stair</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : North Stair</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Indoor Pool</i>								
Plaster	35%	Now	\$57,800	LIFE	**	5	\$13,500	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Rooms</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Second Floor Gymnasium And Mezzanine</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$21,200	5	\$200	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$124,700	5	\$1,200	
<i>Enclosure Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	70%			2026	\$49,600	1		
Conduit	30%	2-4	\$21,300	2056	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Basement And Filter Pool</i>								
<b>Panelboards</b>								
Fused Disc Sw	5%			2025	\$5,300	5	\$100	
Molded Case Bkrs	60%			2025	\$64,100	5	\$700	
Molded Case Bkrs	35%	Now	\$37,400	2051	**	5	\$200	
<i>Pitted/Corroded Buswrk, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And Filter Pool Area</i>								
<b>Wiring</b>								
Thermoplastic	100%			2026	\$93,200	1		
<b>Motor Controllers</b>								
Locally Mounted	50%			2031	**	5	\$200	
Locally Mounted	50%	Now	\$23,100	2046	**	5	\$100	
<i>Suspect Water Damage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And Filter Pool Area</i>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	2-4	\$9,700	LIFE	**	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	90%			2031	**	10	\$34,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	3%			2031	**	10	\$1,100	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby And Stairway</i>								
HID	7%			2021	\$4,700	10	\$100	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2031	**	10	\$5,000	
Exit, Service	50%			2031	**	1		
<b>Exterior Lighting</b>								
HID	100%			2031	**	10	\$100	
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							
Generic	50%			2031	**	1	\$8,600	
<b>Fire/Smoke Detection</b>								
Generic, Analog	100%	Now	\$488,300	2036	**	1-3	\$25,900	
<i>Control Panel Damaged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
Steam Boiler	100%			2039	**	1	\$40,800	
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Natural Gas Fired Steam Boilers</i>								
<b>Distribution</b>								
Central Plant Steam Piping/Pmp	35%	Now	\$233,400	2056	**	4	\$700	
<i>Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement, Steam Condensate Piping And Equipment Damaged Due To Hurricane Sandy</i>								
<i>Leak Evident, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Central Plant Steam Piping/Pmp	65%			2026	\$433,400	4	\$1,300	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Terminal Devices</b>								
Air Handler	50%	Now	\$277,000	2036	**	1	\$11,500	
<i>Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement, Air Handling Equipment Damaged Due To Hurricane Sandy</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Convectector/Radiator	50%			2024	\$105,500	1	\$6,700	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2030	**	2	\$300	
<i>Recent Installation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Third Floor Multipurpose Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Third Floor Multipurpose Room</i>								
<i>Explanation : 2 Portable Packaged Air Conditioning Units</i>								
Int Pkg Unit - Heating/Cooling	65%	Now	\$544,600	2031	**	2	\$1,300	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Third Floor Mechanical Room Defective Air Conditioning Equipment</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Units</i>								
No Component	25%							

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Distribution								
Ductwork/Diffusers	100%	Now	\$237,900	LIFE	**	2	\$53,600	
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	20%	Now	\$72,600	LIFE	**	2-5	\$4,600	
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Ductwork/Diffusers	80%			LIFE	**	2-5	\$18,400	
Exhaust Fans								
Interior								
	60%			2021	\$84,100	2	\$800	
<i>Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement, Ventilation Equipment Damaged Due To Hurricane Sandy</i>								
Roof								
	40%			2031	**	2	\$500	
Plumbing								
H/C Water Piping								
Galvanized Steel								
	100%	Now	\$17,300	2031	**	1		
<i>Leak Evident, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Pool Filter Room Area</i>								
Water Heater								
Gas Fired								
	100%			2024	\$24,000	2	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Instantaneous With Storage Tank / Serves Showers Only</i>								
HW Heat Exchanger								
Steam Fired								
	100%	2-4	\$62,700	2056	**	4	\$4,100	
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
Sanitary Piping								
Cast Iron								
	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron								
	100%	Now	\$8,200	LIFE	**	1		
<i>Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : In Walls, Throughout</i>								
Sump Pump(s)								
Non-Submersible								
	100%			2026	\$6,700	4	\$1,000	
Pool Filter/Treatment								
Sand								
	100%	Now	\$148,500	2031	**	4		
<i>Leak Evident, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fixtures								
Generic								
	100%							
<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Vertical Transport								

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

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 : Severe, Area Affected : 100%*

*Location : Throughout*

*Explanation : Noisy Operation*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK BATHHOUSE - 0006  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX **Agency's Number** : X092-20B  
**Program / Asset #** : PAR0077.060 / 325 **Yr Built/Renovated** : 1959 /  
**Area Sq Ft** : 12,096 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 5900 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$437,000	\$292,500
Interior Architecture	\$286,500	
Electrical	\$84,000	
Mechanical		\$50,700
<b>Total</b>	<b>\$807,500</b>	<b>\$343,300</b>
Importance Code A	\$437,000	\$292,500
Importance Code B	\$184,500	\$50,700
Importance Code C	\$186,000	
<b>Total</b>	<b>\$807,500</b>	<b>\$343,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture				
Interior Architecture	\$15,400		\$100	
Electrical	\$18,300	\$500	\$600	\$38,700
<b>Total</b>	<b>\$33,700</b>	<b>\$500</b>	<b>\$700</b>	<b>\$38,700</b>
Importance Code A				
Importance Code B	\$33,700	\$500	\$700	\$38,600
Importance Code C				
<b>Total</b>	<b>\$33,700</b>	<b>\$500</b>	<b>\$700</b>	<b>\$38,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK BATHHOUSE - 0006**

**Asset # : 325**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	25%	Now	\$187,100	LIFE	**	5	\$81,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Area, Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Area, Throughout</i>								
Cast in Place Concrete	65%			LIFE	**	5	\$211,300	
Concrete Masonry Unit	10%	Now	\$54,600	LIFE	**	5	\$4,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Concession Area, Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Entrance, Throughout</i>								
<hr/>								
<b>Windows</b>								
Metal Louvers	20%	Now	\$138,500	2043	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
No Component	80%							
<hr/>								
<b>Roof</b>								
Cast in Place Concrete	100%	Now	\$56,700	LIFE	**			
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Male And Female Lockers, Throughout</i>								
<hr/>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	95%	0-2	\$15,400	LIFE	**	5	\$31,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	5%			2028	\$6,600	3	\$300	
<hr/>								
<b>Interior Walls</b>								
Concrete Masonry Unit	100%	0-2	\$186,000	LIFE	**	5	\$16,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Ceilings</b>								
Exposed Concrete	100%	Now	\$100,500	LIFE	**	5	\$2,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Male And Female Lockers</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Soft Joint Failure</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK BATHHOUSE - 0006**  
**Asset # : 325**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2028	\$1,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 1st Floor</i>								
<i>Explanation : Two 400 Ampere And Two 200 Ampere Main Disconnect Switches</i>								
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2028	\$31,700	5	\$100	
<hr/>								
Raceway								
Conduit	95%			2028	\$3,600	1		
Conduit	5%			2048	**	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2027	\$400	5		
Molded Case Bkrs	95%			2027	\$18,800	5	\$300	
<hr/>								
Wiring								
Braided Cloth	75%	Now	\$17,800	2053	**	1		
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<hr/>								
Thermoplastic	15%			2028	\$1,300	1		
Thermoplastic	10%			2048	**	1		
<hr/>								
Motor Controllers								
Locally Mounted	100%			2026	\$14,700	5	\$100	
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2023	\$27,000	10	\$11,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
<hr/>								
Exterior Lighting								
HID	100%			2023	\$46,600	10		
<hr/>								
<b>Alarm</b>								
Security System								
Generic	100%			2023	\$37,300	1	\$4,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Six CCTV Cameras Outside. The Monitor Located In The Office</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
H/C Water Piping								
Galvanized Steel	100%			2026	\$50,700	1		

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**DEPT. OF PARKS & RECREATION - 846  
VAN CORTLANDT PARK BATHHOUSE - 0006**

**Asset # : 325**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Fixtures							
	Generic	100%						

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK HEADQUARTERS  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : PAR0077.070 / 1122 Yr Built/Renovated : 1954 / 2012  
**Area Sq Ft** : 2,552 Project Type : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 Landmark Status : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 5900 Lot : 1 BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$43,100	
<b>Total</b>	<b>\$43,100</b>	
Importance Code A	\$43,100	
<b>Total</b>	<b>\$43,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$48,000			\$200
Interior Architecture	\$7,000	\$100		
Electrical	\$200	\$200	\$100	\$100
Mechanical	\$8,600	\$400	\$600	\$400
Site Pavements	\$8,200			
<b>Total</b>	<b>\$72,000</b>	<b>\$600</b>	<b>\$700</b>	<b>\$700</b>
Importance Code A	\$48,300	\$300	\$300	\$500
Importance Code B	\$14,200	\$300	\$500	\$200
Importance Code C	\$9,500	\$100		
<b>Total</b>	<b>\$72,000</b>	<b>\$600</b>	<b>\$700</b>	<b>\$700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$43,100	LIFE	**	5	\$7,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Front</i>								
Masonry: Granite	5%	Now	\$10,500	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Building Base</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Building Base</i>								
Masonry: Limestone	10%	Now	\$21,600	LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Main Entrance</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Main Entrance</i>								
Metal Sect. OHD	5%	0-2	\$13,900	2048	**	5	\$700	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	95%			2053	**	5	\$500	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Louvers	5%			2037	**	10	\$100	
Roof								
Copper/Terne	100%	Now	\$1,900	2043	**			
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Boiler Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Boiler Room</i>								
Interior								
Floors								
Cast in Place Concrete	80%	0-2	\$3,800	LIFE	**	5	\$7,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Terrazzo	20%			LIFE	**	5	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast Stone/Terra Cotta	30%	Now	\$800	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	20%			2041	**	5	\$200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	20%	Now	\$600	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Plaster	30%			LIFE	**	5	\$100	
<b>Ceilings</b>								
Exposed Concrete	25%	Now	\$1,800	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Plaster	75%			LIFE	**	5	\$2,100	
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%			2041	**			
<b>Parking/Driveway</b>								
Asphalt	100%	Now	\$8,200	2031	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%			2054	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Basement</i>								
<i>Explanation : One 200 Ampere Main Disconnect Switch</i>								
Fused Disc Sw	50%			2054	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room First Floor</i>								
<i>Explanation : One 100 Amperes Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2054	**	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2050	**	5		
Molded Case Bkrs	90%			2050	**	5	\$100	
Wiring								
Thermoplastic	100%			2054	**	1		
Motor Controllers								
Locally Mounted	100%			2045	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$2,300	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	40%			2036	**	10	\$200	
Exit, LED	60%			2063	**	1		
Exterior Lighting								
HID	100%			2036	**	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	**	1-3	\$1,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Fire Alarm System Only In The Mechanical Area</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	20%			2048	**	1		
Natural Gas	80%			2048	**	1		
Conversion Equipment								
Steam Boiler	100%			2026	\$15,800	1	\$2,500	
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Under Repair, Basement</i>								
Distribution								
Steam Piping/Pump	100%			2038	**			
Terminal Devices								
Convactor/Radiator	80%			2033	**	1	\$700	
Fan Coil Unit/Heat	20%			2028	\$7,300	1	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
Conversion Equipment								
	Interior Pkg Unit - Cooling	30%	Now	\$8,200	2026	\$27,400	2	
<i>Not in Service, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Mounted With The 1st Floor Ceiling</i>								
	Split Unit	20%			2033	**		
	No Component	50%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$1,400
Exhaust Fans								
	Not Accessible	100%						
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%			2048	**	1	
Water Heater								
	Gas Fired	100%			2026	\$1,500	2	
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Backflow Preventer								
	Generic	100%			2033	**	1	\$200
Fixtures								
	Generic	100%						

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK NATURE CENTER - 0022  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX **Agency's Number** : X092-15  
**Program / Asset #** : PAR0077.220 / 670 **Yr Built/Renovated** : 1954 / 2011  
**Area Sq Ft** : 12,738 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 5900 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$67,700
Electrical	\$140,200	
Mechanical	\$43,300	
<b>Total</b>	<b>\$183,500</b>	<b>\$67,700</b>
Importance Code A		\$67,700
Importance Code B	\$183,500	
<b>Total</b>	<b>\$183,500</b>	<b>\$67,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$4,100			\$6,400
Interior Architecture	\$14,400		\$9,900	
Electrical			\$200	\$13,600
Mechanical	\$9,600	\$11,500	\$1,600	\$31,400
<b>Total</b>	<b>\$28,100</b>	<b>\$11,500</b>	<b>\$11,700</b>	<b>\$51,400</b>
Importance Code A	\$4,700	\$600	\$600	\$35,700
Importance Code B	\$21,700	\$10,800	\$10,700	\$15,600
Importance Code C	\$1,700		\$400	
<b>Total</b>	<b>\$28,100</b>	<b>\$11,500</b>	<b>\$11,700</b>	<b>\$51,400</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK NATURE CENTER - 0022**

**Asset # : 670**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	80%			LIFE	**	5	\$12,800	
Masonry: Brick	5%			LIFE	**	5	\$1,300	
Metal Sect. OHD	5%	Now	\$4,100	2041	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood	10%			2033	**	5	\$12,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Trem</i>								
<b>Windows</b>								
Wood	100%			2044	**	5	\$51,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wood Screens For Windows</i>								
<b>Roof</b>								
Metal Panel	100%			2045	**	10	\$67,700	
<b>Interior</b>								
<b>Floors</b>								
Ceramic Tile	100%			2037	**	5	\$19,000	
<b>Interior Walls</b>								
Ceramic Tile	15%			2037	**	5	\$800	
Concrete Masonry Unit	5%			LIFE	**	5	\$100	
Plaster	80%	Now	\$1,700	LIFE	**	5	\$1,200	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Room,Throughout</i>								
<b>Ceilings</b>								
Plaster	100%	Now	\$12,700	LIFE	**	5	\$11,900	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Room</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$1,500	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical And Electrical Room</i>								
<i>Explanation : One 100 Ampere Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2028	\$32,000	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2027	\$800	5		
Molded Case Bkrs	95%			2027	\$14,500	5	\$300	

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK NATURE CENTER - 0022**

**Asset # : 670**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2028	\$28,300	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	70%			2023	\$91,100	10	\$8,200	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mechanical And Bath Room</i>								
Fluorescent	30%			2033	**	10	\$3,500	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
Egress Lighting								
Exit, Service	100%			2023	\$1,900	1		
Exterior Lighting								
HID	100%			2023	\$49,100	10		

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2028	\$23,700	5	\$3,900	
Conversion Equipment								
Furnace	100%			2023	\$28,700	1	\$6,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 1 Unit</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,100	
Exhaust Fans								
Interior	100%			2023	\$43,300	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$4,500	2038	**	1		
<i>Leak Evident, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Storage Room, 1st Floor</i>								
Water Heater								
Electric	100%			2021	\$10,700	4	\$100	
Sanitary Piping								
Cast Iron	100%	Now	\$4,500	LIFE	**	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Women Bath Room</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846  
VAN CORTLANDT PARK NATURE CENTER - 0022**

**Asset # : 670**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK OLYMPIC SWIMMING POOL  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0077.S02 / 302 **Yr Built/Renovated** :  
**Area Sq Ft** : 17,056 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 5900 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$87,300	
Interior Architecture		\$55,800
Electrical	\$65,700	\$38,100
Mechanical		\$71,500
<b>Total</b>	<b>\$153,000</b>	<b>\$165,500</b>
Importance Code A	\$87,300	
Importance Code B	\$65,700	\$165,500
<b>Total</b>	<b>\$153,000</b>	<b>\$165,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$18,500			
Interior Architecture	\$34,600			
Electrical	\$800	\$200		\$100
Mechanical	\$17,700	\$2,100		
<b>Total</b>	<b>\$71,500</b>	<b>\$2,300</b>		<b>\$100</b>
Importance Code A	\$18,500			
Importance Code B	\$48,900	\$2,300		\$100
Importance Code C	\$4,100			
<b>Total</b>	<b>\$71,500</b>	<b>\$2,300</b>		<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK OLYMPIC SWIMMING POOL**

**Asset # : 302**

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>	
<b>Exterior</b>									
<b>Exterior Walls</b>									
Cast in Place Concrete	80%	Now	\$25,900	LIFE	**	5	\$22,500		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Pool Area</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Add 3200 Sf Storage Area Roof</i>									
<i>Add 2700 Sf Filter Room Roof</i>									
Cast in Place Concrete	19%	Now	\$61,400	LIFE	**	5	\$5,300	1	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Filter House, Throughout</i>									
Metal Sect. OHD	1%	Now	\$400	2033	**	5	\$100		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<b>Roof</b>									
Cast in Place Concrete	20%	0-2	\$18,100	LIFE	**				
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
No Component	80%								
<b>Interior</b>									
<b>Floors</b>									
Cast in Place Concrete	100%	Now	\$27,100	LIFE	**	5	\$55,800		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Throughout</i>									
<b>Interior Walls</b>									
Cast in Place Concrete	10%	0-2	\$4,100	LIFE	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
No Component	90%								
<b>Ceilings</b>									
Exposed Concrete	20%	0-2	\$3,400	LIFE	**	5	\$100		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
No Component	80%								

<b>Electrical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>	

Under 600 Volts

*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.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK OLYMPIC SWIMMING POOL**

**Asset # : 302**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	80%			2038	**	1		
Conduit	20%	Now	\$800	2058	**	1		
<i>Corroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Filter House Wall Next To The Pool</i>								
Panelboards								
Molded Case Bkrs	100%			2036	**	5	\$500	
Wiring								
Thermoplastic	100%			2038	**	1		
Motor Controllers								
Locally Mounted	100%			2033	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2028	\$38,100	10	\$15,600	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Fliter House</i>								
Exterior Lighting								
HID	100%			2023	\$65,700	10	\$100	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	Now	\$14,300	2026	\$71,500	1		
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Next To The Small Pool</i>								
Storm Drain Piping								
Cast Iron	100%	0-2	\$3,400	LIFE	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Around The Pool</i>								
Pool Filter/Treatment								
Sand	90%			2045	**	4	\$5,700	
Sand	10%			2033	**	4	\$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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX **Agency's Number** : X092-16  
**Program / Asset #** : PAR0077.020 / 232 **Yr Built/Renovated** : 1954 /  
**Area Sq Ft** : 8,126 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 5900 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$149,500	
Interior Architecture	\$75,500	\$165,600
Electrical	\$26,000	
Mechanical		\$54,200
<b>Total</b>	<b>\$251,000</b>	<b>\$219,800</b>
Importance Code A	\$149,500	
Importance Code B	\$26,000	\$140,100
Importance Code C	\$75,500	\$79,700
<b>Total</b>	<b>\$251,000</b>	<b>\$219,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$57,400			
Interior Architecture	\$16,200	\$3,300		
Electrical	\$2,800	\$500	\$500	\$11,500
Mechanical	\$18,500	\$3,900	\$4,500	\$19,900
<b>Total</b>	<b>\$94,900</b>	<b>\$7,700</b>	<b>\$5,000</b>	<b>\$31,400</b>
Importance Code A	\$60,300	\$2,900	\$2,900	\$2,900
Importance Code B	\$34,600	\$4,800	\$2,100	\$28,500
Importance Code C				
<b>Total</b>	<b>\$94,900</b>	<b>\$7,700</b>	<b>\$5,000</b>	<b>\$31,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	\$6,200	LIFE	**	5	\$5,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	55%			LIFE	**	5	\$11,900	
Masonry: Brick	25%	Now	\$16,700	LIFE	**	5	\$5,400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Fieldstone	5%			LIFE	**	5	\$800	
Wood	10%	0-2	\$46,500	2033	**	5	\$5,400	
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Porch At North Side</i>								
Windows								
Aluminum	2%	0-2	\$400	2036	**	5		
<i>Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Louvers	3%			2037	**	10	\$200	
Steel	5%	Now	\$3,200	2053	**	5	\$400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Basement</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wood	90%	Now	\$30,900	2053	**	5	\$5,400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Roof</b>								
Built-Up (BUR)	5%	Now	\$37,500	2038	**			
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Built-Up (BUR)	60%			2038	**	10	\$32,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Slate	35%	Now	\$65,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%			LIFE	**	5	\$85,800	
Quarry Tile	10%			2041	**	5	\$6,500	
<b>Interior Walls</b>								
Concrete Masonry Unit	80%			LIFE	**	5	\$35,400	
Plaster	10%			LIFE	**	5	\$3,300	
Wood	10%	0-2	\$75,500	LIFE	**	5	\$44,300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	15%	2-4	\$16,200	2033	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	50%			LIFE	**	5	\$3,400	
Exposed Struc: Wood	25%			LIFE	**			
Plaster	10%			LIFE	**	5	\$2,700	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	100%			2037	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : One 200 Ampere And Two 100 Ampere Main Disconnect Switches</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2058	**	5	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Raceway								
	Conduit	70%			2028	\$2,700	1	
	Conduit	30%			2058	**	1	
Panelboards								
	Fused Disc Sw	10%			2053	**	5	
	Molded Case Bkrs	30%			2027	\$3,600	5	\$100
	Molded Case Bkrs	60%			2053	**	5	\$100
Wiring								
	Braided Cloth	30%	2-4	\$2,200	2053	**	1	
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
	Thermoplastic	20%			2028	\$1,700	1	
	Thermoplastic	50%			2058	**	1	
Motor Controllers								
	Locally Mounted	100%			2026	\$7,300	5	\$100
Ground								
Grounding Devices								
	Generic	100%			LIFE	**	5	\$100
Lighting								
Interior Lighting								
	Fluorescent	40%			2023	\$26,000	10	\$10,700
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
	Fluorescent	50%			2038	**	10	\$13,400
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
	LED	10%			2038	**		
Egress Lighting								
	Emergency, Battery	50%			2038	**	10	\$3,500
	Exit, Service	50%			2038	**	1	
Exterior Lighting								
	HID	50%			2038	**	10	
	LED	50%			2038	**		
Alarm								
Fire/Smoke Detection								
	Generic, Digital	100%			2038	**	1-3	\$5,200

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Heating								
Energy Source								
	Fuel Oil No 2	100%			2028	\$54,200	5	\$9,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : 190 Gallons One Tank</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Steam Boiler	100%			2048	**	1	\$28,800	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit.</i>								
Distribution Central Plant Steam Piping/Pmp	100%			2054	**	4	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Repair.</i>								
Terminal Devices Convactor/Radiator	80%			2045	**	1	\$7,500	
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Repair.</i>								
Fan Coil Unit/Heat	20%			2033	**	1	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Repair.</i>								
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2036	**	1		
Conversion Equipment Window/Wall Unit	20%			2023		1	\$11,600	
No Component	80%							
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	40%			2038	**	1		
Galvanized Steel	60%	0-2	\$14,700	2033	**	1		
<i>Corroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Water Main And Pipes In Basement</i>								
Water Heater Electric	20%			2028	\$4,900	4	\$100	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two Units 80 Gallons, 60 Gallons</i>								
No Component	80%							
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%			2033	**	4	\$300	
Fixtures Generic	100%							

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX **Agency's Number** : X092-10  
**Program / Asset #** : PAR0077.040 / 242 **Yr Built/Renovated** : 1748 / 1995  
**Area Sq Ft** : 11,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Oct-2016 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2,ATT  
**Block** : 5900 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Electrical	\$97,000	\$208,700
Mechanical	\$86,100	\$282,900
<b>Total</b>	<b>\$183,100</b>	<b>\$491,600</b>
Importance Code A		\$78,300
Importance Code B	\$183,100	\$413,300
<b>Total</b>	<b>\$183,100</b>	<b>\$491,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$106,000	\$9,700		\$9,800
Interior Architecture	\$36,500	\$11,600	\$400	\$700
Electrical	\$20,000	\$1,200	\$1,400	\$1,200
Mechanical	\$6,600	\$1,600	\$1,700	\$24,600
<b>Total</b>	<b>\$169,000</b>	<b>\$24,100</b>	<b>\$3,500</b>	<b>\$36,200</b>
Importance Code A	\$107,200	\$10,900	\$1,100	\$11,000
Importance Code B	\$49,300	\$13,100	\$2,400	\$25,200
Importance Code C	\$12,600	\$200		
<b>Total</b>	<b>\$169,000</b>	<b>\$24,100</b>	<b>\$3,500</b>	<b>\$36,200</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	10%	Now	\$24,600	LIFE	**	5	\$2,400	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Around Windows</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Around Windows And Chimney</i>								
<i>Repointing Failure, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North And East Facades - 1748 House</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Around Basement Windows</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Base Of Hearth - 1st Floor Fireplace</i>								
Masonry: Fieldstone	80%			LIFE	**	5	\$14,500	
Wood	10%			2033	**	5	\$12,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1917 Cottage</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Dormer</i>								
<i>Explanation : This Component Is Actually Wood Shingles</i>								
Windows								
Wood	65%			2036	**	5	\$19,500	
Wood	35%	Now	\$32,800	2053	**	5	\$5,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 1917 Cottage</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 1917 Cottage</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 1917 Cottage</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 1917 Cottage Dormers And Basement Windows At Assembly Space</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : 1917 Cottage And Basement Windows</i>								
<i>Explanation : Protective Metal Grilles</i>								

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Copper/Terne	12%			2043	**	10	\$3,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over 1748 Wing</i>								
<i>Explanation : Lead Coated</i>								
Panel/Paver: Cer/Brk	5%	Now	\$9,900	2058	**			
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Walkway Between 1748 House And 1917 Cottage Above Passage Tunnel</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Walkway Between 1748 House And 1917 Cottage Above Passage Tunnel</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Walkway Between 1748 House And 1917 Cottage Above Passage Tunnel</i>								
Slate	83%	Now	\$19,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Attic Dormers In Driving Rain - 1748 House And 1917 Cottage</i>								
Soffits								
Wood	100%	Now	\$18,900	2033	**	5	\$4,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Below Eaves</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Below Eaves</i>								
Interior								
Floors								
Ceramic Tile	5%			2037	**	5	\$900	
Sheet Vinyl/Rubber	5%			2033	**	5	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entry Vestibule - 1748 House</i>								
<i>Explanation : Specialty Floor Canvas</i>								
Slate	5%			LIFE	**	5	\$900	
Wood	15%	Now	\$23,900	2043	**	5	\$2,400	
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Attic, First Floor 1917 Cottage</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Attic, First Floor 1917 Cottage</i>								
Wood	70%			2031	**	5	\$22,800	

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	2%			2041	**	5	\$300	
Ceramic Tile	1%	Now	\$300	2031	**	5	\$100	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Base Of Hearth - 1st Floor Fireplace</i>								
Gypsum Board	15%			LIFE	**	5	\$1,500	
Masonry: Fieldstone	5%	Now	\$12,200	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Passage Tunnel Between 1748 House And 1917 Cottage</i>								
<i>Explanation : Water Penetration</i>								
Plaster	65%			LIFE	**	5	\$3,200	
Wood	12%			LIFE	**	5	\$7,900	
<b>Ceilings</b>								
Exposed Struc: Wood	5%			LIFE	**			
Exposed Struc: Wood	10%			LIFE	**			
Plaster	20%			LIFE	**	5	\$2,100	
Plaster	65%			LIFE	**	5	\$6,900	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Iron Picket	100%			2048	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Anchor Points For Posts - Front Gate And Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Pavers/Stone	95%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Actually Crushed Gravel</i>								
Pavers/Stone	5%			2031	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Walkway Leading To Entrance To Cottage</i>								
<i>Explanation : Side Patio</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$1,600	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 400 Amperes.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2028	\$36,000	5	\$100	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Main Bus Rated At 400 Amperes</i>						
<b>Raceway</b>								
Conduit	50%			2038	**	1		
Conduit	50%			2028	\$17,400	1		
<b>Panelboards</b>								
Fused Disc Sw	25%			2027	\$4,200	5	\$100	
Molded Case Bkrs	25%			2027	\$4,200	5	\$100	
Molded Case Bkrs	50%			2036	**	5	\$200	
<b>Wiring</b>								
Thermoplastic	100%			2038	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2026	\$33,600	5	\$100	
<b>Ground</b>								
Grounding Devices								
Generic	100%	0-2	\$10,600	LIFE	**	5	\$200	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Corroded</i>						
<b>Lighting</b>								
Interior Lighting								
Fluorescent	10%			2028	\$12,900	10	\$1,100	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Fluorescent	15%			2028	\$19,400	10	\$1,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Incandescent	75%			2023	\$97,000	2	\$200	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2028	\$8,700	10	\$1,400	
Exit, Service	50%			2028	\$900	1		
<b>Exterior Lighting</b>								
HID	80%			2028	\$39,000	10		
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 4 HID Light Fixtures Controlled By Timer Switch</i>						
Incandescent	20%	Now	\$8,300	2038	**	2		
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Outside / Under The Stairs</i>						
		<i>Explanation : Damage Fixtures, Missing Cover</i>						
<b>Alarm</b>								

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

<b>Electrical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Alarm**

Security System Generic	100%			2033	**	1	\$4,300	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Inside And Outside**Explanation : 12 CCTV Surveillance Cameras And Intrusion Alarm System.*

Fire/Smoke Detection Generic, Analog	100%			2028	\$133,700	1-3	\$7,200	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Alarm Bells, Manual Pull Stations And Smoke Detector*

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

Energy Source Fuel Oil No 2	100%			2038	**	5	\$3,600	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Outside Underground**Explanation : 1000 Gallons*

Conversion Equipment Steam Boiler	100%			2026	\$78,300	1	\$11,500	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 1 Unit*

Distribution Central Plant Steam Piping/Pmp	100%	Now	\$40,900	2028	\$204,700	4	\$600	
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*Insul. Deteriorating, Extent : Severe, Area Affected : 100%**Location : Throughout*

Terminal Devices Convactor/Radiator	90%			2033	**	1	\$3,400	
Fan Coil Unit/Heat	10%			2036	**	1	\$400	

*Other Observation, Extent : Light, Area Affected : 10%**Location : Herb In The Celler**Explanation : Electric Heating Unit***Air Conditioning**

Energy Source Electricity	100%			2036	**	1		
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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Conversion Equipment</b>								
	Interior Pkg Unit - Cooling	10%	Now	\$4,500	2022	\$45,200	2	\$100
		<i>Not in Service, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Basement</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : This Unit Is Not Connected</i>						
	Window/Wall Unit	10%			2023	\$2,500	1	
	No Component	80%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	10%			LIFE	**	2-5	\$600
	No Component	90%						
<b>Exhaust Fans</b>								
	Interior	10%	Now	\$400	2023	\$4,300	2	
		<i>Not in Service, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Basement</i>						
	No Component	90%						
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2038	**	1	
<b>Water Heater</b>								
	Electric	100%			2023	\$10,700	4	\$100
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Sewage Ejector(s)</b>								
	Electric	100%			2023	\$3,500	4	\$500
<b>Fixtures</b>								
	Generic	100%						
<b>Fire Suppression</b>								
<b>Sprinkler</b>								
	No Component	75%						
	Generic	25%			2038	**	1-2	\$800

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008  
**Address** : W. 240 STREET TO CITY LINE BDWAY TO JEROME AVE., E. 233 S  
**Borough** : BRONX **Agency's Number** : X092-08  
**Program / Asset #** : PAR0077.250 / 300 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 7,224 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 5900 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$1,966,900	\$193,500
Interior Architecture	\$733,600	
Electrical	\$73,800	
Mechanical		\$50,600
<b>Total</b>	<b>\$2,774,300</b>	<b>\$244,000</b>
Importance Code A	\$1,966,900	\$244,000
Importance Code B	\$503,300	
Importance Code C	\$304,100	
<b>Total</b>	<b>\$2,774,300</b>	<b>\$244,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$11,900			
Interior Architecture	\$55,000			
Electrical	\$46,800		\$100	\$6,700
Mechanical	\$2,800	\$6,800	\$1,000	\$1,900
<b>Total</b>	<b>\$116,600</b>	<b>\$6,800</b>	<b>\$1,000</b>	<b>\$8,600</b>
Importance Code A	\$12,300	\$300	\$400	\$400
Importance Code B	\$104,300	\$6,500	\$700	\$8,300
Importance Code C				
<b>Total</b>	<b>\$116,600</b>	<b>\$6,800</b>	<b>\$1,000</b>	<b>\$8,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**

**Asset # : 300**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	94%	Now	\$1,267,200	LIFE	**	5	\$110,100	1
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Glass Block	1%	Now	\$11,900	LIFE	**	5	\$100	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Both Ends Of Building</i>								
Metal Coiling Doors	5%	Now	\$67,800	2048	**	5	\$1,800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Fiberglass Panel	100%	Now	\$42,800	2053	**	5	\$1,500	1
<i>Air Infiltration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	75%	Now	\$209,600	LIFE	**	5	\$83,400	1
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Rail	25%	0-2	\$73,300	2048	**	5	\$19,100	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Cast in Place Concrete	100%	Now	\$306,200	LIFE	**			1
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Male And Female Lockers, Throughout</i>								

Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**

**Asset # : 300**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	50%	0-2	\$23,000	LIFE	**	5	\$11,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	15%	Now	\$32,100	2043	**	5	\$800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terrazzo	35%	Now	\$179,500	LIFE	**	5	\$3,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Mens Locker Room, Steps Throughout</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	20%	Now	\$162,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room, Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Plaster	65%	Now	\$67,000	LIFE	**	5	\$2,500	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Locker Rooms</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Locker Rooms, Throughout</i>								
SGFT/Glazed Masonry	15%	Now	\$74,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Concrete	50%	Now	\$177,500	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Plaster	50%	Now	\$72,400	LIFE	**	5	\$3,400	
<i>Water Penetration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 1st Floor</i>								
<i>Explanation : One 400 Ampere Main Disconnect Switch</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**

**Asset # : 300**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Fused Knife Sw	30%	Now	\$9,900	2058	**	5		
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room 1st Floor</i>								
Molded Case Bkrs	70%			2028	\$23,100	5	\$100	
<b>Raceway</b>								
Conduit	100%			2028	\$32,000	1		
<b>Panelboards</b>								
Fused Disc Sw	5%			2027	\$800	5		
Fused Toggle Switch	30%	Now	\$4,600	2053	**	5		
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Mechanical Room Basement</i>								
Molded Case Bkrs	65%			2027	\$9,900	5	\$100	
<b>Wiring</b>								
Braided Cloth	80%	Now	\$22,600	2053	**	1		
<i>Insulation Aged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	20%			2028	\$5,700	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2026	\$15,400	5		
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%	Now	\$9,700	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main Basement</i>								
<i>Explanation : Corroded</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	95%			2023	\$70,100	10	\$6,300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2023	\$3,700	10	\$300	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bath And Storage Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bath And Storage Room</i>								
<i>Explanation : Bulb Is CFL (New) But The Lighting Fixture Is Old</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	5%			2038	**	1		
Fuel Oil No 2	95%			2028	\$12,800	5	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**  
**Asset # : 300**

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>								
Conversion Equipment								
Hot Water Boiler	95%			2026	\$50,600	1	\$3,400	
	<i>Other Observation, Extent : Light, Area Affected : 95%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 2 Units</i>							
Radiant Heater	5%			2028	\$6,100	2	\$200	
<b>Distribution</b>								
Hot Wtr Piping/Pump	95%			2027	\$10,200	4	\$300	
No Component	5%							
<b>Terminal Devices</b>								
Air Handler	40%			2033	**	1	\$1,800	
Convactor/Radiator	30%			2026	\$11,100	1	\$700	
Fan Coil Unit/Heat	25%			2028	\$25,900	1	\$600	
No Component	5%							
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$2,000	
No Component	50%							
<b>Exhaust Fans</b>								
Interior	50%			2033	**	2	\$100	
No Component	50%							
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	30%			2028	\$15,400	1		
Galvanized Steel	70%	Now	\$2,100	2026	\$21,200	1		
	<i>Corroded, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Water Main And Connections</i>							
<b>Water Heater</b>								
Electric	100%			2021	\$6,100	4	\$100	
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Fixtures</b>								
Generic	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)  
 Address : LAFAYETTE, TOMPKINS, MARCY AVES.  
 Borough : BROOKLYN Agency's Number : B088-01  
 Program / Asset # : PAR0106.001 / 1170 Yr Built/Renovated : 1973 / 2008  
 Area Sq Ft : 12,000 Project Type : PARKS AND RECREATION  
 Date of Survey : 18-Jun-2015 Landmark Status : NONE  
 Areas Surveyed : Basement, Roof, Floors 1  
 Block : 1790 Lot : 1 BIN : 3049973

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$114,800	\$121,700
Interior Architecture	\$57,700	
Electrical		\$150,500
<b>Total</b>	<b>\$172,500</b>	<b>\$272,200</b>
Importance Code A	\$114,800	\$121,700
Importance Code B	\$57,700	\$150,500
<b>Total</b>	<b>\$172,500</b>	<b>\$272,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture				\$2,600
Interior Architecture	\$24,700		\$500	\$800
Electrical		\$18,700	\$100	
Mechanical	\$6,600	\$2,600	\$6,300	\$2,700
<b>Total</b>	<b>\$31,300</b>	<b>\$21,300</b>	<b>\$6,800</b>	<b>\$6,100</b>
Importance Code A	\$600	\$800	\$600	\$3,200
Importance Code B	\$25,700	\$20,600	\$6,200	\$3,000
Importance Code C	\$5,000			
<b>Total</b>	<b>\$31,300</b>	<b>\$21,300</b>	<b>\$6,800</b>	<b>\$6,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)**  
**Asset # : 1170**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	95%			LIFE	**	5	\$121,700	
Metal Coiling Doors	5%	Now	\$74,200	2046	**	5	\$2,000	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : 1st Floor Game Room</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 1st Floor Game Room</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 1st Floor Game Room</i>								
<hr/>								
<b>Windows</b>								
Aluminum	100%			2048	**	5	\$5,100	
<hr/>								
<b>Roof</b>								
Built-Up (BUR)	40%			2034	**	10	\$14,800	
Metal Panel	60%			2043	**	10	\$40,600	
<hr/>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	25%			LIFE	**	5	\$10,400	
Ceramic Tile	5%			2035	**	5	\$1,000	
Quarry Tile	5%	Now	\$8,400	2039	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	35%	Now	\$5,800	2021	\$57,700	3	\$2,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	20%			2034	**	3	\$1,400	
Wood	10%			2054	**	5	\$3,600	
<hr/>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2039	**	5	\$300	
Concrete Masonry Unit	60%	Now	\$3,500	LIFE	**	5	\$1,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement, Throughout Corridors And Boiler Room</i>								
Plaster	35%	Now	\$1,500	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Ceilings</b>								
Exposed Concrete	60%			LIFE	**	5	\$1,800	
Plaster	40%	2-4	\$5,100	LIFE	**	5	\$4,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)**  
**Asset # : 1170**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Service Equipment								
	Molded Case Bkrs	100%			2026	\$1,500	5	\$300
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One Electrical Service - No Available Rating</i>								
Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$33,000	5	\$300
Raceway								
	Conduit	80%			2026	\$25,600	1	
	Conduit	20%			2046	**	1	
Panelboards								
	Molded Case Bkrs	50%			2034	**	5	\$200
	Molded Case Bkrs	50%			2042	**	5	\$200
Wiring								
	Thermoplastic	80%			2026	\$22,600	1	
	Thermoplastic	20%			2046	**	1	
Motor Controllers								
	Locally Mounted	100%			2039	**	5	\$100
Ground								
Grounding Devices								
	Generic	100%			LIFE	**	5	\$200
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Main Water Pipe</i>								
Lighting								
Interior Lighting								
	Fluorescent	85%			2026	\$104,200	10	\$9,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8, T-12 Lamps</i>								
	Incandescent	15%			2021	\$18,400	2	
Egress Lighting								
	Emergency, Battery	20%			2026	\$3,300	10	\$600
	Exit, Service	80%			2026	\$1,400	1	
Exterior Lighting								
	HID	100%			2026	\$46,300	10	
Alarm								
Security System								
	No Component	95%						
	Generic	5%			2026	\$1,900	1	\$200

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

Heating

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPT. OF PARKS & RECREATION - 846**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER**  
**Asset # : 1170**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2052	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	**	1	\$5,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 - Hot Water Boiler</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2048	**	4	\$900	
Terminal Devices								
Air Handler	80%			2034	**	1	\$5,900	
Convactor/Radiator	20%			2031	**	1	\$800	
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2034	**	1	\$5,600	
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2052	**	4	\$900	
Terminal Devices								
Air Handler/Cool/Ht	100%			2034	**	1	\$7,400	
Heat Rejection								
Water Cooling Tower	100%			2030	**	2	\$12,100	
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,700	
Exhaust Fans								
Roof	100%			2026	\$19,000	2	\$400	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	20%			2052	**	1		
Galvanized Steel	80%			2039	**	1		
HW Heat Exchanger								
Steam Fired	100%	Now	\$900	2052	**	4	\$1,200	
<i>Unit Inoperable, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Defective Mixing Valve At Heat Exchanger</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2031	**	4	\$300	
Sewage Ejector(s)								
Electric	100%			2034	**	4	\$500	

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)**  
**Asset # : 1170**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Fixtures							
	Generic	100%						
Fire Suppression								
	Sprinkler							
	No Component	90%						
	Generic	10%			2036	**	1-2	\$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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : WEST BRONX RECREATION CENTER  
**Address** : 1527 JESUP AVENUE W172 ST AND CROSS BRONX EXPWY.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0155.000 / 13642 **Yr Built/Renovated** : 1999 /  
**Area Sq Ft** : 12,696 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2872 **Lot** : 126 **BIN** : 2824716

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture		\$46,700
Mechanical		\$90,500
<b>Total</b>		<b>\$137,200</b>
Importance Code A		\$46,700
Importance Code B		\$90,500
<b>Total</b>		<b>\$137,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$16,800		\$800	\$18,800
Interior Architecture	\$35,000		\$2,500	\$1,000
Electrical	\$1,100	\$900	\$1,400	\$900
Mechanical	\$6,100	\$1,100	\$2,000	\$1,100
Site Pavements	\$1,500			
<b>Total</b>	<b>\$60,400</b>	<b>\$2,000</b>	<b>\$6,700</b>	<b>\$21,800</b>
Importance Code A	\$17,400	\$600	\$1,400	\$19,500
Importance Code B	\$39,400	\$1,400	\$5,200	\$2,400
Importance Code C	\$3,600			
<b>Total</b>	<b>\$60,400</b>	<b>\$2,000</b>	<b>\$6,700</b>	<b>\$21,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	**	5	\$5,100	
Concrete Masonry Unit	73%			LIFE	**	5	\$23,400	
Fiberglass Panel	20%			2038	**	5	\$19,200	
Metal Coiling Doors	2%			2042	**	5	\$1,600	
Window Wall	3%			2049	**	5	\$2,900	
Windows								
Aluminum	98%			2045	**	5	\$5,000	
Metal Louvers	2%			2038	**	10	\$600	
Parapets								
Not Accessible	100%							
Roof								
Metal, Corrugated	70%			2042	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Gabled Roof</i>								
<i>Explanation : Inaccessible At The Time Of Survey</i>								
Roll Roofing	30%			2028	\$46,700	5	\$18,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Flat Roof Area</i>								
<i>Explanation : Inaccessible At The Time Of Survey</i>								
Soffits								
Metal Panel	100%			2049	**	5-10		
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$4,200	
Ceramic Tile	10%			2038	**	5	\$1,900	
Sheet Vinyl/Rubber	60%			2034	**	5	\$17,100	
Vinyl Tile	25%			2034	**	3	\$1,800	
Interior Walls								
Concrete Masonry Unit	90%			LIFE	**	5	\$3,700	
SGFT/Glazed Masonry	10%			LIFE	**	10	\$300	
Ceilings								
AcousTileSusp.Lay-In	20%			2042	**	5	\$3,800	
Exposed Struc: Steel	70%			LIFE	**	10	\$26,600	
Gypsum Board	10%			LIFE	**	5-10	\$6,500	
Site Enclosure								
Fence/Gates								
Chain Link	80%			2049	**			
Iron Picket	20%			2064	**			
Retaining Walls								
Cast in Place Concrete	100%			2064	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2034	**			

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.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Site Pavements

## On-Site Walkways

Cast in Place Concrete	90%	2-4	\$1,500	2042		**		
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*Cracking/Crumbling, Extent : Light, Area Affected : 2%**Location : Stairs At Entry Area*

Pavers/Stone	10%			2038		**		
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## Parking/Driveway

Cast in Place Concrete	100%			2034		**		
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## Activity Yard

Traffic Topping	100%			2034		**		
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Ballfield**Explanation : This Is Actually Artificial Grass*

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2049	**	5	\$100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical - Mechanical Room**Explanation : One 400 Ampere Main Disconnect Switch*

## Switchgear / Switchboard

Molded Case Bkrs	100%			2049	**	5	\$300	
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## Raceway

Conduit	100%			2049	**	1		
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## Panelboards

Molded Case Bkrs	100%			2037	**	5	\$300	
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## Wiring

Thermoplastic	100%			2049	**	1		
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## Motor Controllers

Locally Mounted	100%			2042	**	5	\$100	
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## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$400	
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## Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Lighting**

## Interior Lighting

Fluorescent	65%			2034	**	10	\$7,600	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : T-8 Lamps*

Fluorescent	5%			2034	**	10	\$600	
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*T-5 Lamps And Fixtures, Extent : Light, Area Affected : 5%**Location : Lobby*

HID	30%			2034	**	10	\$100	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Gymnasium**Explanation : Mercury*

## Egress Lighting

Emergency, Battery	50%			2034	**	10	\$1,500	
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Exit, Service	50%			2034	**	1		
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## Exterior Lighting

HID	20%			2034	**	10		
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No Component	80%							
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**Alarm**

## Security System

No Component	50%							
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Generic	50%			2034	**	1	\$2,400	
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## Fire/Smoke Detection

Generic, Analog	100%			2034	**	1-3	\$7,800	
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<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Heating**

## Energy Source

Natural Gas	100%			2049	**	1		
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## Conversion Equipment

Hot Water Boiler	100%			2034	**	1	\$6,300	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor Boiler Room**Explanation : 1 Unit*

## Distribution

Hot Wtr Piping/Pump	100%	Now	\$900	2037	**	4	\$600	
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*Leak Evident, Extent : Moderate, Area Affected : 20%**Location : Mechanical Room At Pumps*

## Terminal Devices

Convactor/Radiator	80%			2034	**	1	\$3,300	
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Unit Heater - Hot Water	20%			2029	\$9,100			
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**Air Conditioning**

## Energy Source

Electricity	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.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2029	\$29,500	2	\$200	
No Component	70%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,200	
Exhaust Fans								
Roof	100%			2029	\$20,100	2	\$400	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2029	\$90,500	1		
Water Heater								
Gas Fired	100%			2024	\$7,400	2	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 40 Gallons</i>								
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Fixtures</b>								
Generic	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.  
**Address** : 3225 RESERVOIR OVAL EAST AND BAINBRIDGE AVE.  
**Borough** : BRONX **Agency's Number** : X104-02A  
**Program / Asset #** : PAR0078.02A / 2676 **Yr Built/Renovated** : 1974 / 2013  
**Area Sq Ft** : 11,294 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 3343 **Lot** : 400 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$65,200	
<b>Total</b>	<b>\$65,200</b>	
Importance Code A	\$65,200	
<b>Total</b>	<b>\$65,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$51,300		\$7,800	
Interior Architecture	\$36,800		\$3,100	\$1,300
Electrical	\$700	\$500	\$600	\$500
Mechanical	\$1,600	\$1,600	\$1,700	\$1,600
Site Enclosure	\$1,800			
Site Pavements	\$2,700			
<b>Total</b>	<b>\$94,900</b>	<b>\$2,100</b>	<b>\$13,100</b>	<b>\$3,400</b>
Importance Code A	\$52,400	\$1,100	\$8,900	\$1,100
Importance Code B	\$12,700	\$1,000	\$4,200	\$1,400
Importance Code C	\$29,900			\$900
<b>Total</b>	<b>\$94,900</b>	<b>\$2,100</b>	<b>\$13,100</b>	<b>\$3,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.**

**Asset # : 2676**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	95%	4+	\$65,200	LIFE	**	5	\$20,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Over 1st Floor Windows On South Elevation</i>								
Metal Sect. OHD	3%			2042	**	5	\$2,700	
Pre-Cast Concrete	2%			LIFE	**	5	\$3,700	
Windows								
Aluminum	98%			2045	**	5	\$2,500	
Metal Louvers	2%			2038	**	10	\$300	
Parapets								
Masonry: Brick Cavity	40%			LIFE	**	5-10	\$15,100	
Masonry: Granite	50%			LIFE	**	5-10	\$38,100	
Metal Rail	10%			2042	**	5-10	\$10,000	
Roof								
IRMA/Protected Membrane	60%			2034	**	10	\$11,400	
<i>Paver Block Ballast, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Over 1st Floor</i>								
Not Accessible	40%							
Soffits								
Masonry: Granite	75%			LIFE	**	5	\$1,400	
Stucco Cement	25%			2042	**	5	\$800	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,700	
Ceramic Tile	5%			2038	**	5	\$800	
Cork Tile	10%			2039	**	5	\$1,500	
Quarry Tile	20%			2042	**	5	\$5,100	
Sheet Vinyl/Rubber	25%			2034	**	5	\$6,300	
Terrazzo	10%			LIFE	**	5	\$2,600	
Vinyl Tile	25%			2034	**	3	\$1,600	
Interior Walls								
Cast in Place Concrete	10%	Now	\$11,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Areaway Walls On South Side Of Building</i>								
Ceramic Tile	5%			2038	**	5	\$1,800	
Concrete Masonry Unit	10%	Now	\$1,700	LIFE	**	5	\$1,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Gas Meter Room</i>								
Gypsum Board	5%			LIFE	**	5-10	\$3,100	
Masonry: Brick	20%			LIFE	**	10	\$2,200	
Plaster	25%			LIFE	**	5-10	\$7,700	
SGFT/Glazed Masonry	25%			LIFE	**	10	\$4,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.**

**Asset # : 2676**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Interior**

**Ceilings**

Gypsum Board	10%			LIFE	**	5-10	\$4,900	
Plaster	90%	Now	\$3,400	LIFE	**	5	\$8,000	

*Cracking/Crumbling, Extent : Light, Area Affected : 2%*

*Location : Various Areas On 1st Floor And 2nd Floor*

*Water Penetration, Extent : Moderate, Area Affected : 2%*

*Location : Window Heads Located At South Elevation, 1st Floor*

**Site Enclosure**

**Free Standing Walls**

Masonry: Fieldstone	100%			2049	**			
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Adjacent To Exterior Stairs*

*Explanation : This Is Actually Granite*

**Retaining Walls**

Masonry: Fieldstone	100%	4+	\$1,800	2049	**			
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*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%*

*Location : Planter Copings*

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Planters*

*Explanation : This Is Actually Granite*

**Site Pavements**

**On-Site Walkways**

Cast in Place Concrete	5%			2034	**			
Masonry: Granite	15%	4+	\$2,700	LIFE	**			

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%*

*Location : Steps At North And South Entry Areas*

Pavers/Stone	80%			2038	**			
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<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

**Under 600 Volts**

**Service Equipment**

Not Accessible	100%							
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**Switchgear / Switchboard**

Not Accessible	100%							
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**Raceway**

Conduit	100%			2049	**	1		
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**Panelboards**

Molded Case Bkrs	100%			2045	**	5	\$300	
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**Wiring**

Thermoplastic	100%			2049	**	1		
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**Motor Controllers**

Locally Mounted	100%			2034	**	5	\$100	
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**Ground**

*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.*

**DEPT. OF PARKS & RECREATION - 846**  
**WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.**

**Asset # : 2676**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting Fluorescent	95%			2034	**	10	\$9,800	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2034	**	10	\$500	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Hallways</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2034	**	10	\$1,400	
Exit, Battery	50%			2034	**	10	\$400	
<b>Exterior Lighting</b>								
HID	50%			2034	**	10		
No Component	50%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							
Generic	50%			2034	**	1	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Surveillance Cameras</i>								
<b>Fire/Smoke Detection</b>								
No Component	50%							
Generic, Digital	50%			2034	**	1-3	\$3,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Smoke Detector, Manual Pull Stations, Horns, Strobe Lights And Alarm Bells</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2049	**	1		
Conversion Equipment Steam Boiler	100%			2042	**	1	\$11,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution Steam Piping/Pump	100%			2039	**			
Terminal Devices Convactor/Radiator	100%			2042	**	1	\$3,700	
<b>Air Conditioning</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.**

**Asset # : 2676**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2037	**	1		
	Conversion Equipment							
	Split Unit	100%		2034	**			
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	60%		2039	**	1		
	Galvanized Steel	40%		2034	**	1		
	Water Heater							
	Electric	100%		2024	\$9,500	4	\$100	
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	**	1		
	Sump Pump(s)							
	Non-Submersible	100%		2034	**	4	\$200	
	Backflow Preventer							
	Generic	100%		2034	**	1	\$700	
	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.*

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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : WILLOWBROOK PARK ADMIN, COMFORT STATION & STORAGE  
 Address : RICHMOND AVE AND ETON PLACE  
 Borough : STATEN ISLAND Agency's Number : R030-010  
 Program / Asset # : PAR0016.010 / 1150 Yr Built/Renovated : 1932 /  
 Area Sq Ft : 6,042 Project Type : PARKS AND RECREATION  
 Date of Survey : 02-Sep-2015 Landmark Status : NONE  
 Areas Surveyed : Roof, Floors 1  
 Block : 2030 Lot : 182 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$127,400	
Interior Architecture	\$52,800	
Mechanical		\$43,200
<b>Total</b>	<b>\$180,200</b>	<b>\$43,200</b>
Importance Code A	\$127,400	
Importance Code B	\$52,800	\$43,200
<b>Total</b>	<b>\$180,200</b>	<b>\$43,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$65,400			\$3,300
Interior Architecture	\$28,700	\$500		
Electrical	\$100		\$100	
Mechanical	\$500	\$500	\$5,600	\$600
<b>Total</b>	<b>\$94,700</b>	<b>\$1,000</b>	<b>\$5,700</b>	<b>\$3,900</b>
Importance Code A	\$65,700	\$300	\$400	\$3,600
Importance Code B	\$10,100	\$200	\$5,300	\$300
Importance Code C	\$18,900	\$500		
<b>Total</b>	<b>\$94,700</b>	<b>\$1,000</b>	<b>\$5,700</b>	<b>\$3,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLOWBROOK PARK ADMIN, COMFORT STATION & STORAGE**  
**Asset # : 1150**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Fieldstone	5%	Now	\$5,900	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wood	95%	Now	\$33,900	2032	**	5	\$15,800	
<i>Split/Cracked, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Wood	100%	Now	\$25,400	2052	**	5	\$4,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Roll Roofing	10%	0-2	\$300	2023	\$3,300	5	\$600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wood Shingles	90%	Now	\$127,400	2042	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Terrazzo	20%			LIFE	**	5	\$300	
Wood	80%	2-4	\$52,800	2067	**	5	\$1,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Ceramic Tile	10%			2036	**	5	\$1,000	
Gypsum Board	5%	Now	\$100	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Fieldstone	2%			LIFE	**			
Wood	83%	Now	\$18,800	LIFE	**	5	\$33,100	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Flaherty, Christine</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLOWBROOK PARK ADMIN, COMFORT STATION & STORAGE**  
**Asset # : 1150**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Interior

## Ceilings

Exposed Struc: Wood

75% Now \$9,400 LIFE \*\*

*Cracking/Crumbling, Extent : Light, Area Affected : 10%**Location : Throughout**Water Penetration, Extent : Light, Area Affected : 10%**Location : Throughout*

Fiber Board

5% 2027 \$700

Gypsum Board

20% Now \$400 LIFE \*\* 5 \$500

*Cracking/Crumbling, Extent : Light, Area Affected : 10%**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	Priority

## Under 600 Volts

## Service Equipment

Molded Case Bkrs

100% 2037 \*\* 5 \$200

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 200 Ampere Main Disconnect Switch*

## Raceway

Conduit

100% 2037 \*\* 1

## Panelboards

Molded Case Bkrs

100% 2035 \*\* 5 \$200

## Wiring

Thermoplastic

100% 2037 \*\* 1

## Motor Controllers

Locally Mounted

100% 2032 \*\* 5

## Ground

## Grounding Devices

Generic

100% LIFE \*\* 5 \$100

## Lighting

## Interior Lighting

Fluorescent

100% 2027 \$13,500 10 \$5,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : T-12 Lamps*

## Egress Lighting

Emergency, Battery

50% 2027 \$4,200 10 \$700

Exit, Service

50% 2027 \$800 1

## Exterior Lighting

HID

100% 2027 \$23,300 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.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLOWBROOK PARK ADMIN, COMFORT STATION & STORAGE**  
**Asset # : 1150**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	**	1	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : One Unit</i>								
Distribution								
Hot Wtr Piping/Pump	75%			2035	**	4	\$200	
No Component	25%							
Terminal Devices								
Convactor/Radiator	50%			2032	**	1	\$1,000	
Fan Coil Unit/Heat	25%			2027	\$21,600	1	\$500	
Fan Coil Unit/Heat	25%			2027	\$21,600	1	\$500	
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Workroom</i>								
<i>Explanation : Gas Fired</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Window/Wall Unit	25%			2025	\$3,000	1		
No Component	75%							
<b>Ventilation</b>								
Exhaust Fans								
Roof	50%			2027	\$4,800	2	\$100	
No Component	50%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2037	**	1		
Water Heater								
Electric	100%			2022	\$5,100	4		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ceiling Mounted</i>								
<i>Explanation : One Unit, Instant Heating</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : WILLOWBROOK PARK CAROUSEL FOR ALL CHILDREN  
**Address** : RICHMOND AVE. AND ETON PLACE  
**Borough** : STATEN ISLAND **Agency's Number** : R030-020  
**Program / Asset #** : PAR0016.020 / 4500 **Yr Built/Renovated** : 1999 /  
**Area Sq Ft** : 5,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2030 **Lot** : 182 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Exterior Architecture	\$38,800	
<b>Total</b>	<b>\$38,800</b>	
Importance Code A	\$38,800	
<b>Total</b>	<b>\$38,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Exterior Architecture	\$13,800			
Interior Architecture	\$900			
Electrical	\$200	\$100	\$100	\$100
<b>Total</b>	<b>\$14,800</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>
Importance Code A	\$13,800			
Importance Code B	\$900	\$100	\$100	\$100
Importance Code C	\$100			
<b>Total</b>	<b>\$14,800</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**WILLOWBROOK PARK CAROUSEL FOR ALL CHILDREN**  
**Asset # : 4500**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	**	5	\$2,200	
Concrete Masonry Unit	7%			LIFE	**	5	\$700	
Metal Coiling Doors	90%	Now	\$38,800	2040	**	5	\$20,900	
<i>Unit Inoperable, Extent : Light, Area Affected : 25%</i>								
<i>Location : Doors 3 And 7</i>								
<b>Windows</b>								
Aluminum	100%	4+	\$1,000	2043	**	5	\$600	
<i>Air Infiltration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Metal Panel	100%	Now	\$12,900	2040	**			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$15,300	
Wood	10%			2055	**	5	\$1,500	
<b>Interior Walls</b>								
Concrete Masonry Unit	90%			LIFE	**	5	\$1,000	
Steel Plate	10%	4+	\$100	LIFE	**	5	\$200	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Struc: Steel	100%			LIFE	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2037	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amperes Main Disconnect Switch</i>								
<b>Raceway</b>								
Conduit	100%			2037	**	1		
<b>Panelboards</b>								
Fused Disc Sw	10%			2035	**	5		
Molded Case Bkrs	90%			2035	**	5	\$100	
<b>Wiring</b>								
Thermoplastic	100%			2037	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2032	**	5		
<b>Ground</b>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLOWBROOK PARK CAROUSEL FOR ALL CHILDREN**  
**Asset # : 4500**

<b>Electrical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Ground</b>								
Grounding Devices Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting Fluorescent	30%			2027	\$3,500	10	\$1,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-12 Lamps</i>						
Incandescent	70%			2027	\$19,400	2	\$100	
Egress Lighting Exit, Service	100%			2027	\$1,400	1		
Exterior Lighting HID	100%			2027	\$20,000	10		
<b>Alarm</b>								
Fire/Smoke Detection No Component	70%							
Generic, Analog	30%			2027	\$16,500	1-3	\$1,000	

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : WYCKOFF FARMHOUSE MUSEUM  
**Address** : 5816 CLARENDON RD @ RALPH AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0180.000 / 4532 **Yr Built/Renovated** : 1652 / 2015  
**Area Sq Ft** : 4,045 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Jul-2015 **Landmark Status** : INTERIOR & EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,att  
**Block** : 7917 **Lot** : 9 **BIN** : 3811007

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Exterior Architecture	\$362,400	
Interior Architecture	\$55,500	\$37,100
Mechanical		\$59,300
<b>Total</b>	<b>\$417,900</b>	<b>\$96,400</b>
Importance Code A	\$362,400	
Importance Code B	\$55,500	\$96,400
<b>Total</b>	<b>\$417,900</b>	<b>\$96,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Exterior Architecture	\$9,800			
Interior Architecture	\$16,100			
Electrical	\$100	\$2,700	\$100	\$100
Mechanical	\$500	\$300	\$600	\$300
<b>Total</b>	<b>\$26,400</b>	<b>\$2,900</b>	<b>\$600</b>	<b>\$300</b>
Importance Code A	\$9,800			
Importance Code B	\$4,500	\$2,900	\$600	\$300
Importance Code C	\$12,200			
<b>Total</b>	<b>\$26,400</b>	<b>\$2,900</b>	<b>\$600</b>	<b>\$300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**WYCKOFF FARMHOUSE MUSEUM**  
**Asset # : 4532**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	5%			LIFE	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chimneys</i>								
Wood	65%	Now	\$273,100	2046	**	5	\$9,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Facade</i>								
<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Insul Deter/Miss, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Exterior Shell</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Facade At Attic Vent</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Facade At Attic Vent And At Sprung Eaves</i>								
<i>Explanation : Squirrel Damage</i>								
Wood	30%			2039	**	5	\$8,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
<i>Explanation : Caretaker's Residence - Siding Replace In 2008</i>								
Windows								
Wood	100%	Now	\$9,800	2042	**	5	\$2,300	
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Historically Replicated Sashes Dont Seat Properly</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Hardware Missing, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Historically Replicated Sashes Dont Seat Properly</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Windows</i>								
<i>Explanation : Historically Replicated Windows. Wood Shudders In Good Condition</i>								

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**DEPT. OF PARKS & RECREATION - 846**  
**WYCKOFF FARMHOUSE MUSEUM**  
**Asset # : 4532**

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Exterior</b>									
<b>Roof</b>									
Wood Shingles	100%	Now	\$89,300	2041	**				1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>									
<i>Location : Throughout</i>									
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 35%</i>									
<i>Location : Original Structure And Caretaker's Addition</i>									
<i>Vegetation Growth, Extent : Severe, Area Affected : 30%</i>									
<i>Location : Original Structure And Caretaker Room</i>									
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>									
<i>Location : Above Archive Room In Attic And At Sprung Eves</i>									
<b>Interior</b>									
<b>Floors</b>									
Wood	100%	4+	\$55,500	2054	**	5	\$5,700		
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Various Locations, First Floor</i>									
<b>Interior Walls</b>									
Gypsum Board	5%			LIFE	**	5	\$100		
Plaster	65%			LIFE	**	5	\$500		
Plaster	30%	Now	\$12,200	LIFE	**	5	\$200		
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<b>Ceilings</b>									
Plaster	20%	Now	\$4,000	LIFE	**	5	\$800		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Throughout</i>									
Wood	70%			LIFE	**	5	\$37,100		
Not Accessible	10%								

<b>Electrical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Under 600 Volts</b>									
<b>Service Equipment</b>									
Fused Disc Sw	100%			2036	**	5			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : Main Service Switch Rated At 400 Amperes</i>									
<b>Raceway</b>									
Conduit	100%			2036	**	1			
<b>Panelboards</b>									
Molded Case Bkrs	90%			2034	**	5	\$100		
Molded Case Bkrs	10%			2034	**	5			

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**DEPT. OF PARKS & RECREATION - 846**  
**WYCKOFF FARMHOUSE MUSEUM**  
**Asset # : 4532**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Under 600 Volts								
Wiring								
	Thermoplastic	100%			2036	**	1	
Ground								
Grounding Devices								
	Not Accessible	100%						
Lighting								
Interior Lighting								
	Fluorescent	5%			2021	\$500	10	\$200
				<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Hallways And Basement</i>				
	Incandescent	5%			2021	\$1,200	2	
	No Component	90%						
Exterior Lighting								
	Fluorescent	5%			2021	\$700	10	
				<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Outside</i>				
	No Component	95%						
Alarm								
Security System								
	No Component	80%						
	Generic	20%			2026	\$2,700	1	\$300
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Hallways</i>				
				<i>Explanation : Intrusion Alarm Only, Motion Sensors</i>				
Fire/Smoke Detection								
	No Component	80%						
	Generic, Analog	20%			2026	\$9,300	1-3	\$500
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Hallway And Basement</i>				
				<i>Explanation : Smoke Detectors</i>				

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Heating								
Energy Source								
	Electricity	100%			2046	**	1	
Conversion Equipment								
	Under Construction	100%						
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,300
Terminal Devices								
	Air Handler	100%			2026	\$59,300	1	\$2,500
Air Conditioning								
Energy Source								
	Electricity	100%			2042	**	1	

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**WYCKOFF FARMHOUSE MUSEUM**  
**Asset # : 4532**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Ventilation</b>								
	Exhaust Fans							
	Interior	20%			2026	\$3,000	2	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Kitchen And Bath</i>					
			<i>Explanation : Ceiling Fans Serving Kitchen And Bath</i>					
	No Component	80%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%			2046	**	1	
	Water Heater							
	Electric	100%			2024	\$3,700	4	
	Sanitary Piping							
	Cast Iron	100%			LIFE	**	1	
	Sump Pump(s)							
	Submersible	100%			2020	\$100	4	\$100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Could Not Verify The Existence Of The Sump Pump</i>					
			<i>Explanation : May Be Outside The Building</i>					
	Backflow Preventer							
	No Component	90%						
	Generic	10%			2034	**	1	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Serves Yard Hydrants Only</i>					
	Fixtures							
	Generic	100%						

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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CARL SCHURZ PARK STONE ARCH BRIDGE  
**Address** : E 87TH AND EAST END AVE.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0050.005 / 14066 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 1,462 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Aug-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$37,800			\$13,900
<b>Total</b>	<b>\$37,800</b>			<b>\$13,900</b>
Importance Code A	\$24,600			\$300
Importance Code B	\$1,500			\$500
Importance Code C	\$11,700			\$13,100
<b>Total</b>	<b>\$37,800</b>			<b>\$13,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK STONE ARCH BRIDGE**

**Asset # : 14066**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Brick Pavers</i>					
Stem (breastwall)								
Masonry: Granite	100%	4+	\$1,500	LIFE	**	3-5	\$1,500	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South Wall</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$34,000	
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Earth	100%			LIFE	**	5	\$800	
Approaches								
Pavement								
Asphalt	100%	4+	\$9,900	2028	\$24,700			
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Both Approaches To The Structure</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Both Approaches To The Structure</i>					
			<i>Explanation : Uneven Surface</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	10%			LIFE	**			
Schist/Gneiss	90%	4+	\$1,500	LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Erosion</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK STONE ARCH BRIDGE**  
**Asset # : 14066**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
Deck Elements								
Railings/Parapets								
Granite	10%	4+	\$2,200	LIFE	**			
<i>Joints Missing, Extent : Light, Area Affected : 20%</i>								
<i>Location : Between And Underneath Coping Stones In Both Parapets</i>								
Schist/Gneiss	90%	4+	\$6,500	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken / Missing Joint Mortar</i>								
Wearing Surface								
Asphalt	100%	4+	\$1,800	2031	**	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$8,500	
Superstructure								
Primary Member								
Concrete	90%	4+	\$9,800	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Transverse Crack At Northern End, Southern End Of Arch Near East Fascia</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Center Of Arch</i>								
Masonry: Granite	10%	4+	\$4,600	LIFE	**	3-5	\$1,000	
<i>Efflorescence, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Underside Of Granite</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Underside Of Arch Along Fascia</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK 110TH ST. ARCH BIN#: 2-24643-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 110TH ST. AND CPW (MONTCLIFF)  
**Borough** : MANHATTAN **Agency's Number** : M010-239  
**Program / Asset #** : PAR0018.S50 / 2675 **Yr Built/Renovated** : 1890 / 1920  
**Area Sq Ft** : 5,980 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246430

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$303,400
<b>Total</b>		<b>\$303,400</b>
Importance Code A		\$179,600
Importance Code C		\$123,800
<b>Total</b>		<b>\$303,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$83,400			\$36,800
<b>Total</b>	<b>\$83,400</b>			<b>\$36,800</b>
Importance Code A	\$26,000			
Importance Code B	\$29,800			\$20,600
Importance Code C	\$27,600			\$16,200
<b>Total</b>	<b>\$83,400</b>			<b>\$36,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 110TH ST. ARCH BIN#: 2-24643-0**  
**Asset # : 2675**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brownstone	100%	4+	\$26,500	LIFE	**	3-5	\$66,200	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Limestone	100%			LIFE	**	3-5	\$51,800	
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$9,800	
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$2,500	2024	\$123,800			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracking</i>								
Curbs								
Concrete	100%	4+	\$3,300	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	65%			LIFE	**			
Riprap	35%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	80%			LIFE	**			
Steel	20%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 110TH ST. ARCH BIN#: 2-24643-0**  
**Asset # : 2675**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Sidewalks								
Cobblestone	100%	Now	\$20,600	LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%	4+	\$600	2036		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout Joints</i>								
<i>Explanation : Vegetation Growth</i>								
<hr/>								
Railings/Parapets								
Brownstone/Sandstone	80%			LIFE		**		
Steel	20%			LIFE		**		
<hr/>								
Sidewalks								
Cobblestone	100%	Now	\$2,200	2036		**	5	\$700
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Between Cobblestones</i>								
<i>Explanation : Vegetation Growth</i>								
<hr/>								
Wearing Surface								
Asphalt	100%	4+	\$2,400	2024	\$11,900		5	\$200
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Fascias								
Brownstone/Sandstone	100%			LIFE		**		
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Masonry: Brick	60%	4+	\$10,800	2024	\$107,800			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Between Girders</i>								
<i>Explanation : Masonry Brick Jack Arches Support The Deck With Broken/ Missing Elements And Efflorescence</i>								
Masonry: Brick	40%			2024	\$71,800			
<hr/>								
Joints								
Not Accessible	100%							
<hr/>								
Primary Member								
Steel	100%	4+	\$11,400	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout The Visible Portion Of Bottom Flanges</i>								
<i>Explanation : Rust</i>								
<hr/>								
Secondary Member								
Steel	100%	4+	\$3,300	LIFE		**	4-8	\$18,100
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 110TH ST. ARCH BIN#: 2-24643-0**  
**Asset # : 2675**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

<b>Asset Name</b>	: CENTRAL PARK 73 RD ST PED BRIDGE - BOW BRIDGE		
<b>Address</b>	: 73RD STREET OVER THE LAKE		
<b>Borough</b>	: MANHATTAN	<b>Agency's Number</b>	: M010-116
<b>Program / Asset #</b>	: PAR0018.S32 / 155	<b>Yr Built/Renovated</b>	: 1859 / 1974
<b>Area Sq Ft</b>	: 1,980	<b>Project Type</b>	: PARKS AND RECREATION
<b>Date of Survey</b>	: 14-Sep-2015	<b>Landmark Status</b>	: SCENIC LANDMARK
<b>Areas Surveyed</b>	:		
<b>Block</b>	:	<b>Lot</b>	:
		<b>BIN</b>	: 2246160

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$27,200
<b>Total</b>		<b>\$27,200</b>
Importance Code B		\$27,200
<b>Total</b>		<b>\$27,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$15,200			
<b>Total</b>	<b>\$15,200</b>			
Importance Code A				
Importance Code B	\$1,500			
Importance Code C	\$13,700			
<b>Total</b>	<b>\$15,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 73 RD ST PED BRIDGE - BOW BRIDGE**

**Asset # : 155**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%	4+	\$1,500	LIFE			**	
			<i>Efflorescence, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	60%	4+	\$10,500	LIFE			**	
			<i>Joints Missing, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 25%</i>					
			<i>Location : At Northwest Corner</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>					
			<i>Location : At Northwest Corner</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence</i>					
Brownstone/Sandstone	40%			LIFE			**	
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE		**	5	\$300
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**	5	\$6,600
Approaches								
Pavement								
Asphalt	100%			2028	\$4,800			
Embankment								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 73 RD ST PED BRIDGE - BOW BRIDGE**

**Asset # : 155**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Railings/Parapets								
Cast Iron	100%			LIFE	**			
<b>Deck Elements</b>								
Railings/Parapets								
Cast Iron	100%			LIFE	**			
Wearing Surface								
Wood Deck	100%			2030	**	5	\$6,500	
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**			
Secondary Member								
Steel	100%			LIFE	**	4-8	\$226,600	

*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.*

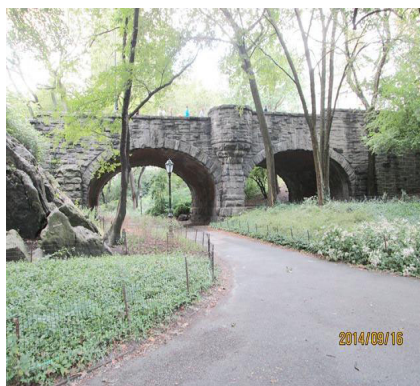
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK ANDRESKI BRIDGE/77 ST STONE ARCH  
**Address** : CENTRAL PARK WEST 77TH ST. AND CPW  
**Borough** : MANHATTAN **Agency's Number** : M010-127  
**Program / Asset #** : PAR0018.S56 / 3028 **Yr Built/Renovated** : 1860 /  
**Area Sq Ft** : 6,020 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246460

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$242,500	\$88,600
<b>Total</b>	<b>\$242,500</b>	<b>\$88,600</b>
Importance Code A		\$39,700
Importance Code B	\$242,500	
Importance Code C		\$48,900
<b>Total</b>	<b>\$242,500</b>	<b>\$88,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$9,400	\$9,500		\$32,700
<b>Total</b>	<b>\$9,400</b>	<b>\$9,500</b>		<b>\$32,700</b>
Importance Code A	\$3,100			
Importance Code B				\$10,500
Importance Code C	\$6,300	\$9,500		\$22,200
<b>Total</b>	<b>\$9,400</b>	<b>\$9,500</b>		<b>\$32,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ANDRESKI BRIDGE/77 ST STONE ARCH**

**Asset # : 3028**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$43,000	
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$39,700	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%			2027	\$48,900			
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracking</i>					
Curbs								
Concrete	100%	4+	\$1,000	LIFE	**			
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	50%			LIFE	**			
Riprap	50%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2029	\$22,500	5	\$1,100	
Sidewalks								
Asphalt	100%	2-4	\$1,300	2024	\$6,300	4	\$4,200	
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
<b>Piers</b>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ANDRESKI BRIDGE/77 ST STONE ARCH**

**Asset # : 3028**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier								
Masonry	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete	100%	4+	\$2,100	2036		**		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Masonry	100%			2029	\$33,800	5	\$1,700	
Sidewalks								
Asphalt	100%	2-4	\$1,900	2021	\$9,500	4	\$6,300	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Asphalt	100%	4+	\$3,100	2027	\$31,400	5	\$500	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Fascias								
Masonry: Schist/Gneiss	100%			LIFE		**	3-5	\$28,700
<b>Superstructure</b>								
Primary Member								
Not Accessible	100%							
Secondary Member								
Masonry: Brick	100%	Now	\$242,500	LIFE		**	3-5	\$34,100
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK BALCONY BRIDGE BIN#: 2-24633-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 77TH ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-125  
**Program / Asset #** : PAR0018.S57 / 2562 **Yr Built/Renovated** : 1860 / 1982  
**Area Sq Ft** : 6,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246330

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$100,000
<b>Total</b>		<b>\$100,000</b>
Importance Code C		\$100,000
<b>Total</b>		<b>\$100,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$62,800		\$300	\$18,100
<b>Total</b>	<b>\$62,800</b>		<b>\$300</b>	<b>\$18,100</b>
Importance Code A	\$53,000			
Importance Code C	\$9,800		\$300	\$18,100
<b>Total</b>	<b>\$62,800</b>		<b>\$300</b>	<b>\$18,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BALCONY BRIDGE BIN#: 2-24633-0**

**Asset # : 2562**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Abutments</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Not Accessible	100%						
	Stem (breastwall)							
	Masonry: Sandstone	100%			LIFE	**	3-5	
<b>Wingwalls</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Not Accessible	100%						
	Piles							
	Not Accessible	100%						
	Walls							
	Masonry: Sandstone	100%			LIFE	**	3-5	\$49,600
<b>Feature Crossed</b>								
	Bank Protection							
	Earth	50%			LIFE	**	5	\$100
	Riprap	50%			LIFE	**		
	Mat (scour & erosion)							
	Stream Bed	100%			LIFE	**	5	\$2,200
				<i>Stream Channel, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Not Visible Due To Cloudy Water</i>				
<b>Approaches</b>								
	Pavement							
	Asphalt	100%			2024			\$100,000
	Curbs							
	Concrete	100%			LIFE	**		
				<i>Cracks, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Embankment							
	Earth	100%			LIFE	**		
	Pavement Base							
	Not Accessible	100%						
	Railings/Parapets							
	Masonry: Bluestone	85%	0-2	\$22,200	LIFE	**		
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Joints Missing, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
	Concrete	15%			2029			\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BALCONY BRIDGE BIN#: 2-24633-0**

**Asset # : 2562**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Asphalt	75%	Now	\$6,000	2026	\$6,000	4	\$3,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Asphalt	25%			2024	\$2,000	4	\$2,000	
Deck Elements								
Curbs								
Concrete	100%	Now	\$2,200	2036	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout Joints</i>								
<i>Explanation : Vegetation Growth</i>								
Railings/Parapets								
Masonry: Bluestone	85%	0-2	\$9,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Concrete	15%			2029	\$2,900			
Sidewalks								
Asphalt	95%	Now	\$3,200	2026	\$3,200	4	\$2,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Earth	5%			LIFE	**	5		
Wearing Surface								
Asphalt	100%			2027	\$18,400	5	\$600	
Fascias								
Masonry: Sandstone	100%			LIFE	**	3-5	\$8,100	
Superstructure								
Primary Member								
Masonry: Sandstone	100%	4+	\$19,000	LIFE	**			
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK BRIDGE (NO. 24)  
**Address** : 5TH AVE. TO CENTRAL PARK WEST SW RESER. BRDG OVER BRIDLE PATH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S77 / 14676 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 630 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Oct-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246380

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$9,000
<b>Total</b>		<b>\$9,000</b>
Importance Code B		\$9,000
<b>Total</b>		<b>\$9,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$18,200			\$5,300
<b>Total</b>	<b>\$18,200</b>			<b>\$5,300</b>
Importance Code A				
Importance Code B	\$7,900			\$5,300
Importance Code C	\$10,400			
<b>Total</b>	<b>\$18,200</b>			<b>\$5,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 24)**  
**Asset # : 14676**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	100%	4+	\$7,900	LIFE	**	3-5	\$16,800	
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : North Wall</i>					
			<i>Explanation : Access Door Observed</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$9,400	LIFE	**			
			<i>Joints Missing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$500	
Approaches								
Pavement								
Brick	50%			2029	\$4,600			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : South Approach Only</i>					
			<i>Explanation : Concrete Pavers Observed</i>					
Concrete	50%	4+	\$900	2037	**	4	\$1,900	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : North Approach</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : North Approach</i>					
			<i>Explanation : Floor Gratings Observed</i>					
Embankment								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 24)**  
**Asset # : 14676**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
	Steel	100%		LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Top Of The Primary Members Serve As Curbs, Cast Iron.</i>								
Railings/Parapets								
	Cast Iron	100%		LIFE	**			
Superstructure								
Deck,Structural								
	Timber	100%		LIFE	**			
Primary Member								
	Cast Iron	100%		LIFE	**	4	\$1,400	
Secondary Member								
	Steel	100%		LIFE	**	4-8	\$75,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Beams With Cross Bracing Observed</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK BRIDGE (NO. 27)  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 86 ST. PED OVER BRIDLE PATH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S74 / 14673 **Yr Built/Renovated** :  
**Area Sq Ft** : 465 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246390

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$7,700
<b>Total</b>		<b>\$7,700</b>
Importance Code B		\$7,700
<b>Total</b>		<b>\$7,700</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$14,600			
<b>Total</b>	<b>\$14,600</b>			
Importance Code A	\$12,400			
Importance Code B				
Importance Code C	\$2,300			
<b>Total</b>	<b>\$14,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 27)**  
**Asset # : 14673**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$800	
Approaches								
Pavement								
Asphalt	50%	4+	\$800	2029	\$7,700			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	50%	4+	\$1,500	2037	**	4	\$1,500	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Scaling</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Cast Iron	100%	2-4	\$12,400	LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
Superstructure								
Deck,Structural								
Timber	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 27)**  
**Asset # : 14673**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure								
Primary Member								
	Cast Iron	100%			LIFE	**	4	\$2,100
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
	Steel	100%			LIFE	**	4-8	\$64,200
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK BRIDGE (NO. 28)  
**Address** : 5TH AVE. TO CENTRAL PARK WEST NW RESERVOIR BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S79 / 14678 **Yr Built/Renovated** :  
**Area Sq Ft** : 433 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Oct-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246420

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$700			\$5,100
<b>Total</b>	<b>\$700</b>			<b>\$5,100</b>
Importance Code A				
Importance Code B				\$5,100
Importance Code C	\$700			
<b>Total</b>	<b>\$700</b>			<b>\$5,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 28)**  
**Asset # : 14678**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	100%			LIFE	**	3-5	\$16,200	
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$400	
Approaches								
Pavement								
Asphalt	100%	4+	\$700	2029	\$14,500			
			<i>Other Observation, Extent : Moderate, Area Affected : 8%</i>					
			<i>Location : East Approach</i>					
			<i>Explanation : Uneven Surface</i>					
Curbs								
Granite	100%			LIFE	**	5	\$100	
Embankment								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 20 Percent Peeling Paint; Top Of Primary Members Serve As Curbs, Cast Iron.</i>					
Railings/Parapets								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
Superstructure								
Deck,Structural								
Timber	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Timber Deck As Wearing Surface. Dry Rot 30 Percent.</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 28)**  
**Asset # : 14678**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure								
Primary Member								
	Cast Iron	100%			LIFE	**	4	\$1,300
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Scattered Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Secondary Member								
	Cast Iron	100%			LIFE	**	4	\$200
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Scattered Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK CENTER DR. OVER TRAVERSE 1  
**Address** : 5TH AVE. TO CENTRAL PARK WEST CENTER DR. OVER TRAVERSE 1  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S62 / 14661 **Yr Built/Renovated** :  
**Area Sq Ft** : 10,480 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246100

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$102,400
<b>Total</b>		<b>\$102,400</b>
Importance Code C		\$102,400
<b>Total</b>		<b>\$102,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$104,600			\$20,900
<b>Total</b>	<b>\$104,600</b>			<b>\$20,900</b>
Importance Code A	\$39,100			\$8,900
Importance Code B	\$25,900			\$7,300
Importance Code C	\$39,600			\$4,700
<b>Total</b>	<b>\$104,600</b>			<b>\$20,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK CENTER DR. OVER TRAVERSE 1**  
**Asset # : 14661**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	100%	4+	\$25,900	LIFE	**	3-5	\$23,200	
			<i>Efflorescence, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Schist/Gneiss	100%	4+	\$34,300	LIFE	**			
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,800	
<b>Approaches</b>								
Pavement								
Asphalt	80%	4+	\$2,000	2029	\$102,400			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Earth	20%			LIFE	**			
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Timber	100%	4+	\$1,100	2029	\$22,700			
			<i>Checks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Splits, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK CENTER DR. OVER TRAVERSE 1**  
**Asset # : 14661**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Steel	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
Scupper								
Cast Iron	100%			LIFE		**		
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%	4+	\$1,000	2048		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
Guide Railing								
Timber	100%	4+	\$1,400	2048		**		
			<i>Checks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Splits, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
Railings/Parapets								
Steel	100%	4+	\$1,600	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
Sidewalks								
Asphalt	100%	4+	\$1,400	2026	\$4,500	4	\$3,000	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Wheel Ruts</i>					
<hr/>								
Fascias								
Masonry	100%	4+	\$1,900	LIFE		**	3-5	\$15,000
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Impact Damage</i>					
<hr/>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK CENTER DR. OVER TRAVERSE 1**  
**Asset # : 14661**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Primary Member							
	Masonry: Brick	30%	2-4	\$34,000	LIFE	**	3-5	\$28,700
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Efflorescence, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 20%</i>				
				<i>Location : West End Of Arch Barrel</i>				
				<i>Explanation : Steel Wiremesh Fall Protection.</i>				
	Not Accessible	70%						
				<i>Other Observation, Extent : Light, Area Affected : 0%</i>				
				<i>Location : Arch Barrel</i>				
				<i>Explanation : Only Brick Fascias Portion Of The Structure Is Visible.</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK DENESMOUTH ARCH BIN#: 2-24641-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E 65TH ST. AND 5TH AVE., NR. ZOO  
**Borough** : MANHATTAN **Agency's Number** : M010-008  
**Program / Asset #** : PAR0018.S47 / 861 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 5,781 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246410

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$37,400	\$84,100
<b>Total</b>	<b>\$37,400</b>	<b>\$84,100</b>
Importance Code B	\$37,400	
Importance Code C		\$84,100
<b>Total</b>	<b>\$37,400</b>	<b>\$84,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$97,500			\$27,100
<b>Total</b>	<b>\$97,500</b>			<b>\$27,100</b>
Importance Code A	\$40,200			
Importance Code B	\$1,500			\$10,500
Importance Code C	\$55,700			\$16,600
<b>Total</b>	<b>\$97,500</b>			<b>\$27,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DENESMOUTH ARCH BIN#: 2-24641-0**  
**Asset # : 861**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brownstone	100%	4+	\$1,500	LIFE	**	3-5	\$3,900	
			<i>Erosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%	4+	\$19,600	LIFE	**	3-5	\$52,400	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Erosion; Open Joints; Cracking And Crumbling</i>					
<b>Feature Crossed</b>								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	75%	4+	\$3,200	2024			\$63,100	
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks</i>					
Asphalt	25%			2024			\$21,000	
Curbs								
Concrete w/ Steel Face	100%	4+	\$5,000	LIFE	**			
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Spalling And Vegetation.</i>					
Embankment								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DENESMOUTH ARCH BIN#: 2-24641-0**

**Asset # : 861**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Approaches</b>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Brownstone/Sandstone	100%	2-4	\$13,100	LIFE				* *
			<i>Erosion, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
<hr/>								
<b>Sidewalks</b>								
Cobblestone	20%	2-4	\$9,800	LIFE				* *
			<i>Other Observation, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Uneven Surface</i>					
Concrete	80%	4+	\$1,300	LIFE		* *	\$2,800	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks And Vegetation</i>					
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$5,200	LIFE				* *
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Spalling And Vegetation</i>					
<hr/>								
Railings/Parapets								
Brownstone/Sandstone	100%	2-4	\$16,900	LIFE				* *
			<i>Erosion, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Vegetation</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DENESMOUTH ARCH BIN#: 2-24641-0**  
**Asset # : 861**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
<b>Sidewalks</b>								
	Cobblestone	35%	2-4	\$5,600	2056	**	5	\$300
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Uneven Surface; Broken Or Missing Element And Vegetation</i>								
	Concrete	65%	4+	\$1,500	2031	**	5	\$100
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks And Vegetation</i>								
<b>Wearing Surface</b>								
	Asphalt	100%	2-4	\$7,800	2027	\$15,500	5	\$200
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : At Center Of The Road</i>								
<i>Explanation : Uneven Surface</i>								
<b>Fascias</b>								
	Brownstone/Sandstone	100%	4+	\$7,000	LIFE	**		
<i>Erosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<b>Superstructure</b>								
<b>Primary Member</b>								
	Not Accessible	100%						
<b>Secondary Member</b>								
	Masonry: Brownstone	100%	4+	\$37,400	LIFE	**	3-5	\$29,200
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracking/ Crumbling</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK DIPWAY ARCH - 030  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 60TH ST. AND PARK DR., SOUTH DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-030  
**Program / Asset #** : PAR0018.S12 / 879 **Yr Built/Renovated** : 1862 /  
**Area Sq Ft** : 2,601 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$39,000
<b>Total</b>		<b>\$39,000</b>
Importance Code C		\$39,000
<b>Total</b>		<b>\$39,000</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$72,200	\$400		\$9,200
<b>Total</b>	<b>\$72,200</b>	<b>\$400</b>		<b>\$9,200</b>
Importance Code A	\$700			
Importance Code B	\$57,600			\$9,200
Importance Code C	\$13,900	\$400		
<b>Total</b>	<b>\$72,200</b>	<b>\$400</b>		<b>\$9,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DIPWAY ARCH - 030**  
**Asset # : 879**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	15%	4+	\$8,800	LIFE	**	3-5	\$3,000	
			<i>Joints Missing, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Erosion And Chipping</i>					
Masonry: Brick	85%	2-4	\$34,800	LIFE	**	3-5	\$14,000	
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Efflorescence, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$13,100	LIFE	**			
			<i>Erosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Asphalt Paving	95%			LIFE	**	5	\$3,800	
Terra Cotta Pavers	5%			LIFE	**	5		
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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DIPWAY ARCH - 030**  
**Asset # : 879**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$800	2024	\$39,000			
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
Curbs								
Concrete	100%	4+	\$700	LIFE			* *	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Single Type	100%			LIFE			* *	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE			* *	
Sidewalks								
Single Type	100%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Uneven Earth</i>							
<b>Deck Elements</b>								
Curbs								
Concrete	50%	4+		2036			* *	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations</i>							
Granite	50%			LIFE			* *	
Railings/Parapets								
Cast Iron	30%			LIFE			* *	
Granite	70%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations</i>							
	<i>Explanation : Spalling And Cracking</i>							
Sidewalks								
Cobblestone	100%			2036		* *	5	\$800
	<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations</i>							
Wearing Surface								
Asphalt	100%			2024	\$7,000	5		\$200
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations</i>							

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DIPWAY ARCH - 030**  
**Asset # : 879**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Primary Member								
Not Accessible	100%							
Secondary Member								
Masonry: Brick	95%	2-4	\$14,000	LIFE	**	3-5	\$11,800	
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
			<i>Spalling, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
Masonry: Granite	5%			LIFE	**	3-5	\$800	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK DRIPROCK ARCH BIN#: 2-24605-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E 63 ST. AND CENTER DR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S54 / 3021 **Yr Built/Renovated** : 1860 / 1990  
**Area Sq Ft** : 5,280 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246050

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$46,200	\$65,200
<b>Total</b>	<b>\$46,200</b>	<b>\$65,200</b>
Importance Code B	\$46,200	
Importance Code C		\$65,200
<b>Total</b>	<b>\$46,200</b>	<b>\$65,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$38,000	\$5,500		\$22,000
<b>Total</b>	<b>\$38,000</b>	<b>\$5,500</b>		<b>\$22,000</b>
Importance Code A	\$12,300			\$400
Importance Code B	\$13,000			\$11,200
Importance Code C	\$12,700	\$5,500		\$10,400
<b>Total</b>	<b>\$38,000</b>	<b>\$5,500</b>		<b>\$22,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DRIPROCK ARCH BIN#: 2-24605-0**  
**Asset # : 3021**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	60%	0-2	\$6,300	LIFE	**	3-5	\$10,100	
			<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
Masonry: Brownstone	40%	4+	\$6,700	LIFE	**	3-5	\$6,700	
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	75%	2-4	\$3,300	LIFE	**	3-5	\$17,500	
			<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence</i>					
Masonry: Sandstone	25%	4+	\$5,300	LIFE	**	3-5	\$7,100	
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$18,700	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024			\$65,200	
Curbs								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DRIPROCK ARCH BIN#: 2-24605-0**  
**Asset # : 3021**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Approaches</b>								
	Embankment							
	Earth	90%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Minor Ponding</i>						
	Riprap	10%			LIFE	**		
<b>Guide Railing</b>								
	Timber	65%	4+	\$3,200	2024	\$16,200		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Dry Rot, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
	Timber	35%			2024	\$8,700		
<b>Mat (scour &amp; erosion)</b>								
	Not Accessible	100%						
<b>Pavement Base</b>								
	Not Accessible	100%						
<b>Railings/Parapets</b>								
	Sandstone	100%			LIFE	**		
<b>Sidewalks</b>								
	Asphalt	80%			2021	\$4,000	4	\$3,900
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Minor Ponding</i>						
	Cobblestone	20%	4+	\$3,000	LIFE	**		
		<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
<b>Scupper</b>								
	Cast Iron	100%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Corners</i>						
		<i>Explanation : 4 Catch Basins</i>						
<b>Deck Elements</b>								
<b>Curbs</b>								
	Concrete	100%			2036	**		
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
<b>Guide Railing</b>								
	Timber	100%	4+	\$4,900	2046	**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Dry Rot, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DRIPROCK ARCH BIN#: 2-24605-0**  
**Asset # : 3021**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near Timber Guiderail Post</i>								
Railings/Parapets								
Masonry: Sandstone	100%	4+	\$4,100	LIFE	**	3-5	\$1,300	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracking, Spalling, Joints Missing</i>								
Sidewalks								
Asphalt	80%			2024	\$3,300	4	\$3,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Minor Ponding</i>								
Cobblestone	20%			2036	**	5	\$400	
Wearing Surface								
Asphalt	100%			2024	\$22,800	5	\$700	
Fascias								
Masonry: Brownstone	100%			LIFE	**	3-5	\$8,700	
Superstructure								
Primary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Assumed Concrete Arch Based On Geometry</i>								
Secondary Member								
Masonry: Brick	100%	4+	\$46,200	LIFE	**	3-5	\$19,500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Water Penetration</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK EAST DRIVE OVER TRAVERSE 1  
**Address** : 5TH AVE. TO CENTRAL PARK WEST EAST DR. OVER TRAVERSE 1  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S64 / 14663 **Yr Built/Renovated** : 1905 /  
**Area Sq Ft** : 10,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246110

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$253,200
<b>Total</b>		<b>\$253,200</b>
Importance Code A		\$71,800
Importance Code C		\$181,300
<b>Total</b>		<b>\$253,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$84,500			\$11,500
<b>Total</b>	<b>\$84,500</b>			<b>\$11,500</b>
Importance Code A	\$16,900			
Importance Code B	\$27,000			
Importance Code C	\$40,600			\$11,500
<b>Total</b>	<b>\$84,500</b>			<b>\$11,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 1**

**Asset # : 14663**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Walls								
Granite	100%	4+	\$27,000	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$33,500	LIFE		**	3-5	\$24,100
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Northwest Wingwall</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$1,800
<b>Approaches</b>								
Pavement								
Asphalt	100%			2029	\$126,900			
Curbs								
Concrete	100%	4+	\$1,500	LIFE		**		
			<i>Damaged Railing, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 1**  
**Asset # : 14663**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Railings/Parapets Steel	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
<hr/>								
Sidewalks Asphalt	40%	4+	\$100	2026	\$1,800	4	\$1,200	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Cobblestone	20%			LIFE		**		
Single Type	40%			LIFE		**		
<i>Vegetation Growth, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Scupper Cast Iron	100%			LIFE		**		
<hr/>								
<b>Deck Elements</b>								
Curbs Concrete	100%			2048		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Side</i>								
<i>Explanation : Curb Present</i>								
<hr/>								
Median Cobblestone	100%	4+	\$1,000	2048		**		
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Settlement</i>								
<hr/>								
Railings/Parapets Steel	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 1**

**Asset # : 14663**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Asphalt	50%	4+	\$100	2026	\$2,300	4	\$1,500	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Cobblestone	20%			2048	**	5	\$400	
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Single Type	30%			2033	**			
<i>Vegetation Growth, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<b>Wearing Surface</b>								
Asphalt	100%			2029	\$54,400	5	\$1,700	
<b>Fascias</b>								
Masonry: Granite	100%	4+	\$6,900	LIFE	**	3-5	\$12,400	
<i>Efflorescence, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : East Side Arch</i>								
<i>Explanation : Vehicular Impact Damage</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Masonry: Brick	10%	2-4	\$14,400	2029	\$71,800			
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Areas Repaired With Steel Wire Mesh</i>								
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK EAST DRIVE OVER TRAVERSE 2  
**Address** : 5TH AVE. TO CENTRAL PARK WEST EAST DR. OVER TRAVERSE 2  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S73 / 14672 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 10,160 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246230

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$176,800
<b>Total</b>		<b>\$176,800</b>
Importance Code C		\$176,800
<b>Total</b>		<b>\$176,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$22,800			\$6,100
<b>Total</b>	<b>\$22,800</b>			<b>\$6,100</b>
Importance Code A	\$6,000			\$2,900
Importance Code C	\$16,800			\$3,300
<b>Total</b>	<b>\$22,800</b>			<b>\$6,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 2**

**Asset # : 14672**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Stem (breastwall)								
Granite	100%			LIFE		**	3-5	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$12,500	LIFE		**		
			<i>Joints Missing, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$1,800
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$2,500	2029	\$123,800			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Scaling</i>					
<b>Curbs</b>								
Concrete	44%			LIFE		**		
Concrete	6%	2-4	\$500	LIFE		**		
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	50%			LIFE		**	5	\$100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : South Approach Only</i>					
			<i>Explanation : Granite Masonry Curb</i>					
<b>Embankment</b>								
Single Type	100%			LIFE		**		
<b>Mat (scour &amp; erosion)</b>								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 2**  
**Asset # : 14672**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
<b>Sidewalks</b>								
Asphalt	100%	4+	\$900	2026	\$4,500	4	\$3,000	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<b>Deck Elements</b>								
<b>Curbs</b>								
Granite	100%			LIFE	**			
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Steel Fence</i>					
<b>Sidewalks</b>								
Asphalt	100%	4+	\$900	2026	\$4,500	4	\$3,000	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wearing Surface</b>								
Asphalt	100%			2029	\$53,000	5	\$1,600	
<b>Fascias</b>								
Masonry: Granite	100%			LIFE	**	3-5	\$10,600	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Brick	10%	4+	\$5,500	LIFE	**	3-5	\$9,300	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Scattered Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : East And West Sides</i>					
			<i>Explanation : Steel Mesh Repair Observed</i>					
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK EAST DRIVE OVER TRAVERSE 3  
**Address** : 5TH AVE. TO CENTRAL PARK WEST EAST DR. OVER TRAVERSE 3  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S76 / 14675 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 9,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246250

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$158,700
<b>Total</b>		<b>\$158,700</b>
Importance Code C		\$158,700
<b>Total</b>		<b>\$158,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$46,100			\$13,100
<b>Total</b>	<b>\$46,100</b>			<b>\$13,100</b>
Importance Code A	\$2,100			\$2,600
Importance Code B	\$11,200			\$7,400
Importance Code C	\$32,800			\$3,100
<b>Total</b>	<b>\$46,100</b>			<b>\$13,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 3**

**Asset # : 14675**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Stem (breastwall)								
Granite	100%	4+	\$11,200	LIFE			** 3-5	\$23,700
			<i>Joints Missing, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Leakage, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$30,200	LIFE			**	
			<i>Joints Missing, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE			** 5	\$1,700
<b>Approaches</b>								
Pavement								
Asphalt	100%			2029	\$111,100			
Curbs								
Concrete	100%			LIFE			**	
Embankment								
Single Type	100%			LIFE			**	
Guide Railing								
Timber	100%	4+	\$1,100	2029	\$22,700			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : West Side Only</i>					
			<i>Explanation : Top Timber Rail With Steel Angles Observed. Wood Check On Timber Rail And Post Scattered 5 Percent</i>					
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE			**	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 3**

**Asset # : 14675**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	30%	4+	\$700	2026	\$1,400	4	\$900	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Cobblestone	20%	4+	\$900	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Elements</i>								
Single Type	50%			LIFE	**			
Scupper								
Cast Iron	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,000	2048	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Middle Of Span</i>								
Guide Railing								
Timber	100%			2048	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At East Side Only</i>								
<i>Explanation : Timber Rail With Steel Angles Observed</i>								
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Asphalt	30%	4+	\$100	2026	\$1,400	4	\$900	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Cobblestone	10%			2048	**	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Side Only</i>								
<i>Explanation : Sidewalk</i>								
Earth	60%			LIFE	**	5	\$200	
Wearing Surface								
Asphalt	100%	4+	\$1,000	2029	\$47,600	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Middle Of Span</i>								
<i>Explanation : Uneven Surface With Cracks</i>								
Fascias								
Masonry: Granite	100%			LIFE	**	3-5	\$9,700	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 3**  
**Asset # : 14675**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Primary Member							
	Masonry: Brick	10%			LIFE	**	3-5	\$8,400
			<i>Other Observation, Extent : Moderate, Area Affected : 98%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Mesh Repair Present</i>					
	Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK EAST DRIVE OVER TRAVERSE 4  
**Address** : 5TH AVE. TO CENTRAL PARK WEST EAST DR. OVER TRAVERSE 4  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S80 / 14679 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 12,994 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Oct-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246270

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$216,700	\$219,400
<b>Total</b>	<b>\$216,700</b>	<b>\$219,400</b>
Importance Code A	\$166,800	
Importance Code C	\$50,000	\$219,400
<b>Total</b>	<b>\$216,700</b>	<b>\$219,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$27,400			\$15,600
<b>Total</b>	<b>\$27,400</b>			<b>\$15,600</b>
Importance Code A	\$5,700			
Importance Code B	\$16,200			\$10,800
Importance Code C	\$5,500			\$4,800
<b>Total</b>	<b>\$27,400</b>			<b>\$15,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 4**

**Asset # : 14679**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	100%	4+	\$16,200	LIFE	**	3-5	\$34,500	
			<i>Joints Missing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	75%	4+	\$50,000	LIFE	**	5	\$2,600	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Weepholes Observed</i>					
Granite	25%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$2,600	
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$2,900	2029	\$143,900			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Single Type	100%			LIFE	**			
Guide Railing								
Timber	100%	4+	\$1,100	2029	\$22,700			
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Wood Checks</i>					
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 4**

**Asset # : 14679**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Asphalt	50%	4+	\$100	2026	\$2,300	4	\$1,500	
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Uneven Surface</i>					
Single Type	50%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Earth Sidewalk</i>					
<b>Deck Elements</b>								
Curbs								
Concrete	100%	4+	\$1,200	2048	**			
			<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>					
Guide Railing								
Timber	100%	4+	\$3,300	2048	**			
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Middle Of Span</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Wood Checks</i>					
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Asphalt	30%	4+	\$1,000	2026	\$1,700	4	\$1,100	
			<i>Cracks, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Uneven Surface And Settlement</i>					
Earth	70%			LIFE	**	5	\$300	
Wearing Surface								
Asphalt	100%	4+	\$1,500	2029	\$75,500	5	\$1,200	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Fascias								
Masonry: Granite	100%			LIFE	**	3-5	\$15,700	

**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.

**DEPT. OF PARKS & RECREATION - 846  
CENTRAL PARK EAST DRIVE OVER TRAVERSE 4  
Asset # : 14679**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Primary Member								
Brick	10%	2-4	\$166,800	LIFE			**	
		<i>Other Observation, Extent : Severe, Area Affected : 60%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joints Missing 20 Percent. Erosion 40 Percent. Efflorescence 20 Percent</i>						
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK GAPSTOW BRIDGE OVER THE POND  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E 62ND ST. AND EAST DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S40 / 3022 **Yr Built/Renovated** : 1886 / 1980  
**Area Sq Ft** : 1,638 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246030

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$61,700	
<b>Total</b>	<b>\$61,700</b>	
Importance Code A	\$61,700	
<b>Total</b>	<b>\$61,700</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$17,500			
<b>Total</b>	<b>\$17,500</b>			
Importance Code A	\$13,700			
Importance Code C	\$3,800			
<b>Total</b>	<b>\$17,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GAPSTOW BRIDGE OVER THE POND**

**Asset # : 3022**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$10,700	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$2,400	2027	\$12,200			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracking</i>					
Embankment								
Earth	50%			LIFE	**			
Stone Rough Work	50%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry: Bluestone	25%	0-2	\$1,300	LIFE	**			
			<i>Joints Missing, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Schist/Gneiss	75%			LIFE	**			
Deck Elements								
Railings/Parapets								
Masonry: Bluestone	25%	0-2	\$1,100	LIFE	**			
			<i>Joints Missing, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Schist/Gneiss	75%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GAPSTOW BRIDGE OVER THE POND**

**Asset # : 3022**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	4+	\$1,300	2024	\$4,500	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Stone	100%			LIFE			**	
<hr/>								
<b>Superstructure</b>								
Primary Member Brick	70%	4+	\$61,700	LIFE			**	
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spalling, Efflorescence, And Vegetation Growth</i>								
Masonry: Schist/Gneiss	30%	0-2	\$11,200	LIFE		5	\$300	
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK GLADE ARCH  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 77 ST. NEAR LEVIN PLAYGROUND  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S65 / 14664 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 4,750 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246450

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$41,300	
<b>Total</b>	<b>\$41,300</b>	
Importance Code C	\$41,300	
<b>Total</b>	<b>\$41,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$25,900			\$4,300
<b>Total</b>	<b>\$25,900</b>			<b>\$4,300</b>
Importance Code A	\$14,200			\$900
Importance Code B	\$3,100			
Importance Code C	\$8,700			\$3,400
<b>Total</b>	<b>\$25,900</b>			<b>\$4,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLADE ARCH**  
**Asset # : 14664**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			* *	
Walls								
Masonry	100%	4+	\$3,100	2048			* *	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Erosion, Extent : Light, 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 : Masonry Granite and Weepholes Observed At Bottom Of East And West Walls,</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	4+	\$41,300	LIFE			* *	
			<i>Delaminations, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Side At Joint</i>					
			<i>Erosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : South Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Efflorescence And Water Stains</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		5	\$13,600	
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLADE ARCH**  
**Asset # : 14664**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	30%	4+	\$1,000	2037	**	4	\$3,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Missing Joints Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Granite Pavers</i>								
Concrete	70%	4+	\$1,100	2037	**	4	\$9,100	
<i>Settlement, Extent : Light, 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 : Concrete Paver</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$4,800	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Sidewalks								
Concrete	80%	4+	\$1,000	LIFE	**	4	\$2,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Missing Joints Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Bluestone Paver Sidewalk, Gratings Observed East Side Only</i>								
Masonry	20%	4+	\$1,100	LIFE	**			
<i>Broken/Damaged, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLADE ARCH**  
**Asset # : 14664**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$2,400	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Sidewalks								
Concrete	100%	4+	\$1,300	2033		**	5	\$100
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Bluestone Pavers Sidewalk</i>								
<hr/>								
Wearing Surface								
Concrete	100%			2037		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Pavers</i>								
<hr/>								
Fascias								
Masonry: Sandstone	100%	4+	\$3,200	LIFE		**	3-5	\$10,700
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Superstructure</b>								
Deck,Structural								
Not Accessible	100%							
<hr/>								
Primary Member								
Masonry: Brick	10%	4+	\$6,900	LIFE		**	3-5	\$2,900
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination</i>								
<hr/>								
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **CENTRAL PARK GLADE ARCH - 105**  
 Address : **5TH AVE. TO CENTRAL PARK WEST 79TH ST. AND 5TH AVE.**  
 Borough : **MANHATTAN** Agency's Number : **M010-105**  
 Program / Asset # : **PAR0018.S15 / 880** Yr Built/Renovated : **1862 / 1988**  
 Area Sq Ft : **4,992** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **15-Sep-2014** Landmark Status : **SCENIC LANDMARK**  
 Areas Surveyed :  
 Block : Lot : BIN : 2246450

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$168,600	\$75,500
<b>Total</b>	<b>\$168,600</b>	<b>\$75,500</b>
Importance Code B	\$110,900	
Importance Code C	\$57,700	\$75,500
<b>Total</b>	<b>\$168,600</b>	<b>\$75,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$55,400		\$200	\$21,300
<b>Total</b>	<b>\$55,400</b>		<b>\$200</b>	<b>\$21,300</b>
Importance Code A	\$26,300			
Importance Code B				\$7,200
Importance Code C	\$29,100		\$200	\$14,000
<b>Total</b>	<b>\$55,400</b>		<b>\$200</b>	<b>\$21,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLADE ARCH - 105**  
**Asset # : 880**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Sandstone	100%			LIFE	* *	3-5		
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%	2-4	\$57,700	LIFE	* *	3-5	\$38,400	
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Joints Missing</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *	5	\$11,600	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024	\$75,500			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Pavers</i>					
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	60%	0-2	\$18,600	LIFE	* *			
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 35%</i>					
			<i>Location : Throughout</i>					
Cast Stone	40%			LIFE	* *			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Pre-Cast Concrete</i>					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLADE ARCH - 105**  
**Asset # : 880**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northeast Corner</i>								
<i>Explanation : 1 Catch Basin</i>								
<hr/>								
<b>Deck Elements</b>								
<b>Railings/Parapets</b>								
Brownstone/Sandstone	60%	Now	\$7,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Cast Stone	40%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pre - Cast Concrete</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2027	\$13,300	5	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Pavers</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Sandstone	100%	0-2	\$29,100	LIFE		**	3-5	\$6,400
<i>Erosion, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Not Accessible	100%							
<hr/>								
<b>Secondary Member</b>								
Masonry: Brick	100%	Now	\$110,900	LIFE		**	3-5	\$23,400
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracking / Crumbling</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK GLEN SPAN BRIDGE - 225  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 102ND ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-225  
**Program / Asset #** : PAR0018.S22 / 178 **Yr Built/Renovated** : 1865 /  
**Area Sq Ft** : 2,132 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$50,600			\$10,400
<b>Total</b>	<b>\$50,600</b>			<b>\$10,400</b>
Importance Code A	\$31,400			
Importance Code B	\$10,100			
Importance Code C	\$9,200			\$10,400
<b>Total</b>	<b>\$50,600</b>			<b>\$10,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLEN SPAN BRIDGE - 225**  
**Asset # : 178**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Schist/Gneiss	100%	4+	\$10,100	LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Joint Mortar Missing</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE		3-5	\$24,100	
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%			LIFE			**	
			<i>Roadway/Path, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Stream Channel, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Asphalt Paving	100%	2-4	\$12,700	LIFE		5	\$4,100	
			<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : At Stone Boulders Along Stream Channel And Throughout</i>					
			<i>Explanation : Uneven Surface</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$2,900	2024	\$28,900			
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Curbs								
Concrete	100%	4+	\$3,800	LIFE			**	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	35%			LIFE			**	
Riprap	65%			LIFE			**	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLEN SPAN BRIDGE - 225**  
**Asset # : 178**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Guide Railing Timber	100%	4+	\$2,900	2024	\$14,700			
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting And Chipping</i>								
Mat (scour & erosion) Not Accessible	100%							
Pavement Base Not Accessible	100%							
Railings/Parapets Schist/Gneiss	100%			LIFE	**			
Sidewalks Cobblestone	100%	4+	\$1,500	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Uneven Surface And Vegetation Growth</i>								
<b>Deck Elements</b>								
Curbs Concrete	100%	4+	\$2,200	2036	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Guide Railing Timber	100%	4+	\$2,000	2046	**			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting And Chipping</i>								
Railings/Parapets Schist/Gneiss	100%			LIFE	**			
Sidewalks Cobblestone	100%	4+	\$2,000	2046	**	5	\$400	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Uneven Surface And Vegetation Growth</i>								
Wearing Surface Asphalt	100%	4+	\$2,900	2024	\$7,100	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Fascias Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$9,600	
<b>Superstructure</b>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
CENTRAL PARK GLEN SPAN BRIDGE - 225  
Asset # : 178**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure Primary Member Schist/Gneiss	100%	4+	\$7,600	LIFE				* *
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Fascias</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Water Penetration</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK GREYSHOT BRIDGE WEST DRIVE  
**Address** : 5TH AVE. TO CENTRAL PARK WEST W 61ST ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-042  
**Program / Asset #** : PAR0018.S42 / 157 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 7,452 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246000

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$116,400
<b>Total</b>		<b>\$116,400</b>
Importance Code C		\$116,400
<b>Total</b>		<b>\$116,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$64,600	\$7,000	\$400	\$10,300
<b>Total</b>	<b>\$64,600</b>	<b>\$7,000</b>	<b>\$400</b>	<b>\$10,300</b>
Importance Code A	\$6,300			
Importance Code B	\$21,800			\$9,700
Importance Code C	\$36,600	\$7,000	\$400	\$500
<b>Total</b>	<b>\$64,600</b>	<b>\$7,000</b>	<b>\$400</b>	<b>\$10,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYSHOT BRIDGE WEST DRIVE**  
**Asset # : 157**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Granite	100%	4+	\$4,200	LIFE	**	3-5	\$9,000	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Spalling And Cracks</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	70%	4+	\$30,100	LIFE	**			
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 35%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence</i>					
Granite	30%			LIFE	**			
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Approaches								
Pavement								
Asphalt	100%			2027			\$116,400	
Embankment								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYSHOT BRIDGE WEST DRIVE**

**Asset # : 157**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Brownstone/Sandstone	90%	4+	\$1,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Granite	10%			LIFE			**	
Sidewalks								
Asphalt	100%	4+	\$1,400	2021	\$7,000	4	\$4,600	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Ends Of Approaches</i>								
Piers								
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2046			**	
Median								
Cobblestone	100%	4+	\$1,200	2046			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Brownstone/Sandstone	75%	4+	\$3,400	LIFE			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Granite	25%			LIFE			**	
Sidewalks								
Asphalt	100%			2024	\$3,400	4	\$3,400	
Wearing Surface								
Asphalt	100%			2027	\$24,100	5	\$700	
Fascias								
Brownstone/Sandstone	80%	4+	\$4,000	LIFE			**	
<i>Erosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Efflorescence</i>								
Masonry: Granite	20%			LIFE		3-5	\$1,800	
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYSHOT BRIDGE WEST DRIVE**  
**Asset # : 157**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure								
Primary Member								
Not Accessible		100%						
Secondary Member								
Masonry: Brick		90%	4+	\$11,900	LIFE	**	3-5	\$20,200
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brownstone		10%	4+	\$5,600	LIFE	**	3-5	\$2,200
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Open Joints And Water Penetration</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK GREYWACKE ARCH - 147  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 79TH ST. AND EAST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-147  
**Program / Asset #** : PAR0018.S51 / 2729 **Yr Built/Renovated** : 1863 / 1985  
**Area Sq Ft** : 3,348 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246350

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$46,500
<b>Total</b>		<b>\$46,500</b>
Importance Code C		\$46,500
<b>Total</b>		<b>\$46,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$63,800			\$11,900
<b>Total</b>	<b>\$63,800</b>			<b>\$11,900</b>
Importance Code A	\$26,300			\$1,300
Importance Code B	\$1,100			
Importance Code C	\$36,400			\$10,500
<b>Total</b>	<b>\$63,800</b>			<b>\$11,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYWACKE ARCH - 147**  
**Asset # : 2729**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%	4+	\$1,100	LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Spalling</i>					
Stem (breastwall)								
Masonry: Sandstone	100%			LIFE		**	3-5	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%	4+	\$21,000	LIFE		**	3-5	\$22,500
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Sign Of Water Leakage</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	100%	4+	\$5,200	LIFE		**	5	\$8,300
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$4,700	2029	\$46,500			
			<i>Cracks, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYWACKE ARCH - 147**  
**Asset # : 2729**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Stone	50%	4+	\$1,500	LIFE			**	
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Loose/ Eroded Joint Mortar</i>								
Steel	50%	4+	\$800	LIFE			**	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Damaged Railing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North End Of The Approach</i>								
Sidewalks								
Single Type	100%	4+	\$2,000	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Corners</i>								
<i>Explanation : Bluestone Pavers</i>								
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,100	2048			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Cast Stone	50%	4+	\$800	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Loose/ Eroded Joint Material</i>								
Steel	50%			LIFE			**	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYWACKE ARCH - 147**  
**Asset # : 2729**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Bluestone Paver	100%	4+	\$1,900	LIFE	**	5	\$300	
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2029	\$11,000	5	\$300	
<hr/>								
<b>Fascias</b>								
Masonry	100%	4+	\$6,800	LIFE	**	3-5	\$10,800	
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Signs Of Leakage</i>								
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Brick	20%	2-4	\$10,300	LIFE	**	3-5	\$4,300	
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Signs Of Leakage</i>								
Masonry: Sandstone	10%	4+	\$5,900	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Repair Failure</i>								
Not Accessible	70%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK HUDDLESTONE BRIDGE BIN:2-24647-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 106TH ST. AND EAST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-232  
**Program / Asset #** : PAR0018.S43 / 158 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 1,961 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246470

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$16,100	\$500		\$2,600
<b>Total</b>	<b>\$16,100</b>	<b>\$500</b>		<b>\$2,600</b>
Importance Code A	\$11,100			
Importance Code B	\$2,100			
Importance Code C	\$2,800	\$500		\$2,600
<b>Total</b>	<b>\$16,100</b>	<b>\$500</b>		<b>\$2,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK HUDDLESTONE BRIDGE BIN:2-24647-0**

**Asset # : 158**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Schist/Gneiss	100%	4+	\$2,100	LIFE			**	
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Schist/Gneiss	100%			LIFE			**	
			<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%			LIFE			**	
			<i>Roadway/Path, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Stream Channel, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Asphalt Paving	50%			LIFE		**	5	\$2,600
			<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Covered With Loose Sand And Soil</i>					
Riprap	50%			LIFE		**		
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$1,100	2024	\$22,700			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks</i>					
Curbs								
Concrete	100%	4+	\$2,200	LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Embankment								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK HUDDLESTONE BRIDGE BIN:2-24647-0**

**Asset # : 158**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing Timber	100%	4+	\$2,300	2024	\$11,300			
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting And Chipping</i>								
Mat (scour & erosion) Not Accessible	100%							
Pavement Base Not Accessible	100%							
Railings/Parapets Schist/Gneiss	100%			LIFE	**			
Sidewalks Cobblestone	100%			LIFE	**			
Deck Elements								
Curbs Concrete	100%	4+	\$1,700	2036	**			
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Guide Railing Timber	100%	4+	\$2,300	2036	**			
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting And Chipping</i>								
Railings/Parapets Schist/Gneiss	100%			LIFE	**			
Sidewalks Cobblestone	100%			2046	**	5	\$900	
Wearing Surface Asphalt	100%	4+	\$1,700	2024	\$8,300	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Approaches</i>								
Fascias Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$8,500	
Superstructure								
Primary Member Masonry: Schist/Gneiss	2%	0-2	\$2,700	LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 19 Feet Measured From South Fascia</i>								
<i>Explanation : Loose And Cracked Stones</i>								
Schist/Gneiss	98%			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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK INSCOPE ARCH - 005  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E 62ND ST. AND EAST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-005  
**Program / Asset #** : PAR0018.S35 / 2719 **Yr Built/Renovated** : 1875 / 1973  
**Area Sq Ft** : 5,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246040

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$95,200
<b>Total</b>		<b>\$95,200</b>
Importance Code C		\$95,200
<b>Total</b>		<b>\$95,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$46,900	\$8,300	\$200	\$14,700
<b>Total</b>	<b>\$46,900</b>	<b>\$8,300</b>	<b>\$200</b>	<b>\$14,700</b>
Importance Code A	\$41,000			\$8,500
Importance Code B	\$5,900			\$6,200
Importance Code C		\$8,300	\$200	
<b>Total</b>	<b>\$46,900</b>	<b>\$8,300</b>	<b>\$200</b>	<b>\$14,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK INSCOPE ARCH - 005**  
**Asset # : 2719**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Bluestone	10%			LIFE	**	3-5	\$2,000	
Masonry: Schist/Gneiss	90%	4+	\$5,900	LIFE	**	3-5	\$17,900	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$6,200	
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024			\$95,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Curbs								
Concrete	100%	4+	\$1,500	LIFE	**			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	50%			LIFE	**			
Stone Rough Work	50%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%	4+	\$9,500	LIFE	**			
<i>Damaged Railing, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Asphalt	100%			2021		4	\$4,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK INSCOPE ARCH - 005**  
**Asset # : 2719**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Three Catch Basins</i>								
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$3,700	2056		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Median</b>								
Cobblestone	100%	2-4	\$2,000	2056		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Cast Iron	100%	Now	\$17,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Collision Damage, Loose Railing</i>								
<hr/>								
<b>Sidewalks</b>								
Asphalt	100%			2021	\$1,700	4	\$1,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2027	\$15,300	5	\$500	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Stone	100%			LIFE		**		
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Brick	100%	4+	\$6,500	LIFE		**	3-5	\$27,400
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK OAK BRIDGE  
**Address** : W 77TH ST. PEDESTRIAN BRIDGE OVER THE LAKE  
**Borough** : MANHATTAN **Agency's Number** : M010-  
**Program / Asset #** : PAR0018.S58 / 14504 **Yr Built/Renovated** : 2009 /  
**Area Sq Ft** : 1,125 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2246320

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$4,200			\$5,800
<b>Total</b>	<b>\$4,200</b>			<b>\$5,800</b>
Importance Code A	\$2,700			
Importance Code B				\$5,800
Importance Code C	\$1,400			
<b>Total</b>	<b>\$4,200</b>			<b>\$5,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK OAK BRIDGE**  
**Asset # : 14504**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Abutments								
	Bridge Seat&pedestals							
	Concrete	100%	4+	\$1,600	LIFE	**		
				<i>Cracks, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Backwall							
	Masonry	100%			LIFE	**		
	Brngs,Ancr Blts,Pads							
	Steel	100%			LIFE	**		
				<i>Other Observation, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Rust</i>				
	Footings							
	Not Accessible	100%						
	Joint with Deck							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Riprap	50%			LIFE	**		
	Not Accessible	50%						
	Stem (breastwall)							
	Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$18,600
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Begin Abutment Stem</i>				
	Walls							
	Concrete	100%			LIFE	**		
Wingwalls								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Riprap	100%			LIFE	**		
	Piles							
	Not Accessible	100%						
	Walls							
	Concrete	100%			LIFE	**	5	\$200
Feature Crossed								
	Mat (scour & erosion)							
	Stream Bed	100%			LIFE	**	5	\$2,700
				<i>Stream Channel, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
Approaches								
	Pavement							
	Asphalt	100%			2027	\$6,300		
	Curbs							
	Concrete	100%	4+	\$1,200	LIFE	**		
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK OAK BRIDGE**  
**Asset # : 14504**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Both Approaches</i>						
		<i>Explanation : Two Posts On Each Approach</i>						
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Piers								
Pier,Columns								
Concrete	10%			LIFE	**			
Steel	90%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Gratings								
Steel Grating	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Entire Deck</i>						
		<i>Explanation : Aluminum Grating</i>						
Railings/Parapets								
Aluminum	50%			LIFE	**			
Steel	30%			LIFE	**			
Timber	20%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : At Railings</i>						
Wearing Surface								
Wood Deck	100%			2035	**	5	\$2,900	
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Cracking And Rotting</i>						
Superstructure								
Primary Member								
Steel	100%			LIFE	**			
Secondary Member								
Steel	100%			LIFE	**	4-8	\$41,700	

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.

**DEPT. OF PARKS & RECREATION - 846  
CENTRAL PARK OAK BRIDGE  
Asset # : 14504**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK PINEBANK ARCH  
 Address : 5TH AVE. TO CENTRAL PARK WEST W62 ST PED BRDG OVER BRIDLE PATH  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0018.S59 / 14658 Yr Built/Renovated : 1861 / 1995  
 Area Sq Ft : 1,022 Project Type : PARKS AND RECREATION  
 Date of Survey : 25-Aug-2016 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 2446010

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$8,400
<b>Total</b>		<b>\$8,400</b>
Importance Code B		\$8,400
<b>Total</b>		<b>\$8,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$11,200			\$6,700
<b>Total</b>	<b>\$11,200</b>			<b>\$6,700</b>
Importance Code A	\$2,800			
Importance Code B	\$6,800			\$5,200
Importance Code C	\$1,700			\$1,500
<b>Total</b>	<b>\$11,200</b>			<b>\$6,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PINEBANK ARCH**  
**Asset # : 14658**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Masonry: Sandstone	5%	4+	\$1,300	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing/ Deteriorated Joint</i>								
Not Accessible	95%							
Joint with Deck								
Single Type	100%			LIFE		**		
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Stem (breastwall)								
Masonry: Schist/Gneiss	100%	4+	\$5,500	LIFE		**	3-5	\$16,700
<i>Soft Jts Deter/Missing, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$1,700	LIFE		**	3-5	\$4,800
<i>Soft Jts Deter/Missing, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$1,000
Approaches								
Pavement								
Asphalt	100%			2029	\$13,300			
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	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.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PINEBANK ARCH**  
**Asset # : 14658**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
Railings/Parapets								
Cast Iron	98%			LIFE	**			
	<i>Corrosion, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Top Rails At Midspan</i>							
	<i>Explanation : Joints Observed</i>							
Cast Iron	2%	4+	\$1,700	LIFE	**			
	<i>Loss of Section, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Superstructure</b>								
Deck,Structural								
Timber	2%	4+	\$1,000	LIFE	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Shakes And Rotted Timber Planks</i>							
Timber	98%			LIFE	**			
<b>Primary Member</b>								
Cast Iron	100%			LIFE	**	4	\$2,400	
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling</i>							
<b>Secondary Member</b>								
Steel	100%			LIFE	**	4-8	\$69,800	
	<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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK PLAYMATES ARCH BIN#: 2-24607-0  
 Address : 5TH AVE. TO CENTRAL PARK WEST 65 ST. TRANSVERSE AND CENTER DR.  
 Borough : MANHATTAN Agency's Number : M010-025  
 Program / Asset # : PAR0018.S11 / 177 Yr Built/Renovated : 1861 /  
 Area Sq Ft : 4,020 Project Type : PARKS AND RECREATION  
 Date of Survey : 11-Sep-2014 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 2246070

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$63,300
<b>Total</b>		<b>\$63,300</b>
Importance Code C		\$63,300
<b>Total</b>		<b>\$63,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$28,300	\$5,700	\$200	\$7,600
<b>Total</b>	<b>\$28,300</b>	<b>\$5,700</b>	<b>\$200</b>	<b>\$7,600</b>
Importance Code A	\$10,600			
Importance Code B	\$12,100			\$6,800
Importance Code C	\$5,600	\$5,700	\$200	\$800
<b>Total</b>	<b>\$28,300</b>	<b>\$5,700</b>	<b>\$200</b>	<b>\$7,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PLAYMATES ARCH BIN#: 2-24607-0**

**Asset # : 177**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Granite	100%	4+	\$3,500	LIFE	**	3-5	\$7,400	
			<i>Joints Missing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Erosion And Chipping</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brick	100%	4+	\$2,900	LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Spalling And Joint Erosion</i>					
<b>Feature Crossed</b>								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024			\$63,300	
Curbs								
Concrete	50%	4+	\$1,500	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Granite	50%	4+	\$3,000	LIFE	**	5	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks</i>					
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Timber	100%	2-4	\$2,400	2024			\$23,800	
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Splitting And Chipping</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PLAYMATES ARCH BIN#: 2-24607-0**

**Asset # : 177**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	80%			LIFE	**			
Granite	20%			LIFE	**			
Sidewalks								
Asphalt	90%			2021	\$4,300	4	\$4,200	
Cobblestone	10%			LIFE	**			
<b>Deck Elements</b>								
Curbs								
Concrete	50%			2046	**			
Granite	50%			LIFE	**			
Guide Railing								
Timber	100%	2-4	\$3,700	2046	**			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting And Chipping</i>								
Median								
Cobblestone	100%			2046	**			
Railings/Parapets								
Cast Iron	80%			LIFE	**			
Granite	20%			LIFE	**			
Sidewalks								
Asphalt	90%			2024	\$1,800	4	\$1,800	
Granite Paver	10%			LIFE	**	5		
Wearing Surface								
Asphalt	100%			2027	\$11,600	5	\$400	
Fascias								
Brick	60%	0-2	\$2,100	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	40%			LIFE	**	3-5	\$2,500	
<b>Superstructure</b>								
Primary Member								
Not Accessible	100%							
Secondary Member								
Masonry: Brick	10%	0-2	\$8,700	LIFE	**	3-5	\$1,500	
<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%			LIFE	**	3-5	\$13,200	

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK RIFTSTONE ARCH BIN#: 2-24614-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST W 72ND ST. AND CPW  
**Borough** : MANHATTAN **Agency's Number** : M010-136  
**Program / Asset #** : PAR0018.S36 / 2674 **Yr Built/Renovated** : 1862 / 1920  
**Area Sq Ft** : 7,650 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246140

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$121,600
<b>Total</b>		<b>\$121,600</b>
Importance Code C		\$121,600
<b>Total</b>		<b>\$121,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$32,300	\$11,300		
<b>Total</b>	<b>\$32,300</b>	<b>\$11,300</b>		
Importance Code A	\$32,300			
Importance Code C		\$11,300		
<b>Total</b>	<b>\$32,300</b>	<b>\$11,300</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK RIFTSTONE ARCH BIN#: 2-24614-0**

**Asset # : 2674**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Walls								
Riprap	25%			LIFE	**			
Schist/Gneiss	75%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	90%			LIFE	**	5	\$13,700	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Cobblestone	10%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024	\$121,600			
Curbs								
Concrete	100%	4+	\$3,700	LIFE	**			
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
Embankment								
Stone Rough Work	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE	**			
Sidewalks								
Asphalt	100%			2021	\$5,700	4	\$5,600	
<b>Deck Elements</b>								
Curbs								
Concrete	100%	2-4	\$3,700	2036	**			
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Cast Iron	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK RIFTSTONE ARCH BIN#: 2-24614-0**

**Asset # : 2674**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
<b>Sidewalks</b>								
	Asphalt	100%			2021	\$2,800	4	\$2,800
<b>Wearing Surface</b>								
	Asphalt	100%			2024	\$26,100	5	\$800
<b>Fascias</b>								
	Masonry: Stone	100%			LIFE	* *		
<b>Superstructure</b>								
<b>Primary Member</b>								
	Brownstone/Sandstone	100%	4+	\$25,000	LIFE	* *		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Signs Of Leakage And Loose Stones</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK RUSTIC BRIDGE (NO. 30)  
**Address** : 5TH AVE. TO CENTRAL PARK WEST AT POOL INLET ON W. SIDE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S82 / 14681 **Yr Built/Renovated** :  
**Area Sq Ft** : 780 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$1,000			
<b>Total</b>	<b>\$1,000</b>			
Importance Code A				
Importance Code C	\$1,000			
<b>Total</b>	<b>\$1,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK RUSTIC BRIDGE (NO. 30)**  
**Asset # : 14681**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Joint with Deck Single Type	100%			LIFE	**			
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection Single Type	100%			LIFE	**	5	\$300	
Mat (scour & erosion) Single Type	100%			LIFE	**	5	\$1,000	
Pier Protection Single Type	100%			LIFE	**			
<b>Approaches</b>								
Pavement Asphalt	100%	4+	\$1,000	2029	\$9,500			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment Earth	100%			LIFE	**			
Mat (scour & erosion) Single Type	100%			LIFE	**			
Pavement Base Single Type	100%			LIFE	**			
Railings/Parapets Steel	100%			LIFE	**			
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Side Only</i>								
<i>Explanation : Steel Fence</i>								
<b>Piers</b>								
Pier,Columns Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings 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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK RUSTIC BRIDGE (NO. 30)**

**Asset # : 14681**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Piers</b>								
	Mat (scour & erosion)							
	Not Accessible	100%						
<b>Piles</b>								
	Not Accessible	100%						
<b>Deck Elements</b>								
	Railings/Parapets							
	Timber	100%			LIFE		**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Fiberglass</i>					
<b>Sidewalks</b>								
	Fiberglass	100%			2033		**	
<b>Superstructure</b>								
	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.*

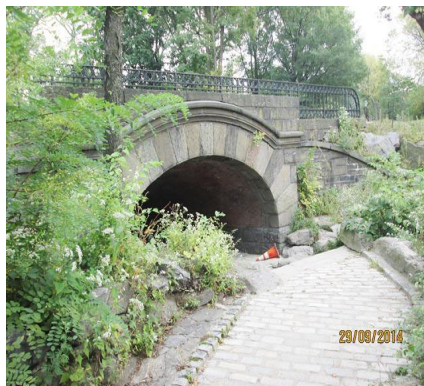
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK SPRINGBANKS ARCH - 231  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 102 ST AND BET EAST AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-231  
**Program / Asset #** : PAR0018.S17 / 859 **Yr Built/Renovated** : 1863 /  
**Area Sq Ft** : 2,664 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$225,500	
<b>Total</b>	<b>\$225,500</b>	
Importance Code A	\$132,600	
Importance Code B	\$41,600	
Importance Code C	\$51,300	
<b>Total</b>	<b>\$225,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$11,800			\$4,800
<b>Total</b>	<b>\$11,800</b>			<b>\$4,800</b>
Importance Code A	\$3,100			
Importance Code B	\$5,400			\$4,800
Importance Code C	\$3,300			
<b>Total</b>	<b>\$11,800</b>			<b>\$4,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK SPRINGBANKS ARCH - 231**

**Asset # : 859**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Schist/Gneiss	100%	4+	\$5,400	LIFE	**	3-5	\$6,500	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
			<i>Explanation : Missing/ Broken Element And Missing Joint Mortar</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	2-4	\$51,300	LIFE	**			
			<i>Joints Missing, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : North Side</i>					
			<i>Vegetation Growth, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : South Side</i>					
			<i>Explanation : Efflorescence</i>					
<b>Feature Crossed</b>								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Concrete	100%	2-4	\$132,600	LIFE	**	5	\$300	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Recent Replace Evident, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracking And Crumbling</i>					
<b>Approaches</b>								
Pavement								
Asphalt	40%			2024	\$13,500			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Earth	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK SPRINGBANKS ARCH - 231**  
**Asset # : 859**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
<b>Embankment</b>								
Earth	50%	4+	\$2,500	LIFE			**	
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Riprap	25%			LIFE			**	
Stone Rough Work	25%	4+	\$400	LIFE			**	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Mat (scour &amp; erosion)</b>								
Single Type	100%			LIFE			**	
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Railings/Parapets</b>								
Brownstone/Sandstone	15%	2-4	\$400	LIFE			**	
<i>Joints Missing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast Iron	35%			LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
Timber	50%	2-4	\$2,700	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing And Lack Lateral Support</i>								
<b>Wearing Surface</b>								
Asphalt	40%			2024	\$4,600	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
No Component	60%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Earth Material</i>								
<b>Fascias</b>								
Masonry: Stone	50%	4+	\$400	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
No Component	50%							
<b>Superstructure</b>								
<b>Primary Member</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK SPRINGBANKS ARCH - 231**

**Asset # : 859**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Secondary Member Masonry: Brick	100%	0-2	\$41,600	LIFE	**	3-5	\$8,800
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Erosion</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **CENTRAL PARK TERRACE BRIDGE BIN#: 2-24615-0**  
 Address : **5TH AVE. TO CENTRAL PARK WEST 72ND ST. AND BETHESDA TERRACE**  
 Borough : **MANHATTAN** Agency's Number : **M010-110**  
 Program / Asset # : **PAR0018.S30 / 1051** Yr Built/Renovated : **1900 / 1987**  
 Area Sq Ft : **5,330** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **15-Sep-2014** Landmark Status : **SCENIC LANDMARK**  
 Areas Surveyed :  
 Block : Lot : BIN : 2246150

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$65,000	\$265,900
<b>Total</b>	<b>\$65,000</b>	<b>\$265,900</b>
Importance Code B	\$65,000	
Importance Code C		\$265,900
<b>Total</b>	<b>\$65,000</b>	<b>\$265,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$37,100	\$4,500		\$34,400
<b>Total</b>	<b>\$37,100</b>	<b>\$4,500</b>		<b>\$34,400</b>
Importance Code A	\$9,700			
Importance Code B	\$21,700			\$24,800
Importance Code C	\$5,700	\$4,500		\$9,600
<b>Total</b>	<b>\$37,100</b>	<b>\$4,500</b>		<b>\$34,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TERRACE BRIDGE BIN#: 2-24615-0**  
**Asset # : 1051**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Granite	20%			LIFE	**	3-5	\$15,800	
Masonry: Sandstone	80%	4+	\$65,000	LIFE	**	3-5	\$63,400	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Lower Portion Of Wall</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Lower Portion Of The Wall</i>								
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%			LIFE	**	3-5	\$30,500	
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spalling And Joints Missing Throughout</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$4,200	2027	\$211,500			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Uneven Pavers Surface</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Pavers</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TERRACE BRIDGE BIN#: 2-24615-0**  
**Asset # : 1051**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	50%			LIFE	**			
Granite	50%			LIFE	**	5	\$100	
Embankment								
Single Type	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Granite Stairs Considered Outside Limits Of Survey</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	10%			2021	\$1,100	4	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Sidewalk</i>								
<i>Explanation : Bluestone Pavers</i>								
Asphalt	30%	4+	\$100	2021	\$2,700	4	\$1,800	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Uneven Pavers Surface</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Pavers</i>								
Masonry	60%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Sidewalk</i>								
<i>Explanation : Brick</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Sidewalk</i>								
<i>Explanation : 3 Catch Basins</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Masonry	100%	4+	\$21,700	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Misalignment, Spalling, Cracks And Efflorescence.</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TERRACE BRIDGE BIN#: 2-24615-0**  
**Asset # : 1051**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Steel	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Cast Iron Bollards Considered To Act As Guide Railing</i>						
Median								
Granite	100%			LIFE		**		
Railings/Parapets								
Brownstone/Sandstone	95%	4+	\$9,700	LIFE		**		
		<i>Erosion, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Joints Missing, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
Granite	5%			LIFE		**		
Sidewalks								
Asphalt	15%			2024	\$900	4	\$900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Asphalt Pavers</i>						
Bluestone Paver	15%			LIFE	**	5	\$100	
Brick	70%			2046	**	5	\$700	
Wearing Surface								
Asphalt	100%	4+	\$1,100	2024	\$54,400	5	\$800	
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Uneven Pavers Surface</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Asphalt Pavers</i>						
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Steel Girders Based On Inspection Report</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TERRACE BRIDGE BIN#: 2-24615-0**  
**Asset # : 1051**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Superstructure

Secondary Member

Not Accessible

100%

*Other Observation, Extent : Light, Area Affected : 0%*

*Location : Throughout*

*Explanation : Ceiling Is Covered With Ceramic Tiles And Plaster*

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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK TRANSVERSE RD #1 WB - ARCH K  
 Address : 5TH AVE. TO CENTRAL PARK WEST E 66TH ST. AND 5TH AVE.  
 Borough : MANHATTAN Agency's Number : M010-258  
 Program / Asset # : PAR0018.S39 / 156 Yr Built/Renovated :  
 Area Sq Ft : 5,852 Project Type : PARKS AND RECREATION  
 Date of Survey : 15-Sep-2014 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 2245380

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$119,000
<b>Total</b>		<b>\$119,000</b>
Importance Code A		\$36,000
Importance Code C		\$82,900
<b>Total</b>		<b>\$119,000</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$16,400	\$100		\$28,900
<b>Total</b>	<b>\$16,400</b>	<b>\$100</b>		<b>\$28,900</b>
Importance Code A	\$10,500			
Importance Code B	\$6,000			
Importance Code C		\$100		\$28,900
<b>Total</b>	<b>\$16,400</b>	<b>\$100</b>		<b>\$28,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TRANSVERSE RD #1 WB - ARCH K**  
**Asset # : 156**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Stucco Cement	100%			LIFE	**	3-5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Entire Wall Is Covered With Stucco Cement</i>						
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%			LIFE	**	3-5	\$75,900	
		<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Asphalt Paving	60%			LIFE	**	5	\$10,000	
		<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Cobblestone	40%			LIFE	**	5	\$300	
		<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
<b>Approaches</b>								
Pavement								
Asphalt	100%			2027			\$82,900	
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Cracking</i>						
Curbs								
Concrete w/ Steel Face	100%	0-2	\$6,500	LIFE	**			
		<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Corroded Sections</i>						
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TRANSVERSE RD #1 WB - ARCH K**  
**Asset # : 156**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Railings/Parapets Masonry	80%	2-4	\$1,800	2029	\$36,000	5	\$900	
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Joints Missing</i>							
Steel	20%			LIFE	**			
	<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
<b>Sidewalks</b>								
Concrete	100%			LIFE	**	4	\$4,500	
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracking</i>							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	Now	\$1,500	LIFE	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Corroded Sections</i>							
<b>Railings/Parapets</b>								
Masonry	80%	2-4	\$700	2029	\$13,500	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Joints Missing</i>							
Steel	20%			LIFE	**			
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
<b>Sidewalks</b>								
Concrete	100%			2026	\$8,700	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracking</i>							
<b>Wearing Surface</b>								
Asphalt	100%			2024	\$13,300	5	\$400	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
<b>Fascias</b>								
Masonry: Brownstone	100%			LIFE	**	3-5	\$15,200	
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
<b>Superstructure</b>								
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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TRANSVERSE RD #1 WB - ARCH K**  
**Asset # : 156**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Secondary Member							
	Stucco Cement	100%	4+	\$6,000	2034	**	5	\$19,700
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spall</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK TRAVERSE 1 BRGE NEAR DAIRY  
**Address** : 5TH AVE. TO CENTRAL PARK WEST PED BRIDGE OVER TRAVERSE 1  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S63 / 14662 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246090

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$31,200			\$15,700
<b>Total</b>	<b>\$31,200</b>			<b>\$15,700</b>
Importance Code A	\$1,600			\$1,100
Importance Code B	\$5,000			
Importance Code C	\$24,700			\$14,600
<b>Total</b>	<b>\$31,200</b>			<b>\$15,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TRAVERSE 1 BRGE NEAR DAIRY**  
**Asset # : 14662**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Walls								
Masonry	100%	4+	\$5,000	2048	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Masonry Sandstone</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Walls								
Masonry: Sandstone	100%	4+	\$22,600	LIFE	**	3-5	\$30,100	
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,000	
<b>Approaches</b>								
Pavement								
Asphalt	50%			2029	\$21,200			
Earth	50%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**			
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TRAVERSE 1 BRGE NEAR DAIRY**  
**Asset # : 14662**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Steel	100%	4+	\$1,600	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Side</i>								
<i>Explanation : Spall At Steel Posts Concrete Footing</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	50%			2029	\$9,100	5	\$300	
Asphalt	50%			2029	\$9,100	5	\$300	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Earth</i>								
<hr/>								
<b>Fascias</b>								
Masonry	100%	4+	\$2,000	LIFE		**	3-5	\$16,400
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Arch Barrel Stone Masonry Fascias</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Arch Barrel Stone Masonry Fascias</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Arch Barrel Stone Masonry Fascias</i>								
<i>Explanation : Loose/ Eroded Joints</i>								
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Brick	10%			LIFE		**	3-5	\$3,700
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Not Accessible	90%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 100 Percent Of Arch Barrel Covered With Fall Protection steel wiremesh</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK TREFOIL ARCH BIN#: 2-24617-0  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 73RD ST. AND EAST DRIVE  
**Borough** : MANHATTAN **Agency's Number** : M010-102  
**Program / Asset #** : PAR0018.S37 / 860 **Yr Built/Renovated** : 1862 / 1985  
**Area Sq Ft** : 7,504 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246170

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$35,500	\$165,900
<b>Total</b>	<b>\$35,500</b>	<b>\$165,900</b>
Importance Code A		\$45,300
Importance Code B	\$35,500	
Importance Code C		\$120,600
<b>Total</b>	<b>\$35,500</b>	<b>\$165,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$57,100	\$16,900		\$14,600
<b>Total</b>	<b>\$57,100</b>	<b>\$16,900</b>		<b>\$14,600</b>
Importance Code A	\$16,800			
Importance Code B	\$6,500			\$12,900
Importance Code C	\$33,800	\$16,900		\$1,800
<b>Total</b>	<b>\$57,100</b>	<b>\$16,900</b>		<b>\$14,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TREFOIL ARCH BIN#: 2-24617-0**  
**Asset # : 860**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Brick	100%	2-4	\$35,500	LIFE	**	3-5	\$14,300	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
			<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	4+	\$26,900	LIFE	**			
			<i>Erosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Explanation : Spalling And Efflorescence</i>					
<b>Feature Crossed</b>								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
Mat (scour & erosion)								
Asphalt Paving	25%	4+	\$6,300	LIFE	**	5	\$4,000	
			<i>Cracks, Extent : Moderate, Area Affected : 35%</i>					
			<i>Location : Throughout</i>					
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Concrete	75%			LIFE	**	5	\$600	
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TREFOIL ARCH BIN#: 2-24617-0**

**Asset # : 860**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%			2024	\$120,600			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<b>Curbs</b>								
Concrete	100%	4+	\$600	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<b>Embankment</b>								
Earth	100%			LIFE		**		
<b>Guide Railing</b>								
Timber	100%	4+	\$4,500	2024	\$45,300			
<i>Dry Rot, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Splits, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Mat (scour &amp; erosion)</b>								
Single Type	100%			LIFE		**		
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Brownstone/Sandstone	80%	4+	\$2,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
Cast Iron	20%			LIFE		**		
<b>Sidewalks</b>								
Asphalt	100%			2021	\$9,100	4	\$8,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Uneven Surface</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$200	2036		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TREFOIL ARCH BIN#: 2-24617-0**  
**Asset # : 860**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Guide Railing Timber	100%	4+	\$2,200	2036			**	
<i>Dry Rot, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Splits, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
Median Concrete	100%	4+	\$300	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<hr/>								
Railings/Parapets Brownstone/Sandstone	80%	4+	\$800	LIFE			**	
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
Cast Iron	20%			LIFE			**	
<hr/>								
Sidewalks Asphalt	100%			2021	\$3,600	4	\$3,600	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Uneven Surface</i>								
<hr/>								
Wearing Surface Asphalt	100%	4+	\$400	2024	\$20,700	5	\$300	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations</i>								
<hr/>								
Fascias Masonry: Brownstone	100%	4+	\$6,600	LIFE			**	3-5
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Superstructure</b>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TREFOIL ARCH BIN#: 2-24617-0**  
**Asset # : 860**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Secondary Member							
	Masonry: Brick	100%	2-4	\$6,500	LIFE	**	3-5	\$27,300
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wood Board Veneer</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK WEST 65TH ENT. OVER BRIDLE  
**Address** : 5TH AVE. TO CENTRAL PARK WEST WEST 65TH ENT. OVER BRIDLE PATH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S61 / 14660 **Yr Built/Renovated** : 1950 /  
**Area Sq Ft** : 2,244 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245420

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$16,200			\$10,400
<b>Total</b>	<b>\$16,200</b>			<b>\$10,400</b>
Importance Code A	\$7,000			
Importance Code B	\$900			
Importance Code C	\$8,300			\$10,400
<b>Total</b>	<b>\$16,200</b>			<b>\$10,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST 65TH ENT. OVER BRIDLE**

**Asset # : 14660**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%	4+	\$900	LIFE	**	5	\$200	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$7,200	LIFE	**	3-5	\$19,800	
			<i>Efflorescence, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$700	
<b>Approaches</b>								
Pavement								
Asphalt	100%			2029	\$19,000			
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Railings/Parapets								
Granite	100%	4+	\$1,100	LIFE	**			
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Broken/missing Element</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST 65TH ENT. OVER BRIDLE**

**Asset # : 14660**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Approaches</b>								
<b>Sidewalks</b>								
	Concrete	40%	4+	\$100	LIFE	**	4	\$500
		<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 100%</i> <i>Location : South Side</i>						
	Masonry	60%			LIFE	**		
		<i>Vegetation Growth, Extent : Light, Area Affected : 50%</i> <i>Location : North Side</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : North Side</i> <i>Explanation : Specifically, Granite</i>						
<b>Deck Elements</b>								
<b>Curbs</b>								
	Concrete w/ Steel Face	100%	4+	\$1,300	LIFE	**		
		<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i> <i>Location : North Side</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout North And South Side Of Bridge</i>						
	Railings/Parapets							
	Granite	100%	4+	\$1,300	LIFE	**		
		<i>Joints Missing, Extent : Light, Area Affected : 8%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i>						
	Sidewalks							
	Grating w/ Concrete	100%	4+	\$1,000	2048	**		
		<i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Cracking And Spalling</i>						
	Wearing Surface							
	Asphalt	100%			2029	\$9,800	5	\$300
	Fascias							
	Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$13,800
		<i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>						
<b>Superstructure</b>								
<b>Primary Member</b>								
	Concrete	100%	4+	\$3,300	LIFE	**		
		<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK WEST DRIVE OVER TRAVERSE 1  
**Address** : 5TH AVE. TO CENTRAL PARK WEST WEST DR. OVER TRAVERSE 1  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S60 / 14659 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 13,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Aug-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246120

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$114,600	\$241,800
<b>Total</b>	<b>\$114,600</b>	<b>\$241,800</b>
Importance Code B	\$39,800	
Importance Code C	\$74,900	\$241,800
<b>Total</b>	<b>\$114,600</b>	<b>\$241,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$40,600			\$12,200
<b>Total</b>	<b>\$40,600</b>			<b>\$12,200</b>
Importance Code A	\$19,700			\$7,700
Importance Code C	\$21,000			\$4,500
<b>Total</b>	<b>\$40,600</b>			<b>\$12,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 1**  
**Asset # : 14659**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Walls								
Granite	100%	4+	\$39,800	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$74,900	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northeast Wingwall</i>					
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$2,300
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$3,400	2029	\$169,200			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 1**

**Asset # : 14659**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
<b>Curbs</b>								
Concrete	50%	4+	\$1,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	50%	4+	\$700	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 8%</i>								
<i>Location : Northeast Approach</i>								
<i>Settlement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Embankment</b>								
Single Type	100%			LIFE	**			
<hr/>								
<b>Railings/Parapets</b>								
Timber	100%			LIFE	**			
<i>Dry Rot, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Splits, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Sidewalks</b>								
Asphalt	50%	4+	\$2,300	2028	\$2,300	4	\$1,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Approach Sidewalk</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Single Type	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Earth</i>								
<hr/>								
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 1**

**Asset # : 14659**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	50%	4+	\$1,000	2048			**	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	50%	4+	\$700	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Median</b>								
Cobblestone	100%	4+	\$1,000	2048			**	
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE			**	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Fence On West Side And Steel Guide Rail On East</i>								
<b>Sidewalks</b>								
Asphalt	50%	4+	\$700	2026	\$2,300	4	\$1,500	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Single Type	50%			2033			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East And West Sides Of Deck</i>								
<i>Explanation : Grass Area Exists</i>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$1,500	2029	\$72,500	5	\$1,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Fascias</b>								
Masonry: Schist/Gneiss	100%	4+	\$13,200	LIFE			**	3-5
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Impact Damage, Extent : Light, Area Affected : 1%</i>								
<i>Location : Under West Arch Barrel</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

**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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 1**  
**Asset # : 14659**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Primary Member								
Masonry: Brick	20%	2-4	\$14,700	LIFE	**	3-5	\$24,900	
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Steel Wiremesh Fall Protection</i>					
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK WEST DRIVE OVER TRAVERSE 2  
 Address : 5TH AVE. TO CENTRAL PARK WEST WEST DR. OVER TRAVERSE 2  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0018.S71 / 14670 Yr Built/Renovated : 1920 /  
 Area Sq Ft : 12,480 Project Type : PARKS AND RECREATION  
 Date of Survey : 09-Sep-2016 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 2246240

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$143,400
<b>Total</b>		<b>\$143,400</b>
Importance Code C		\$143,400
<b>Total</b>		<b>\$143,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$104,800		\$800	\$14,800
<b>Total</b>	<b>\$104,800</b>		<b>\$800</b>	<b>\$14,800</b>
Importance Code A	\$27,400			\$3,500
Importance Code B	\$30,400			\$8,100
Importance Code C	\$47,000		\$800	\$3,100
<b>Total</b>	<b>\$104,800</b>		<b>\$800</b>	<b>\$14,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 2**

**Asset # : 14670**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Abutments</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Single Type	100%			LIFE	* *		
	Stem (breastwall)							
	Granite	100%	4+	\$30,400	LIFE	* *	3-5	\$25,900
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracks, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Joints Missing, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
<b>Wingwalls</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Single Type	100%			LIFE	* *		
	Piles							
	Not Accessible	100%						
	Walls							
	Granite	100%	4+	\$29,600	LIFE	* *		
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Joints Missing, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
<b>Feature Crossed</b>								
	Mat (scour & erosion)							
	Single Type	100%			LIFE	* *	5	\$2,100
<b>Approaches</b>								
	Pavement							
	Asphalt	50%	4+	\$1,500	2029	\$77,200		
				<i>Cracks, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
	Earth	50%			LIFE	* *		
	Curbs							
	Concrete	100%			LIFE	* *		
	Embankment							
	Earth	100%			LIFE	* *		
	Mat (scour & erosion)							
	Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 2**  
**Asset # : 14670**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Steel	75%			LIFE	**			
		<i>Vegetation Growth, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Timber	25%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : East Side Only</i>						
		<i>Explanation : Timber Railing</i>						
<b>Sidewalks</b>								
Asphalt	50%	4+	\$500	2026	\$2,300	4	\$1,500	
		<i>Erosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Unevenness</i>						
Single Type	50%			LIFE	**			
<b>Piers</b>								
Footings								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%			2048	**			
<b>Railings/Parapets</b>								
Steel	75%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 80%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Vegetation Growth</i>						
Timber	25%	4+	\$300	LIFE	**			
		<i>Checks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Splits, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Sidewalks</b>								
Asphalt	55%			2026	\$2,500	4	\$1,600	
Earth	45%			LIFE	**	5	\$100	
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$1,300	2029	\$66,200	5	\$1,000	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 2**  
**Asset # : 14670**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Fascias</b>								
Masonry: Granite	100%	4+	\$14,100	LIFE	**	3-5	\$10,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Fascia</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : East Fascia</i>								
<i>Explanation : Impact Damage</i>								
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Brick	10%	2-4	\$27,000	LIFE	**	3-5	\$11,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Middle Of Span</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination And Area With Damaged Protection Netting</i>								
<hr/>								
Not Accessible	90%							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK WEST DRIVE OVER TRAVERSE 3  
**Address** : 5TH AVE. TO CENTRAL PARK WEST WEST DR. OVER TRAVERSE 3  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S75 / 14674 **Yr Built/Renovated** : 1952 /  
**Area Sq Ft** : 8,880 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246260

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$152,600
<b>Total</b>		<b>\$152,600</b>
Importance Code C		\$152,600
<b>Total</b>		<b>\$152,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$53,600		\$700	\$14,600
<b>Total</b>	<b>\$53,600</b>		<b>\$700</b>	<b>\$14,600</b>
Importance Code A	\$35,200			\$2,500
Importance Code B	\$3,100			
Importance Code C	\$15,400		\$700	\$12,100
<b>Total</b>	<b>\$53,600</b>		<b>\$700</b>	<b>\$14,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 3**

**Asset # : 14674**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			* *	
Stem (breastwall)								
Masonry	100%	4+	\$3,100	LIFE			* *	
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Masonry Sandstone</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%	4+	\$8,000	LIFE		* *	3-5	\$26,600
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE		* *	5	\$1,600
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$2,100	2029			\$106,800	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%	2-4	\$1,500	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Scaling</i>					
Embankment								
Earth	100%			LIFE			* *	
Guide Railing								
Timber	100%	4+	\$1,100	2029			\$22,700	
			<i>Splits, 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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 3**

**Asset # : 14674**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Steel	100%	2-4	\$6,300	LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Northeast Corner</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : The East Side</i>					
			<i>Explanation : Exposed Fence Footing</i>					
<hr/>								
Sidewalks								
Asphalt	50%	4+	\$1,400	2026	\$2,300	4	\$1,500	
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Asphalt	50%			2026	\$2,300	4	\$1,500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Earth</i>					
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%	2-4	\$2,000	2048		**		
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Bluestone Pavers</i>					
<hr/>								
Guide Railing								
Timber	100%	2-4	\$2,700	2048		**		
			<i>Splits, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
Railings/Parapets								
Steel	100%	2-4	\$11,900	LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : The East Side</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : The East Side</i>					
			<i>Explanation : The East Side</i>					
<hr/>								
Sidewalks								
Asphalt	50%	4+	\$100	2026	\$2,300	4	\$1,500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Earth	50%			LIFE		**	\$200	
<hr/>								
Wearing Surface								
Asphalt	100%	4+	\$2,300	2029	\$45,800	5	\$700	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
CENTRAL PARK WEST DRIVE OVER TRAVERSE 3  
Asset # : 14674**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Fascias							
	Masonry	100%	4+	\$1,500	LIFE	**	3-5	\$12,000
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Fascias Portions Of Arch Barrel</i>						
		<i>Explanation : Loose/ Eroded Joint Mortar</i>						
<hr/>								
<b>Superstructure</b>								
	Primary Member							
	Masonry: Brick	10%	2-4	\$9,600	LIFE	**	3-5	\$8,100
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
	Not Accessible	90%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Arch Barrel</i>						
		<i>Explanation : Only Brick Fascias Portion Of The Arch Is Visible</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK WEST DRIVE OVER TRAVERSE 4  
**Address** : 5TH AVE. TO CENTRAL PARK WEST WEST DR. OVER TRAVERSE 4  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S81 / 14680 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 8,352 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Oct-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246280

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$136,800
<b>Total</b>		<b>\$136,800</b>
Importance Code C		\$136,800
<b>Total</b>		<b>\$136,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$55,800		\$700	\$4,800
<b>Total</b>	<b>\$55,800</b>		<b>\$700</b>	<b>\$4,800</b>
Importance Code A	\$30,700			
Importance Code C	\$25,200		\$700	\$4,800
<b>Total</b>	<b>\$55,800</b>		<b>\$700</b>	<b>\$4,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 4**

**Asset # : 14680**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	100%			LIFE	**	3-5		
			<i>Joints Missing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Walls								
Concrete	50%	4+	\$3,300	LIFE	**	5	\$1,700	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	50%	4+	\$7,300	LIFE	**			
			<i>Joints Missing, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,800	
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$4,500	2029	\$91,000			
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Timber	100%			LIFE	**			
			<i>Dry Rot, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northeast Approach</i>					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 4**

**Asset # : 14680**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Sidewalks</b>								
Asphalt	50%			2026	\$2,300	4	\$1,500	
Single Type	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Earth Sidewalk</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$1,200	2048	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Middle Of Span, West Curb</i>								
<b>Guide Railing</b>								
Timber	100%	4+	\$3,200	2048	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Near North Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Side Only</i>								
<i>Explanation : Timber Guiderail</i>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**			
<b>Sidewalks</b>								
Asphalt	50%	4+	\$500	2026	\$2,700	4	\$1,800	
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Scattered Locations Throughout</i>								
Earth	50%			LIFE	**	5	\$200	
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$900	2029	\$45,800	5	\$700	
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Fascias</b>								
Masonry: Granite	100%	4+	\$8,600	LIFE	**	3-5	\$15,400	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Brick	10%	2-4	\$26,300	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Efflorescence 5 Percent. Spalling 30 Percent. Joints Missing 10 Percent. 95 Percent Under Repair With Metal Screening</i>								
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK WEST DRIVEDALEHEAD ARCH  
**Address** : BRIDAL PATH OPPOSITE W 64TH ST 64TH ST. AND WEST DR.  
**Borough** : MANHATTAN **Agency's Number** : M010-044  
**Program / Asset #** : PAR0018.S55 / 159 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 6,237 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246080

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$88,200
<b>Total</b>		<b>\$88,200</b>
Importance Code C		\$88,200
<b>Total</b>		<b>\$88,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$64,800	\$7,000	\$400	\$11,900
<b>Total</b>	<b>\$64,800</b>	<b>\$7,000</b>	<b>\$400</b>	<b>\$11,900</b>
Importance Code A	\$7,000			
Importance Code B	\$36,200			\$11,900
Importance Code C	\$21,500	\$7,000	\$400	
<b>Total</b>	<b>\$64,800</b>	<b>\$7,000</b>	<b>\$400</b>	<b>\$11,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVEDALEHEAD ARCH**  
**Asset # : 159**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	80%	2-4	\$9,800	LIFE	**	3-5	\$15,800	
			<i>Joins Missing, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Masonry: Brownstone	20%	2-4	\$3,900	LIFE	**	3-5	\$3,900	
			<i>Erosion, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	4+	\$13,200	LIFE	**			
			<i>Erosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Joins Missing, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescent</i>					
<b>Feature Crossed</b>								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$1,800	2024		\$88,200		
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVEDALEHEAD ARCH**  
**Asset # : 159**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Approaches</b>								
<b>Curbs</b>								
Concrete	100%			LIFE			* *	
<b>Embankment</b>								
Earth	100%			LIFE			* *	
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Brownstone/Sandstone	100%	4+	\$4,700	LIFE			* *	
<i>Erosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Sidewalks</b>								
Asphalt	100%	4+	\$1,400	2021	\$7,000	4	\$4,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Beginning And End Approaches</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%			2036			* *	
<b>Median</b>								
Cobblestone	100%			2046			* *	
<b>Railings/Parapets</b>								
Brownstone/Sandstone	100%	4+	\$2,300	LIFE			* *	
<i>Erosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<b>Sidewalks</b>								
Asphalt	100%			2024	\$3,400	4	\$3,400	
<b>Wearing Surface</b>								
Asphalt	100%			2027	\$24,100	5	\$700	
<b>Fascias</b>								
Brownstone/Sandstone	100%	4+	\$4,100	LIFE			* *	
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Efflorescence</i>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVEDALEHEAD ARCH**

**Asset # : 159**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Secondary Member							
	Masonry: Brick	80%	2-4	\$17,800	LIFE	**	3-5	\$15,000
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Fascias And Arches</i>						
		<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
	Masonry: Brownstone	20%	4+	\$4,700	LIFE	**	3-5	\$3,700
		<i>Erosion, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Recent Repair Evident</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

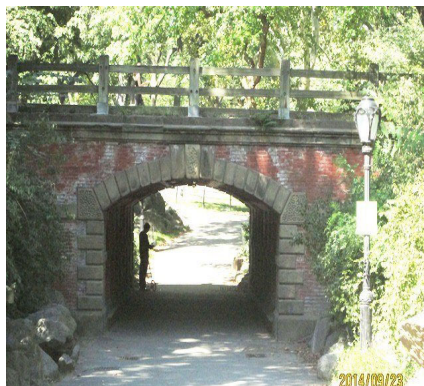
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK WILLOWDELL ARCH  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 67TH ST. AND EAST DR  
**Borough** : MANHATTAN **Agency's Number** : M010-  
**Program / Asset #** : PAR0018.S14 / 3026 **Yr Built/Renovated** : 1860 /  
**Area Sq Ft** : 2,928 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246130

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$35,200	\$46,200
<b>Total</b>	<b>\$35,200</b>	<b>\$46,200</b>
Importance Code B	\$35,200	
Importance Code C		\$46,200
<b>Total</b>	<b>\$35,200</b>	<b>\$46,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$25,400	\$6,900	\$100	\$12,300
<b>Total</b>	<b>\$25,400</b>	<b>\$6,900</b>	<b>\$100</b>	<b>\$12,300</b>
Importance Code A	\$9,500			
Importance Code B	\$15,400			\$8,900
Importance Code C	\$600	\$6,900	\$100	\$3,300
<b>Total</b>	<b>\$25,400</b>	<b>\$6,900</b>	<b>\$100</b>	<b>\$12,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WILLOWDELL ARCH**  
**Asset # : 3026**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	70%	4+	\$11,500	LIFE	**	3-5	\$9,200	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Masonry: Sandstone	30%	4+	\$3,900	LIFE	**	3-5	\$4,800	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brick	80%			LIFE	**			
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence</i>					
Masonry: Sandstone	20%			LIFE	**	3-5	\$5,100	
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$3,900	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Approaches								
Pavement								
Asphalt	100%			2024			\$46,200	
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	80%			LIFE	**			
Rubble Stone	20%			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.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WILLOWDELL ARCH**  
**Asset # : 3026**

Park Bridges		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								
	Guide Railing							
	Timber	100%	4+	\$2,600	2024	\$26,100		
				<i>Cracks, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Dry Rot, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Pavement Base							
	Not Accessible	100%						
	Railings/Parapets							
	Timber	100%			LIFE	**		
				<i>Cracks, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Dry Rot, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Sidewalks							
	Asphalt	100%			2021	\$5,200	4	\$5,100
	Scupper							
	Cast Iron	100%			LIFE	**		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : West Curbline</i>				
				<i>Explanation : Two Catch Basins</i>				
Deck Elements								
	Curbs							
	Concrete	100%			2036	**		
	Guide Railing							
	Timber	100%	4+	\$3,100	2046	**		
				<i>Cracks, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Dry Rot, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
	Median							
	Concrete	100%	2-4	\$1,800	LIFE	**		
				<i>Cracks, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Throughout Especially At Post Bases</i>				
				<i>Spalling, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Railings/Parapets							
	Timber	100%	Now	\$2,100	LIFE	**		
				<i>Cracks, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Dry Rot, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Sidewalks							
	Asphalt	100%			2024	\$1,700	4	\$1,700
	Wearing Surface							
	Asphalt	100%			2027	\$6,500	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WILLOWDELL ARCH**  
**Asset # : 3026**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Fascias							
	Masonry: Sandstone	100%			LIFE	**	3-5	\$5,600
<b>Superstructure</b>								
	Primary Member							
	Not Accessible	100%						
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Arch Based On Geometry</i>					
	Secondary Member							
	Masonry: Brick	100%	Now	\$35,200	LIFE	**	3-5	\$14,900
			<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Joints Missing, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Throughout West Side</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout West Side</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK WINTERDALE ARCH BIN#: 2-24636-0  
 Address : 5TH AVE. TO CENTRAL PARK WEST 82ND ST. AND WEST DR.  
 Borough : MANHATTAN Agency's Number : M010-165  
 Program / Asset # : PAR0018.S52 / 251 Yr Built/Renovated : 1861 / 1994  
 Area Sq Ft : 4,256 Project Type : PARKS AND RECREATION  
 Date of Survey : 29-Sep-2014 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 2246360

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$36,500
<b>Total</b>		<b>\$36,500</b>
Importance Code C		\$36,500
<b>Total</b>		<b>\$36,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$26,400	\$1,200		\$10,000
<b>Total</b>	<b>\$26,400</b>	<b>\$1,200</b>		<b>\$10,000</b>
Importance Code A	\$900			
Importance Code B	\$13,200			\$5,700
Importance Code C	\$12,300	\$1,200		\$4,300
<b>Total</b>	<b>\$26,400</b>	<b>\$1,200</b>		<b>\$10,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WINTERDALE ARCH BIN#: 2-24636-0**

**Asset # : 251**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	100%			LIFE	**	3-5		
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Erosion And 8 Weep Holes</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$9,800	LIFE	**			
		<i>Erosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Joints Missing, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Random Locations</i>						
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
		<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Mat (scour & erosion)								
Asphalt Paving	25%			LIFE	**	5	\$5,700	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations</i>						
Cobblestone	5%			LIFE	**	5	\$100	
Earth	70%			LIFE	**	5	\$2,100	
Approaches								
Pavement								
Asphalt	100%			2024			\$36,500	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations</i>						
Curbs								
Concrete	100%	4+	\$200	LIFE	**			
		<i>Spalling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations</i>						
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations</i>						
		<i>Explanation : Joints Missing</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WINTERDALE ARCH BIN#: 2-24636-0**

**Asset # : 251**

<b>Park Bridges</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>	
<b>Approaches</b>									
Embankment									
Earth	100%			LIFE		**			
Guide Railing									
Steel	50%			LIFE		**			
Timber	50%	4+	\$200	2024	\$8,500				
<i>Splits, Extent : Light, Area Affected : 10%</i>									
<i>Location : Random Locations</i>									
Mat (scour & erosion)									
Single Type	100%			LIFE		**			
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Cast Iron	100%			LIFE		**			
Sidewalks									
Cobblestone	100%			LIFE		**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									
<i>Explanation : Settlement</i>									
<b>Deck Elements</b>									
Curbs									
Concrete	100%	4+	\$200	2036		**			
<i>Spalling, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									
<i>Other Observation, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations</i>									
<i>Explanation : Joints Missing</i>									
Guide Railing									
Steel	50%			LIFE		**			
Timber	50%	4+	\$300	2036		**			
<i>Splits, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Railings/Parapets									
Cast Iron	100%			LIFE		**			
Sidewalks									
Cobblestone	100%			2046		**	5	\$2,400	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									
<i>Explanation : Settlement</i>									
Wearing Surface									
Asphalt	100%			2024	\$24,000		5	\$700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WINTERDALE ARCH BIN#: 2-24636-0**  
**Asset # : 251**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Fascias</b>								
Masonry: Brownstone	50%	4+	\$2,500	LIFE	**	3-5	\$6,700	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	50%			LIFE	**	3-5	\$6,900	
<b>Superstructure</b>								
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
Masonry: Brick	20%	0-2	\$13,200	LIFE	**	3-5	\$3,700	
<i>Efflorescence, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation :</i>								
<i>Cracking and Crumbling 20%</i>								
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Erosion And Water Infiltration</i>								
Masonry: Brick	80%			LIFE	**	3-5	\$14,800	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK GREEN GAP ARCH OVER PED PATH BET. 63 & 64 STS  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 64TH ST. AND EAST DR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.S13 / 3020 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,466 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246069

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$135,100
<b>Total</b>		<b>\$135,100</b>
Importance Code C		\$135,100
<b>Total</b>		<b>\$135,100</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$96,800	\$10,500	\$400	\$38,200
<b>Total</b>	<b>\$96,800</b>	<b>\$10,500</b>	<b>\$400</b>	<b>\$38,200</b>
Importance Code A	\$4,900			\$400
Importance Code B	\$69,400			\$18,500
Importance Code C	\$22,500	\$10,500	\$400	\$19,400
<b>Total</b>	<b>\$96,800</b>	<b>\$10,500</b>	<b>\$400</b>	<b>\$38,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREEN GAP ARCH OVER PED PATH BET. 63 & 64 STS**  
**Asset # : 3020**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	80%	2-4	\$33,200	LIFE	**	3-5	\$26,700	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Area Under Bridge Is Gated</i>								
Masonry: Sandstone	20%	4+	\$6,600	LIFE	**	3-5	\$8,100	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Water Penetration</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%	4+	\$18,600	LIFE	**	3-5	\$62,000	
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northwest Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Eroded Mortar Joints And Efflorescence</i>								
Feature Crossed								
Bank Protection								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Roadway Crossed Assumed To Be Asphalt. Not Accessible</i>								
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREEN GAP ARCH OVER PED PATH BET. 63 & 64 STS**  
**Asset # : 3020**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$2,700	2024	\$135,100			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Curbs								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$2,100	LIFE	**			
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Asphalt	100%			2021	\$7,900	4	\$7,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Deck Elements								
Curbs								
Concrete	100%			2036	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Median								
Cobblestone	100%	2-4	\$2,100	2046	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Masonry: Sandstone	100%	4+	\$700	LIFE	**	3-5	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Erosion, Eroded Mortar Joints</i>								
Sidewalks								
Asphalt	100%			2024	\$3,600	4	\$3,600	
Wearing Surface								
Asphalt	100%			2027	\$26,500	5	\$800	
Superstructure								
Primary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Concrete Arch Not Visible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREEN GAP ARCH OVER PED PATH BET. 63 & 64 STS**  
**Asset # : 3020**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Secondary Member							
	Masonry: Brick	95%	2-4	\$28,000	LIFE	**	3-5	\$23,600
		<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout</i> <i>Joints Missing, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 15%</i> <i>Location : Throughout</i>						
	Masonry: Brownstone	5%	4+	\$1,600	LIFE	**	3-5	\$1,200
		<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout</i> <i>Erosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : South Fascia</i> <i>Explanation : Water Penetration</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK CLOVE LAKES DAM BRIDGE  
**Address** : NORTH END OF CLOVE LAKE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.110 / 14383 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,090 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249730

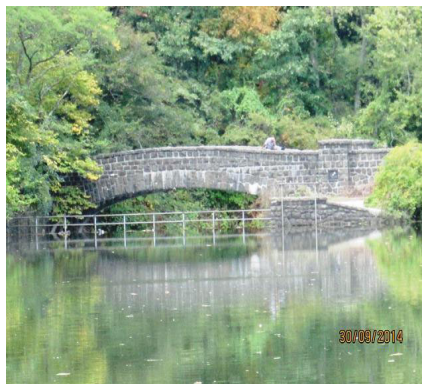
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$9,400			\$8,500
<b>Total</b>	<b>\$9,400</b>			<b>\$8,500</b>
Importance Code A	\$3,900			
Importance Code B	\$600			
Importance Code C	\$4,900			\$8,500
<b>Total</b>	<b>\$9,400</b>			<b>\$8,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CLOVE LAKES DAM BRIDGE**

**Asset # : 14383**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry	100%	4+	\$600	LIFE	**			
			<i>Efflorescence, Extent : Severe, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$3,100	LIFE	**	3-5	\$27,300	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Feature Crossed								
Bank Protection								
Stream Bed	100%			LIFE	**			
			<i>Stream Channel, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$200	2027	\$9,600			
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Isolated Locations</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Uneven Surface</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CLOVE LAKES DAM BRIDGE**  
**Asset # : 14383**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Railings/Parapets Masonry	100%	4+	\$300	2029	\$16,200	5	\$400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Locations</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Deck Elements</b>								
Railings/Parapets Masonry	100%	4+	\$500	2035	**	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Isolated Locations</i>								
<i>Explanation : Cracks With Efflorescence In Joint Mortar And Few Localized Areas Of Missing Mortar Between Stones</i>								
<hr/>								
Wearing Surface Asphalt	100%	4+	\$100	2027	\$6,200	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Isolated Locations</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Stone	100%	4+	\$1,500	LIFE	**			
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations</i>								
<hr/>								
<b>Superstructure</b>								
Primary Member Concrete	100%	4+	\$3,100	LIFE	**			
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Underside Of Both Fascias</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK EAST FOOTBRIDGE  
**Address** : FROM PARK DRIVE TO ISLAND CLOVE LAKE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.120 / 14384 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,405 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249720

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$6,800			
<b>Total</b>	<b>\$6,800</b>			
Importance Code A	\$700			
Importance Code B	\$1,600			
Importance Code C	\$4,500			
<b>Total</b>	<b>\$6,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK EAST FOOTBRIDGE**  
**Asset # : 14384**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%	4+	\$3,800	LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
			<i>Explanation : Joints Missing</i>					
<b>Feature Crossed</b>								
Bank Protection								
Concrete	25%			LIFE	**			
			<i>Stream Channel, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Single Type	75%			LIFE	**	5	\$200	
			<i>Stream Channel, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,300	
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$600	2027	\$11,300			
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2029	\$20,300	5	\$1,100	
<b>Piers</b>								
Stem,Solid Pier								
Masonry	100%	2-4	\$1,600	LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracks</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
CLOVE LAKES PARK EAST FOOTBRIDGE  
Asset # : 14384**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Piers</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Railings/Parapets								
Masonry	100%			2035	**	5	\$1,500	
Wearing Surface								
Asphalt	100%	4+	\$100	2024	\$6,600	5	\$100	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations</i>					
<b>Fascias</b>								
Masonry: Stone	100%			LIFE	**			
<b>Superstructure</b>								
Primary Member								
Steel	2%			LIFE	**			
			<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence On The Corrugated Steel</i>					
Not Accessible	98%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK PEDESTRIAN BRIDGE  
**Address** : SOUTH OF BROOKS LAKE OVER STREAM  
**Borough** : STATEN ISLAND **Agency's Number** : 2249770  
**Program / Asset #** : PAR0015.080 / 14380 **Yr Built/Renovated** :  
**Area Sq Ft** : 800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$19,900		\$100	
<b>Total</b>	<b>\$19,900</b>		<b>\$100</b>	
Importance Code A	\$3,800			
Importance Code B	\$13,600			
Importance Code C	\$2,500		\$100	
<b>Total</b>	<b>\$19,900</b>		<b>\$100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK PEDESTRIAN BRIDGE**

**Asset # : 14380**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Abutments</b>								
	Bridge Seat&pedestals							
	Not Accessible	100%						
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Not Accessible	100%						
	Stem (breastwall)							
	Masonry	75%	4+	\$12,500	LIFE			**
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	Masonry	25%			LIFE			**
<b>Wingwalls</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Not Accessible	100%						
	Piles							
	Not Accessible	100%						
	Walls							
	Masonry: Stone	100%	4+	\$2,500	LIFE			**
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracking And Missing Joints</i>							
<b>Feature Crossed</b>								
	Mat (scour & erosion)							
	Stream Bed	100%			LIFE		5	\$2,300
	<i>Stream Channel, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
<b>Approaches</b>								
	Pavement							
	Asphalt	100%			2024	\$15,500		
	Embankment							
	Earth	100%			LIFE			**
	Pavement Base							
	Not Accessible	100%						
<b>Piers</b>								
	Cap Beam							
	Concrete	80%	4+	\$2,200	LIFE			**
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations</i>							
	Concrete	20%			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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK PEDESTRIAN BRIDGE**  
**Asset # : 14380**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Piers</b>								
Stem,Solid Pier Masonry	100%	4+	\$1,000	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Between Stone Masonry</i>								
<i>Explanation : Cracks In Joint Mortar</i>								
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Piles Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Railings/Parapets Timber	100%	4+	\$1,600	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations In Timber Rails And Posts</i>								
<i>Explanation : Cracks</i>								
<hr/>								
Wearing Surface Asphalt	100%			2027	\$8,300	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Raveling</i>								
<hr/>								
Fascias Timber	100%			2031			**	
<hr/>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE		5	\$900	
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK PEDESTRIAN BRIDGE  
**Address** : 2ND BRIDGE S. OF RICHMOND LAKE DIRT PATH ON BOTH ENDS  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.100 / 14382 **Yr Built/Renovated** :  
**Area Sq Ft** : 624 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges				\$1,200
<b>Total</b>				<b>\$1,200</b>
Importance Code A				
Importance Code C				\$1,200
<b>Total</b>				<b>\$1,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK PEDESTRIAN BRIDGE**

**Asset # : 14382**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%			LIFE	**			
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**	3-5	\$3,900	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**	5	\$500	
<i>Stream Channel, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Approaches</b>								
Embankment								
Earth	50%			LIFE	**			
Rubble Stone	50%			LIFE	**			
Railings/Parapets								
Timber	100%			LIFE	**			
<i>Dry Rot, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Painted</i>								
Fascias								
Timber	100%			2031	**			
<b>Deck Elements</b>								
Railings/Parapets								
Timber	100%			LIFE	**			
<i>Dry Rot, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bottom Of Posts</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Painted</i>								
Wearing Surface								
Asphalt	100%			2024	\$2,800	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK PEDESTRIAN BRIDGE**

**Asset # : 14382**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Deck Elements									
	Fascias								
	Timber	100%			2031	**			
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	**	5	\$300	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK PEDESTRIAN PARK  
**Address** : 1ST BRIDGE S. OF RICHMOND LAKE FOOT BRIDGE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.090 / 14381 **Yr Built/Renovated** :  
**Area Sq Ft** : 736 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$24,400			
<b>Total</b>	<b>\$24,400</b>			
Importance Code A	\$3,400			
Importance Code B	\$14,900			
Importance Code C	\$6,100			
<b>Total</b>	<b>\$24,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK PEDESTRIAN PARK**  
**Asset # : 14381**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%	4+	\$14,900	LIFE			**	
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%	4+	\$2,800	LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracking And Missing Joints</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**	5	\$500
			<i>Stream Channel, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$3,300	2024	\$10,900			
			<i>Broken,Missing Pave, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South Approach</i>					
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South Approach</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>					
			<i>Location : South Approach</i>					
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Railings/Parapets								
Timber	100%	Now	\$1,100	LIFE		**		
			<i>Dry Rot, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Near Bottom Of Posts</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Both Sides</i>					
			<i>Explanation : Two Loose Posts</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK PEDESTRIAN PARK**  
**Asset # : 14381**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Approaches								
Fascias								
Timber	100%			2031			**	
Deck Elements								
Railings/Parapets								
Timber	100%	Now	\$2,300	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughtout</i>								
<i>Dry Rot, Extent : Light, Area Affected : 15%</i>								
<i>Location : Bottom Of Posts</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Railing</i>								
<i>Explanation : Loose Post</i>								
Fascias								
Timber	100%			2031			**	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$300

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK WEST FOOTBRIDGE  
**Address** : FROM CLOVE LAKE ISLAND TO PARK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.130 / 14385 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,405 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249710

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$7,100			
<b>Total</b>	<b>\$7,100</b>			
Importance Code A	\$600			
Importance Code B	\$1,600			
Importance Code C	\$5,000			
<b>Total</b>	<b>\$7,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WEST FOOTBRIDGE**

**Asset # : 14385**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%	4+	\$3,800	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Missing/ Broken Elements And Joints Missing Between Stones.</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,300	
<i>Stream Channel, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$600	2027	\$11,300			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2029	\$20,300	5	\$1,100	
Piers								
Stem,Solid Pier								
Masonry	100%	4+	\$1,600	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Fascias</i>								
<i>Explanation : Efflorescence, Leaching.</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WEST FOOTBRIDGE**  
**Asset # : 14385**

Park Bridges		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								
Railings/Parapets								
Masonry	100%	4+	\$600	2029	\$27,700	5	\$700	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
			<i>Explanation : Missing Joints</i>					
Wearing Surface								
Asphalt	100%	4+	\$700	2027	\$6,600	5	\$100	
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Settlement</i>					
Fascias								
Masonry: Stone	100%			LIFE			**	
Superstructure								
Primary Member								
Steel	2%			LIFE			**	
			<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Efflorescence On Corrugated Steel</i>					
Not Accessible	98%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK BRIDGE FOREST AVE BRIDGE/ PARK STREAM  
**Address** : NORTHERN END OF PARK FOREST AVE OVER CLOVE LAKES PARK STREAM  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.140 / 14396 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,352 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249800

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$37,300	\$100		\$8,000
<b>Total</b>	<b>\$37,300</b>	<b>\$100</b>		<b>\$8,000</b>
Importance Code A	\$29,900			
Importance Code B	\$400			
Importance Code C	\$6,900	\$100		\$8,000
<b>Total</b>	<b>\$37,300</b>	<b>\$100</b>		<b>\$8,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BRIDGE FOREST AVE BRIDGE/ PARK STREAM**  
**Asset # : 14396**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : South Side Of Arch Bridge Opening</i>						
		<i>Explanation : A Steel Fence Gate Prevents Access To The Underside Of The Arch</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$400	LIFE	**	5	\$200	
		<i>Efflorescence, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$5,000	LIFE	**	3-5	\$17,500	
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Joints Between Stones</i>						
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
		<i>Stream Channel, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%	4+	\$500	2024		\$27,200		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
Curbs								
Concrete	100%	4+	\$200	LIFE	**			
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
Embankment								
Earth	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BRIDGE FOREST AVE BRIDGE/ PARK STREAM**  
**Asset # : 14396**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	20%	4+	\$400	2035			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Steel	80%	4+	\$4,100	LIFE			**	
			<i>Damaged Railing, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Sidewalks								
Concrete	100%	4+	\$1,200	LIFE		**	4	\$1,400
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Random Spalls In Cap Stones Under Steel Railing</i>					
Scupper								
Cast Iron	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 4 Catch Basins</i>					
Deck Elements								
Curbs								
Concrete	100%	4+	\$500	2036			**	
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout South Side</i>					
			<i>Explanation : Depressed And Settled Curb</i>					
Railings/Parapets								
Steel	100%	4+	\$3,100	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations</i>					
			<i>Corrosion, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Minor Dents And Impact Damage</i>					
Sidewalks								
Concrete	100%			2026	\$4,000	5		\$100

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BRIDGE FOREST AVE BRIDGE/ PARK STREAM**  
**Asset # : 14396**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Wearing Surface Asphalt	100%	4+	\$100	2027	\$7,000	5	\$100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Catch Basins</i>								
<hr/>								
	Fascias Masonry	100%			LIFE	**	3-5	\$8,000
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
	Scupper Cast Iron	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Deck Elements</i>								
<i>Explanation : Two Catch Basins</i>								
<hr/>								
<b>Superstructure</b>								
	Primary Member Concrete	100%	4+	\$21,600	LIFE	**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Underside Of Arch Soffit</i>								
<i>Explanation : Leaching, Hairline Cracks With Efflorescence And Reinforcement Exposed At Random Locations</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK FOOT BRIDGE  
**Address** : FIRST BRIDGE SOUTH OF FOREST AVE OVER CLOVE LAKES STREAM  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.060 / 14378 **Yr Built/Renovated** : 1938 /  
**Area Sq Ft** : 672 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249790

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$19,700			\$3,300
<b>Total</b>	<b>\$19,700</b>			<b>\$3,300</b>
Importance Code A				
Importance Code B	\$10,100			
Importance Code C	\$9,600			\$3,300
<b>Total</b>	<b>\$19,700</b>			<b>\$3,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK FOOT BRIDGE**  
**Asset # : 14378**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Stem (breastwall)								
Masonry	65%	Now	\$10,100	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Masonry Stone Joint Mortar</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout, Worst On West Abutment</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Abutment</i>								
<i>Explanation : Active Water Seepage Through Mortar Cracks</i>								
Masonry	35%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	2-4	\$3,000	LIFE	**	3-5	\$10,600	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Cracks In Stone Masonry Joint Mortar</i>								
Feature Crossed								
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**	5	\$1,800	
<i>Stream Channel, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$3,100	2024	\$15,500			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Raveling</i>								
Embankment								
Earth	25%			LIFE	**			
Stone Rough Work	75%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Fascias								
Timber	100%			2031	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK FOOT BRIDGE**  
**Asset # : 14378**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Masonry	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Pointing</i>								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets Timber	100%			LIFE		**		
Wearing Surface Asphalt	100%	4+	\$3,500	2024	\$7,000	5	\$100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Raveling</i>								
Fascias								
Timber	100%			2031		**		
Superstructure								
Deck,Structural Concrete	100%			LIFE		**	5	\$700

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLOVE LAKES PARK FOOT BRIDGE @ BROOKS LAKE DAM  
**Address** : NORTH END OF BROOKS LAKE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.070 / 14379 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,508 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249780

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$79,100	\$57,700
<b>Total</b>	<b>\$79,100</b>	<b>\$57,700</b>
Importance Code A		\$57,700
Importance Code C	\$79,100	
<b>Total</b>	<b>\$79,100</b>	<b>\$57,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$11,000			
<b>Total</b>	<b>\$11,000</b>			
Importance Code A	\$1,600			
Importance Code B	\$9,000			
Importance Code C	\$400			
<b>Total</b>	<b>\$11,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK FOOT BRIDGE @ BROOKS LAKE DAM**  
**Asset # : 14379**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$2,700	LIFE	**	5	\$1,300	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Walls								
Concrete	100%	4+	\$6,300	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : All Walls At East And West Abutments</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast And Southwest Walls</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 25%</i>					
			<i>Location : All Walls At East And West Abutments</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : All Walls At East And West Abutments</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$79,100	LIFE	**	5	\$8,900	
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**	5	\$1,500	
			<i>Stream Channel, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK FOOT BRIDGE @ BROOKS LAKE DAM**  
**Asset # : 14379**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$400	2024	\$21,400			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<b>Curbs</b>								
Concrete	100%			LIFE	**			
<b>Embankment</b>								
Earth	100%			LIFE	**			
<b>Railings/Parapets</b>								
Concrete	100%			2029	\$57,700			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%			2036	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Location</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Both Curbs</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2029	\$20,000			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<b>Wearing Surface</b>								
Asphalt	100%			2024	\$3,200	5	\$100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<b>Fascias</b>								
Concrete	100%			LIFE	**	5	\$1,000	
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Superstructure</b>								
Primary Member								
Concrete	100%	4+	\$1,600	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Underside Of Arch Near West Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Underside Of Both Fascias</i>								
<i>Explanation : Stalactites</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE  
**Address** : HILLIS HILL TERRACE BETWEEN 73RD AVE. AND UNION TURNPIKE  
**Borough** : QUEENS **Agency's Number** : 2248080  
**Program / Asset #** : PAR0008.110 / 14395 **Yr Built/Renovated** : 1925 /  
**Area Sq Ft** : 2,640 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248080

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$84,800	\$43,600
<b>Total</b>	<b>\$84,800</b>	<b>\$43,600</b>
Importance Code B	\$84,800	
Importance Code C		\$43,600
<b>Total</b>	<b>\$84,800</b>	<b>\$43,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$38,100			
<b>Total</b>	<b>\$38,100</b>			
Importance Code A	\$30,200			
Importance Code B	\$6,100			
Importance Code C	\$1,800			
<b>Total</b>	<b>\$38,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Backwall Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Peeling Paint</i>								
Footings Not Accessible	100%							
Joint with Deck Single Type	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Joint Paved Over With Asphalt</i>								
Stem (breastwall) Concrete	100%	4+	\$84,800	LIFE	**	5	\$4,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Both Abutments</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Paint Peeling</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**	5	\$2,200	
<i>Vegetation Growth, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Flaking Paint</i>								
Feature Crossed								
Mat (scour & erosion) Single Type	100%			LIFE	**	5	\$1,900	
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.



**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$900	2029	\$43,600			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Raised Asphalt Concrete Curbs Are Supporting The Railing</i>								
Embankment								
Earth	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	50%			LIFE			**	
Timber	50%			LIFE			**	
Piers								
Cap Beam								
Concrete Encased Steel	100%	4+	\$2,800	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Bottom Of The Beam</i>								
<i>Explanation : Spalling</i>								
Pier,Columns								
Concrete	100%	4+	\$4,900	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,000	2048			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Asphalt Concrete Curbs</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Concrete	65%	4+	\$1,700	2037				**
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Concrete Parapets On Both Sides</i>								
<i>Explanation : Paint Peeling</i>								
Steel	35%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Above The Concrete Parapets On Both Sides</i>								
<i>Explanation : Steel Chainlink Fencing</i>								
Wearing Surface Asphalt	100%	4+	\$900	2029	\$18,300	5	\$300	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Settlement</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE		5	\$2,900	**
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
<b>Joints</b>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : The Joints On Top Are Paved Over With Asphalt</i>								
<b>Primary Member</b>								
Concrete Encased Steel	100%	4+	\$24,700	LIFE		5	\$600	**
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Superstructure

Secondary Member

Concrete Encased Steel      100%      4+      \$1,300      2056      \* \*

*Corrosion, Extent : Light, Area Affected : 10%**Location : Random Locations Throughout**Spalling, Extent : Moderate, Area Affected : 8%**Location : Bottom Of The Beam**Other Observation, Extent : Light, Area Affected : 5%**Location : Random Locations Throughout**Explanation : Efflorescence*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

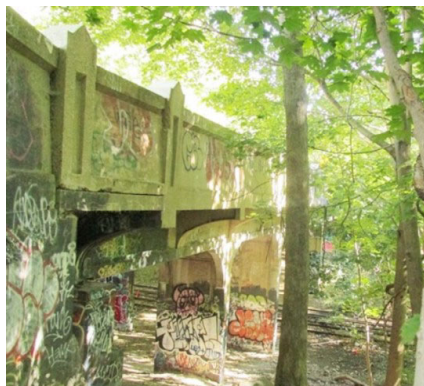
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK DR. (EAST MAIN DR.)  
**Address** : EAST MAIN DRIVE OVER THE ABANDONED LIRR TRACK  
**Borough** : QUEENS **Agency's Number** : 2247660  
**Program / Asset #** : PAR0011.300 / 14386 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 8,729 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247660

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$512,500	\$132,200
<b>Total</b>	<b>\$512,500</b>	<b>\$132,200</b>
Importance Code A	\$512,500	
Importance Code C		\$132,200
<b>Total</b>	<b>\$512,500</b>	<b>\$132,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$49,500			
<b>Total</b>	<b>\$49,500</b>			
Importance Code A	\$21,000			
Importance Code B	\$6,800			
Importance Code C	\$21,700			
<b>Total</b>	<b>\$49,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14386**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>		
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Abutments</b>										
	Bridge Seat&pedestals									
	Concrete	100%			LIFE	* *				
	Backwall									
	Concrete	100%			LIFE	* *				
	Brngs,Ancr Blts,Pads									
	Elastomeric	100%			2048	* *				
	Footings									
	Not Accessible	100%								
	Joint with Deck									
	Not Accessible	100%								
				<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
				<i>Location :</i>						
				<i>Explanation : Paved At Joint Over Both Abutments</i>						
	Mat (scour & erosion)									
	Single Type	100%			LIFE	* *				
	Pedestals									
	Concrete	100%			LIFE	* *				
	Stem (breastwall)									
	Concrete	100%			LIFE	* *	5	\$6,100		
	Walls									
	Concrete	100%			LIFE	* *				
<b>Wingwalls</b>										
	Footings									
	Not Accessible	100%								
	Mat (scour & erosion)									
	Single Type	100%	4+	\$1,700	LIFE	* *				
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>						
				<i>Location : Drain Trough</i>						
				<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
				<i>Location : Drain Trough</i>						
				<i>Explanation : Spalling</i>						
	Piles									
	Not Accessible	100%								
	Walls									
	Concrete	100%			LIFE	* *	5	\$1,000		
<b>Feature Crossed</b>										
	Mat (scour & erosion)									
	Single Type	100%			LIFE	* *	5	\$5,500		
<b>Approaches</b>										
	Pavement									
	Asphalt	100%	4+	\$3,100	2029	\$62,600				
				<i>Cracks, Extent : Light, Area Affected : 15%</i>						
				<i>Location : Random Locations Throughout</i>						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14386**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$1,000	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE			**	
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	75%	4+	\$4,900	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	25%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$1,000	LIFE		4	\$2,400	
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE			**	
Piers								
Cap Beam								
Concrete Encased Steel	100%	4+	\$10,100	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Locations Throughout</i>								
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Locations Throughout</i>								
Pier,Columns								
Concrete Encased Steel	100%	4+	\$5,600	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14386**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,300	LIFE			**	
			<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Missing Steel Face And Spalling</i>					
Railings/Parapets								
Concrete	100%	4+	\$2,400	2037			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Locations Throughout</i>					
Sidewalks								
Concrete	100%	4+	\$1,900	2033		**	5	\$600
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%	4+	\$13,900	2029	\$69,600	5		\$1,200
			<i>Cracks, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
Superstructure								
Deck, Structural								
Concrete	68%	4+	\$512,500	LIFE		**	5	\$6,500
			<i>Cracks, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Spalling With Exposed Rebar</i>					
Concrete	32%			LIFE		**	5	\$3,100
Joints								
Single Type	100%			LIFE			**	
Primary Member								
Concrete Encased Steel	100%	4+	\$1,300	LIFE		**	5	\$2,900
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
 FOREST PARK DR. (EAST MAIN DR.)  
 Asset # : 14386**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>

Superstructure

Secondary Member

Concrete Encased Steel      100%    4+                      \$1,200    2056                      \* \*

*Cracks, Extent : Light, Area Affected : 10%*

*Location : Random Locations Throughout*

*Other Observation, Extent : Light, Area Affected : 10%*

*Location : Random Locations Throughout*

*Explanation : Efflorescence*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK DR. (EAST MAIN DR.)  
**Address** : EAST MAIN DR. OVER MYRTLE AVE.  
**Borough** : QUEENS **Agency's Number** : 2248340  
**Program / Asset #** : PAR0011.310 / 14387 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 4,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248340

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$73,100
<b>Total</b>		<b>\$73,100</b>
Importance Code C		\$73,100
<b>Total</b>		<b>\$73,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$66,000	\$3,800	\$3,700	
<b>Total</b>	<b>\$66,000</b>	<b>\$3,800</b>	<b>\$3,700</b>	
Importance Code A	\$25,300			
Importance Code B	\$19,300			
Importance Code C	\$21,400	\$3,800	\$3,700	
<b>Total</b>	<b>\$66,000</b>	<b>\$3,800</b>	<b>\$3,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14387**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%	4+	\$1,900	LIFE		**		
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Backwall Concrete	100%	4+	\$900	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : South And North Walls</i>								
<i>Explanation : Water Stains</i>								
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Single Type	100%			LIFE		**		
<hr/>								
Mat (scour & erosion) Single Type	100%			LIFE		**		
<hr/>								
Stem (breastwall) Concrete	100%	4+	\$10,500	LIFE		**	5	\$5,100
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Isolated Locations</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Isolated Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : North And South Abutments</i>								
<i>Explanation : Water Stains And Paint Peeling</i>								
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Single Type	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Along Embankment</i>								
<i>Explanation : Timber Cribbing</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14387**

Park Bridges		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+	\$3,800	LIFE	**	5	\$2,100
				<i>Cracks, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Isolated Locations</i>				
				<i>Efflorescence, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Isolated Locations</i>				
				<i>Other Observation, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Paint Peeling</i>				
Feature Crossed	Mat (scour & erosion)							
	Single Type	100%			LIFE	**	5	\$2,700
Approaches	Pavement							
	Asphalt	50%	4+	\$1,800	2029	\$35,700		
				<i>Cracks, Extent : Light, Area Affected : 4%</i>				
				<i>Location : Random Locations Throughout</i>				
	Concrete	50%			2037	**	4	\$11,300
Curbs	Concrete	100%			LIFE	**		
Embankment	Earth	100%			LIFE	**		
Guide Railing	Concrete	100%			2037	**		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : New Jersey Barrier</i>				
Mat (scour & erosion)	Single Type	100%			LIFE	**		
Pavement Base	Not Accessible	100%						
Railings/Parapets	Steel	100%			LIFE	**		
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : 50 Percent Rail 50 Percent Guard Rail</i>				
Sidewalks	Concrete	100%	4+	\$1,100	LIFE	**	4	\$2,600
				<i>Cracks, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
Piers	Pier,Columns							
	Concrete Encased Steel	100%	4+	\$4,400	LIFE	**		
				<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Spalling With Exposed Steel Reinforcement With Moderate Corrosion At Top Of Column</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14387**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Deck Elements								
Guide Railing								
Concrete	100%			2041	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : New Jersey Barrier</i>						
Railings/Parapets								
Steel	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Along Fascias</i>						
		<i>Explanation : Chainlink Fence Located In Front Of Railings</i>						
Sidewalks								
Asphalt	100%			2026	\$10,400	4	\$7,400	
Wearing Surface								
Asphalt	100%			2029	\$37,400	5	\$1,300	
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$22,400	LIFE	**	5	\$5,100	
		<i>Spalling, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Spalling With Exposed Rebar</i>						
Joints								
Single Type	100%	2-4	\$13,900	LIFE	**			
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Joint Misalignment</i>						
Primary Member								
Concrete Encased Steel	100%	4+	\$1,000	LIFE	**	5	\$700	
		<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>						
		<i>Location : Bottom Of Beam</i>						
		<i>Explanation : Spalling With Exposed Corroded Rebar</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
FOREST PARK DR. (EAST MAIN DR.)  
Asset # : 14387**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>

Superstructure

Secondary Member

Concrete Encased Steel	100%	4+	\$4,400	2056	* *
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*Cracks, Extent : Light, Area Affected : 5%*

*Location : Random Locations Throughout*

*Spalling, Extent : Light, Area Affected : 10%*

*Location : Throughout*

*Other Observation, Extent : Moderate, Area Affected : 10%*

*Location : Random Locations Throughout*

*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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FOREST PARK UNDERPASS BRIDLE PATH  
**Address** : UNDER JACKIE ROBINSON PKWY @ 72ND RD. ENTER PATH AT 71 AVE  
**Borough** : QUEENS Agency's Number : N/A  
**Program / Asset #** : PAR0011.330 / 14389 Yr Built/Renovated :  
**Area Sq Ft** : 1,350 Project Type : PARKS AND RECREATION  
**Date of Survey** : 31-Oct-2016 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2230169

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$130,900
<b>Total</b>		<b>\$130,900</b>
Importance Code C		\$130,900
<b>Total</b>		<b>\$130,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$14,400			\$34,700
<b>Total</b>	<b>\$14,400</b>			<b>\$34,700</b>
Importance Code A	\$14,400			
Importance Code B				
Importance Code C				\$34,700
<b>Total</b>	<b>\$14,400</b>			<b>\$34,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK UNDERPASS BRIDLE PATH**

**Asset # : 14389**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**	5	\$13,400	
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint And Graffiti</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**	3-5	\$110,600	
Approaches								
Pavement								
Asphalt	100%			2029	\$130,900			
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$5,900	2037	**			
			<i>Impact Damage, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Southeast End</i>					
			<i>Settlement, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Southeast End</i>					
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Timber Cap Beam</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK UNDERPASS BRIDLE PATH**  
**Asset # : 14389**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns Timber	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At East Side Only</i>								
<i>Explanation : First Column Is Slightly Out Of Plumb</i>								
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Single Type	100%			LIFE			**	
<hr/>								
Piles Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Curbs Concrete	100%			2048			**	
<hr/>								
Median Concrete	100%			LIFE			**	
<hr/>								
Railings/Parapets Concrete	100%	4+	\$2,900	2037			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Side</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Side</i>								
<hr/>								
Wearing Surface Asphalt	100%			2029	\$11,400	5	\$400	
<hr/>								
<b>Superstructure</b>								
Joints Not Accessible	100%							
<hr/>								
Primary Member Concrete	100%	2-4	\$5,500	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Isolated Locations</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Near South Abutment</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TOTTEN TORPEDO BATTERY TUNNEL  
**Address** : BEHIND BLDG # 502 VISITOR CENTER OFF ORDINANCE ROAD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.999 / 14866 **Yr Built/Renovated** :  
**Area Sq Ft** : 12,784 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Aug-2016 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$126,500	
<b>Total</b>	<b>\$126,500</b>	
Importance Code B	\$126,500	
<b>Total</b>	<b>\$126,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$53,300			
<b>Total</b>	<b>\$53,300</b>			
Importance Code A	\$38,300			
Importance Code B	\$1,500			
Importance Code C	\$13,600			
<b>Total</b>	<b>\$53,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN TORPEDO BATTERY TUNNEL**

**Asset # : 14866**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	85%	4+	\$1,500	LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Spalling</i>					
Single Type	15%			LIFE		**		
Stem (breastwall)								
Concrete	100%	4+	\$126,500	LIFE		**	5	\$11,200
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : West Side Only</i>					
			<i>Explanation : Steel Handrail</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$8,900	LIFE		**	5	\$1,800
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East Tunnel Entrance</i>					
			<i>Spalling, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Concrete	100%	4+	\$8,100	LIFE		**	5	\$500
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Lack Of Expansion Joint</i>					
Approaches								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN TORPEDO BATTERY TUNNEL**

**Asset # : 14866**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Approaches</b>								
	Mat (scour & erosion)							
	Not Accessible	100%						
<b>Deck Elements</b>								
	Fascias							
	Concrete	100%	4+	\$4,700	LIFE	**	5	\$1,000
				<i>Cracks, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
<b>Superstructure</b>								
	Primary Member							
	Concrete	100%	4+	\$30,200	LIFE	**		
				<i>Cracks, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 2%</i>				
				<i>Location : East Side</i>				
				<i>Explanation : Two Utility Pipes</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

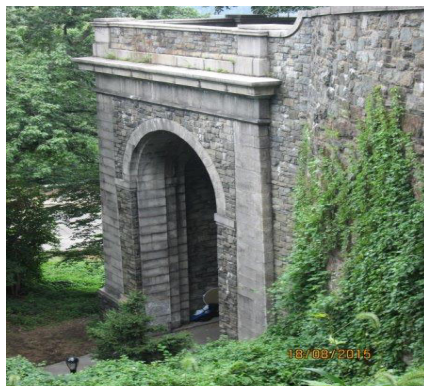
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK BRIDGE STONE ARCH BRIDGE  
**Address** : BILLINGS TERRACES AND ARCHES NEAR SOUTHERN PARK ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0042.015 / 14128 **Yr Built/Renovated** : 1917 /  
**Area Sq Ft** : 5,985 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$193,800	\$57,100
<b>Total</b>	<b>\$193,800</b>	<b>\$57,100</b>
Importance Code A	\$109,200	
Importance Code B	\$84,700	
Importance Code C		\$57,100
<b>Total</b>	<b>\$193,800</b>	<b>\$57,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$40,800			\$94,800
<b>Total</b>	<b>\$40,800</b>			<b>\$94,800</b>
Importance Code A	\$36,400			\$31,700
Importance Code B				\$54,600
Importance Code C	\$4,400			\$8,500
<b>Total</b>	<b>\$40,800</b>			<b>\$94,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE STONE ARCH BRIDGE**

**Asset # : 14128**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Footings								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Northwest Corner</i>								
<i>Explanation : About 2 Percent Of The Concrete Footing Founded On The Bedrock Is Exposed And It Is In Good Condition.</i>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	20%	4+	\$38,900	LIFE	**	3-5	\$34,900	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Abutment Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : East Abutment Wall</i>								
<i>Explanation : Broken/missing Element</i>								
Masonry: Schist/Gneiss	80%	4+	\$45,800	LIFE	**	3-5	\$139,400	
<i>Efflorescence, Extent : Severe, Area Affected : 65%</i>								
<i>Location : Mostly On The East Abutment Wall And With A Few On The West Abutment</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Exterior Fascia Of The West Abutment</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Abutment Wall</i>								
<i>Explanation : Leakage</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$3,300	LIFE	**	3-5	\$9,000	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast And Southeast Wingwalls</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,600	
Approaches								
Pavement								
Asphalt	100%			2031	**			
Embankment								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE STONE ARCH BRIDGE**

**Asset # : 14128**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets Granite	100%	4+	\$2,700	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken/ Missing Element</i>								
<hr/>								
Fascias Masonry: Schist/Gneiss	100%			LIFE		**	3-5	
<i>Efflorescence, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Deck Elements</b>								
Curbs Granite	100%			LIFE		**		
<hr/>								
Median Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Earth Median With Plants And Flowers</i>								
<hr/>								
Railings/Parapets Granite	30%	4+	\$1,800	LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Railing, Between And Underneath Coping Stones</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Fascia Near West Abutment</i>								
<i>Explanation : Broken / Missing Element</i>								
<hr/>								
Schist/Gneiss	70%	4+	\$3,400	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : North Fascia Of Bridge</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing / Crack Joint Mortar</i>								
<hr/>								
Wearing Surface Asphalt	100%	4+	\$1,100	2028	\$57,100	5	\$900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southeast Corner</i>								
<i>Other Observation, Extent : Light, Area Affected : 35%</i>								
<i>Location : East Side Of The Deck</i>								
<i>Explanation : Garden And Plants</i>								
<hr/>								
Fascias Masonry: Schist/Gneiss	100%			LIFE		**	3-5	\$18,500
<i>Efflorescence, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE STONE ARCH BRIDGE**

**Asset # : 14128**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure								
Primary Member								
	Masonry: Brick	50%	2-4	\$109,200	LIFE	**	3-5	\$46,100
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Underside Of Deck</i>								
<i>Explanation : Cracks In Guastavino Tiles In Underside Of Vaulted Deck. Some Areas Leaking W/ Efflorescence And Light Spalling.</i>								
	Masonry: Granite	50%	4+	\$28,400	LIFE	**	3-5	\$55,700
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Underside Of Structure, Specifically Near The South Fascia</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK BRIDGE - M029  
**Address** : HENRY HUDSON PKWAY ENTRANCE @CORBIN DRIVE  
**Borough** : MANHATTAN **Agency's Number** : 2-24650-0  
**Program / Asset #** : PAR0042.020 / 14072 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 6,765 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246500

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$213,300	\$37,400
<b>Total</b>	<b>\$213,300</b>	<b>\$37,400</b>
Importance Code A	\$81,700	
Importance Code B	\$74,900	
Importance Code C	\$56,600	\$37,400
<b>Total</b>	<b>\$213,300</b>	<b>\$37,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$27,000			\$56,300
<b>Total</b>	<b>\$27,000</b>			<b>\$56,300</b>
Importance Code A				
Importance Code B				\$28,600
Importance Code C	\$27,000			\$27,700
<b>Total</b>	<b>\$27,000</b>			<b>\$56,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE - M029**  
**Asset # : 14072**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Schist/Gneiss	100%	4+	\$74,900	LIFE	**	3-5	\$91,300	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Northeast Portion Of Wall</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	25%	4+	\$27,000	LIFE	**	5	\$2,800	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Western Wingwalls</i>					
			<i>Delaminations, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry: Schist/Gneiss	75%	4+	\$56,600	LIFE	**	3-5	\$62,200	
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Leakage, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southwest Wingwall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Northeast And Northwest Corner Of Structure</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,300	
Approaches								
Pavement								
Asphalt	100%			2031	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Pedestrian Only</i>					
			<i>Explanation : Pedestrian Approaches Only - Vehicular Approaches Are Not Covered In This Asset</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Schist/Gneiss	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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE - M029**  
**Asset # : 14072**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Fascias</b>								
Masonry: Schist/Gneiss	100%			LIFE		**	3-5	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Deck Elements</b>								
<b>Median</b>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pedestrian Pathway</i>								
<i>Explanation : Schist Wall On East Side Of Pedestrian Pathway</i>								
<hr/>								
<b>Railings/Parapets</b>								
<b>Schist/Gneiss</b>								
	100%			LIFE		**		
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Ends Of Both Parapets</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fascia Parapets</i>								
<i>Explanation : Eastern Fascia Parapet East Of Roadway And Western Fascia Parapet Along Pedestrian Path</i>								
<hr/>								
<b>Wearing Surface</b>								
<b>Asphalt</b>								
	100%			2028	\$37,400		5	\$1,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pedestrian Walkway</i>								
<i>Explanation : Pedestrian Walkway Only - Vehicular Passage Is Not Considered For This Asset</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Schist/Gneiss	100%			LIFE		**	3-5	\$25,600
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Schist/Gneiss	100%	4+	\$81,700	LIFE		**	5	\$4,400
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Along East And West Fascia</i>								
<i>Joints Missing, 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK BRIDGE - M029 CORBIN PLACE OVERPASS/CORBIN DR.  
**Address** : CORBIN DRIVE SOUTHEAST OF CLOISTERS MUSEUM  
**Borough** : MANHATTAN **Agency's Number** : 2-24651-0  
**Program / Asset #** : PAR0042.021 / 14073 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 4,046 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246510

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$58,100	
<b>Total</b>	<b>\$58,100</b>	
Importance Code A	\$58,100	
<b>Total</b>	<b>\$58,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$15,600		\$200	\$26,000
<b>Total</b>	<b>\$15,600</b>		<b>\$200</b>	<b>\$26,000</b>
Importance Code A				
Importance Code B	\$4,200			\$9,900
Importance Code C	\$11,500		\$200	\$16,100
<b>Total</b>	<b>\$15,600</b>		<b>\$200</b>	<b>\$26,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE - M029 CORBIN PLACE OVERPASS/CORBIN DR.**  
**Asset # : 14073**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Schist/Gneiss	98%			LIFE	**	3-5	\$31,000	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Fascia</i>					
Masonry: Schist/Gneiss	2%	0-2	\$4,200	LIFE	**	3-5	\$600	
			<i>Other Observation, Extent : Light, Area Affected : 70%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Broken/missing Joint Mortar</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$11,500	LIFE	**	3-5	\$31,600	
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,500	
Approaches								
Pavement								
Asphalt	100%			2028	\$31,700			
			<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Curbs								
Granite	100%			LIFE	**	5	\$100	
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Schist/Gneiss	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**	4	\$2,000	
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		

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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE - M029 CORBIN PLACE OVERPASS/CORBIN DR.**  
**Asset # : 14073**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Granite	100%			LIFE		**		
Railings/Parapets								
Schist/Gneiss	100%			LIFE		**		
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Outside Face Of Parapets Near Ends Of Arch</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Recent Repair</i>								
Sidewalks								
Concrete	100%			2032		**	5	\$400
Wearing Surface								
Asphalt	100%			2028	\$18,800		5	\$600
Fascias								
Masonry: Schist/Gneiss	100%			LIFE		**	3-5	\$19,700
Scupper								
Cast Iron	100%			LIFE		**		
Superstructure								
Primary Member								
Masonry: Schist/Gneiss	100%	4+	\$58,100	LIFE		**	5	\$3,100
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southern Half Of Arch, Near Centerline</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near East And West Fascia</i>								
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Structure</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK BRIDGE-M029 EASTERN OVERLOOK ARCHES  
**Address** : EAST OF LINDEN TERRACE ACCESS TO EASTERN OVERLOOK  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0042.024 / 14133 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 408 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$17,100	\$100		\$5,400
<b>Total</b>	<b>\$17,100</b>	<b>\$100</b>		<b>\$5,400</b>
Importance Code A	\$5,300	\$100		
Importance Code B	\$3,200			
Importance Code C	\$8,600			\$5,400
<b>Total</b>	<b>\$17,100</b>	<b>\$100</b>		<b>\$5,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 EASTERN OVERLOOK ARCHES**

**Asset # : 14133**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Stem (breastwall)								
Schist/Gneiss	100%	4+	\$3,200	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Efflorescence</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$7,000	LIFE	**	3-5	\$7,700	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Southwest And Northeast Walls</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$300	
Approaches								
Pavement								
Asphalt	100%			2028	\$500			
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Schist/Gneiss	100%			LIFE	**			
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
Deck Elements								
Railings/Parapets								
Masonry	50%	4+	\$2,400	2036	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing/ Eroded Joint Mortar</i>								
Masonry	50%			2036	**	5	\$200	
Wearing Surface								
Asphalt	100%	4+	\$1,600	2028	\$3,300	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 35%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Uneven Surface</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 EASTERN OVERLOOK ARCHES**

**Asset # : 14133**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Fascias</b>								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$9,900	
<b>Superstructure</b>								
<b>Primary Member</b>								
Masonry: Schist/Gneiss	100%	4+	\$2,900	LIFE	**	5	\$400	
<i>Efflorescence, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Underside Of Structure</i>								
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Underside Of Structure</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK BRIDGE-M029 TUNNEL SOUTH OF CLOISTERS  
**Address** : FROM S. END OF WILLIAMS DOG RUN TO NORTHERN END OF ABBYS LAWN  
**Borough** : MANHATTAN **Agency's Number** : 2-24504-0  
**Program / Asset #** : PAR0042.022 / 14129 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,186 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245040

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$18,700	\$600		\$4,200
<b>Total</b>	<b>\$18,700</b>	<b>\$600</b>		<b>\$4,200</b>
Importance Code A	\$9,400	\$100		
Importance Code B	\$4,200			\$800
Importance Code C	\$5,100	\$400		\$3,400
<b>Total</b>	<b>\$18,700</b>	<b>\$600</b>		<b>\$4,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 TUNNEL SOUTH OF CLOISTERS**  
**Asset # : 14129**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Schist/Gneiss	10%	4+	\$4,200	LIFE	**	3-5	\$2,500	
			<i>Efflorescence, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Underside Of Fascia Stones</i>					
Masonry	90%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$5,100	LIFE	**	3-5	\$5,600	
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Eastern And Western Walls</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$100	
Approaches								
Pavement								
Asphalt	100%			2028	\$11,900			
Curbs								
Granite	100%			LIFE	**	5		
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : East Side</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Schist/Gneiss	100%			LIFE	**			
Sidewalks								
Asphalt	50%			2025	\$600	4	\$600	
Single Type	50%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : East Side</i>					
			<i>Explanation : Earth Surface</i>					
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		

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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 TUNNEL SOUTH OF CLOISTERS**  
**Asset # : 14129**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
<b>Curbs</b>								
Granite	100%	4+	\$100	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : East Side</i>								
<i>Explanation : Curb Reveal Varies</i>								
<hr/>								
<b>Railings/Parapets</b>								
Masonry	100%			2036	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Parapet</i>								
<i>Explanation : Recent Repointing Of Masonry</i>								
<hr/>								
<b>Sidewalks</b>								
Asphalt	50%			2025	\$700	4	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : Asphalt Surface</i>								
Earth	50%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Side</i>								
<i>Explanation : Earth Surface</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2028	\$5,700	5	\$200	
<hr/>								
<b>Fascias</b>								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$5,000	
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
Concrete	90%			LIFE	**			
Masonry: Schist/Gneiss	10%	4+	\$9,300	LIFE	**	5	\$100	
<i>Efflorescence, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Underside Of Fascia Stones</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK BRIDGE-M029 UNDERPASS MARGARET CORBIN DRIVE  
**Address** : FROM N. END OF WILLIAMS DOG RUN TO NORTH SIDE OF NEW LEAF CAFE  
**Borough** : MANHATTAN **Agency's Number** : 2-24505-0  
**Program / Asset #** : PAR0042.023 / 14130 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 7,236 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245050

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$68,000	\$168,300
<b>Total</b>	<b>\$68,000</b>	<b>\$168,300</b>
Importance Code C	\$68,000	\$168,300
<b>Total</b>	<b>\$68,000</b>	<b>\$168,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$10,000			\$13,500
<b>Total</b>	<b>\$10,000</b>			<b>\$13,500</b>
Importance Code A	\$4,500			
Importance Code B	\$5,500			\$700
Importance Code C				\$12,800
<b>Total</b>	<b>\$10,000</b>			<b>\$13,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 UNDERPASS MARGARET CORBIN DRIVE**  
**Asset # : 14130**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	10%	4+	\$5,500	LIFE	**	5	\$200	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Single Stone On The Southwest Corner</i>					
			<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Concrete	80%			LIFE	**	5	\$2,000	
Masonry: Schist/Gneiss	10%			LIFE	**	3-5	\$2,200	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast And Northeast Fascia Of Wall</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$68,000	LIFE	**	3-5	\$37,400	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : East Fascia</i>					
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout All Walls And Most Severe At The Northeast Wingwall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Tree Growing At Base Of Northeast Wingwall</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$200	
<b>Approaches</b>								
Pavement								
Asphalt	100%			2028	\$168,300			
Curbs								
Granite	100%	4+	\$3,400	LIFE	**	5	\$300	
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Southeast Approach</i>					
			<i>Explanation : Curb Reveal Varies</i>					
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 UNDERPASS MARGARET CORBIN DRIVE**  
**Asset # : 14130**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Curb</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Curb</i>								
<i>Explanation : Curb Reveal Varies</i>								
Railings/Parapets								
Masonry	100%	4+	\$1,000	2036	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing And Broken Mortar</i>								
Wearing Surface								
Asphalt	100%			2028	\$9,900	5	\$300	
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$3,600	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Underside Of Fascia Stones</i>								
Superstructure								
Primary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Underside Of Member</i>								
<i>Explanation : Covered With Steel Mesh</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK STONE ARCH BRIDGE  
 Address : ENTRANCE RAMP TO ALEX HAMILTON BRIDGE @W181 ST AND AMSTERDAM AV  
 Borough : MANHATTAN Agency's Number : M037  
 Program / Asset # : PAR0007.001 / 14089 Yr Built/Renovated : 1934 /  
 Area Sq Ft : 2,373 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Sep-2015 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$57,400			\$12,900
<b>Total</b>	<b>\$57,400</b>			<b>\$12,900</b>
Importance Code A	\$32,600			\$3,100
Importance Code C	\$24,800			\$9,800
<b>Total</b>	<b>\$57,400</b>			<b>\$12,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK STONE ARCH BRIDGE**  
**Asset # : 14089**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$21,400	LIFE	**	3-5	\$25,600	
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At North Side</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$200	
Approaches								
Pavement								
Concrete	100%			2036	**	4	\$10,200	
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**			
Wearing Surface								
Concrete	100%			2036	**			
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$6,000	
Superstructure								
Primary Member								
Masonry: Brick	100%	2-4	\$32,600	LIFE	**	3-5	\$10,000	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Throughout Underside Of The Arch</i>					
			<i>Excess Worn/Erod Mat, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Both Abutment Walls</i>					
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout Underside Of Structure</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846  
HIGHBRIDGE PARK STONE ARCH BRIDGE  
Asset # : 14089**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHLAND PARK PEDESTRIAN BRIDGE  
 Address : UPPER HIGHLAND PARK @BARBEY CT. FIRST RIGHT OFF MAIN PATH  
 Borough : QUEENS Agency's Number : 2248280  
 Program / Asset # : PAR0014.050 / 14391 Yr Built/Renovated :  
 Area Sq Ft : 6,231 Project Type : PARKS AND RECREATION  
 Date of Survey : 23-Sep-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2248280

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$35,700	\$2,446,300
<b>Total</b>	<b>\$35,700</b>	<b>\$2,446,300</b>
Importance Code A	\$35,700	
Importance Code C		\$2,446,300
<b>Total</b>	<b>\$35,700</b>	<b>\$2,446,300</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$73,300			\$10,200
<b>Total</b>	<b>\$73,300</b>			<b>\$10,200</b>
Importance Code A	\$22,600			\$10,200
Importance Code C	\$50,700			
<b>Total</b>	<b>\$73,300</b>			<b>\$10,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHLAND PARK PEDESTRIAN BRIDGE**  
**Asset # : 14391**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Stone Rough Work	100%			2025	\$2,446,300	5-15	\$20,400	
Feature Crossed								
Bank Protection								
Earth	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**	5	\$2,900	
Approaches								
Pavement								
Asphalt	15%	4+	\$2,200	2027	\$10,900			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Along Center</i>					
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Concrete	85%	4+	\$15,000	2029	\$29,900	4	\$13,100	
			<i>Cracks, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Missing/ Broken Elements</i>					
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$20,000	LIFE	**			
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Explanation : Missing Joints Mortar</i>					

## Deck Elements

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHLAND PARK PEDESTRIAN BRIDGE**  
**Asset # : 14391**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets								
Stone Rough Work	100%	4+	\$2,600	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Localized Area Between Stones</i>								
<i>Explanation : Missing Mortar Between Stones And Missing/broken Element</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	2-4	\$13,900	2041		**		
<i>Cracks, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Old Repair, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Throughout</i>								
<i>Explanation : Medium To Severe Scaling</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Stone	100%	4+	\$13,300	LIFE		**		
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rough Work Stones And Missing Mortar Between The Stones</i>								
<hr/>								
<b>Superstructure</b>								
<b>Joints</b>								
Single Type	100%	4+	\$300	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Spalling And Stone Erosion</i>								
<hr/>								
<b>Primary Member</b>								
Masonry: Brick	100%	4+	\$35,700	LIFE		**	3-5	\$32,900
<i>Efflorescence, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Heavy Staining And Leaching Throughout, Especially Near Fascias</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Underside Of Arch</i>								
<hr/>								
<b>Secondary Member</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK BRIDGE OVER HARLEM RIVER INLET  
**Address** : FOOT OF W 218TH ST INSIDE PARK EAST SIDE OF PENNINSULA  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.011 / 14254 **Yr Built/Renovated** :  
**Area Sq Ft** : 897 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246690

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$194,000	
<b>Total</b>	<b>\$194,000</b>	
Importance Code A	\$194,000	
<b>Total</b>	<b>\$194,000</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$9,000			
<b>Total</b>	<b>\$9,000</b>			
Importance Code A				
Importance Code B	\$3,300			
Importance Code C	\$5,700			
<b>Total</b>	<b>\$9,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK BRIDGE OVER HARLEM RIVER INLET**

**Asset # : 14254**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	50%			LIFE	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Abutment</i>								
<i>Explanation : Good Condition</i>								
Concrete	50%	4+	\$3,300	LIFE	**	5	\$300	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : South Abutment</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Center Of The South Abutment</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	10%	4+	\$1,100	LIFE	**	5		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Interface With Concrete Wearing Surface On The Northeast Corner</i>								
Concrete	90%			LIFE	**	5	\$300	
<b>Feature Crossed</b>								
Bank Protection								
Concrete	50%			LIFE	**			
Riprap	50%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$600	
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$2,800	2036	**	4	\$2,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14254**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Approaches</b>								
<b>Curbs</b>								
	Concrete w/ Steel Face	100%			LIFE		**	
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Rusting Stains</i>				
<hr/>								
	Embankment							
	Single Type	100%			LIFE		**	
<hr/>								
	Mat (scour & erosion)							
	Single Type	100%			LIFE		**	
<hr/>								
	Pavement Base							
	Not Accessible	100%						
<hr/>								
	Railings/Parapets							
	Steel	100%			LIFE		**	
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
	Concrete w/ Steel Face	100%			LIFE		**	
				<i>Other Observation, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Cracks</i>				
<hr/>								
	Railings/Parapets							
	Steel	100%			LIFE		**	
<hr/>								
	Wearing Surface							
	Concrete	100%	4+	\$1,700	2036		**	
				<i>Cracks, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
<hr/>								
<b>Superstructure</b>								
<b>Primary Member</b>								
	Prestressed Concrete	100%	4+	\$194,000	LIFE		**	
	Box Beam							
				<i>Other Observation, Extent : Light, Area Affected : 2%</i>				
				<i>Location : End Of Southeast Fascia</i>				
				<i>Explanation : Cracking</i>				
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK BRIDGE SOUTH BOUND HENRY HUDSON PKWY  
**Address** : INSIDE PARK EAST OF FOOT BRIDGE OVER AMTRACK 30TH ST BRANCH RAIL  
**Borough** : MANHATTAN **Agency's Number** : 2266240  
**Program / Asset #** : PAR0005.012 / 14255 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,472 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2266240

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$4,200			\$2,900
<b>Total</b>	<b>\$4,200</b>			<b>\$2,900</b>
Importance Code A	\$3,400			
Importance Code B				
Importance Code C	\$900			\$2,900
<b>Total</b>	<b>\$4,200</b>			<b>\$2,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK BRIDGE SOUTH BOUND HENRY HUDSON PKWY**  
**Asset # : 14255**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**	5	\$300	
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$3,500	
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$500	
<b>Approaches</b>								
Pavement								
Concrete	90%			2036	**	4	\$2,600	
Concrete	10%	4+		2036	**	4	\$200	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$1,400	2036	**			
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : On Approach</i>					
			<i>Explanation : Catch Basin</i>					
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK BRIDGE SOUTH BOUND HENRY HUDSON PKWY**  
**Asset # : 14255**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	90%			2036		**		
Concrete	10%	4+	\$700	2036		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wearing Surface								
Concrete	100%			2036		**		
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Sealed Cracks In Deck</i>								
<hr/>								
Fascias								
Masonry: Schist/Gneiss	100%			LIFE		**	3-5	\$6,000
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
Primary Member								
Concrete	95%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Masonry: Schist/Gneiss	5%	4+	\$1,300	LIFE		**	5	\$100
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Underside Of Spandrel Wall At Both Fascias</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK FOOT BRIDGE OVER AMTRAK 30TH ST BRANCH RAIL  
 Address : INSIDE WESTERN AREA OF PARK WEST OF HENRY HUDSON PKWY  
 Borough : MANHATTAN Agency's Number : 2245300  
 Program / Asset # : PAR0005.013 / 14256 Yr Built/Renovated :  
 Area Sq Ft : 956 Project Type : PARKS AND RECREATION  
 Date of Survey : 09-Sep-2015 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2245300

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$82,500	
<b>Total</b>	<b>\$82,500</b>	
Importance Code A	\$82,500	
<b>Total</b>	<b>\$82,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$3,200			\$11,400
<b>Total</b>	<b>\$3,200</b>			<b>\$11,400</b>
Importance Code A				
Importance Code B				\$1,300
Importance Code C	\$3,200			\$10,200
<b>Total</b>	<b>\$3,200</b>			<b>\$11,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK FOOT BRIDGE OVER AMTRAK 30TH ST BRANCH RAIL**  
**Asset # : 14256**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	50%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : West Side</i>						
		<i>Explanation : A Concrete Block At The Landing Of Staircase</i>						
Not Accessible	50%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : East Side</i>						
		<i>Explanation : No Access To Amtrak Property.</i>						
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	50%			LIFE	**	5	\$400	
Masonry: Schist/Gneiss	50%			LIFE	**	3-5	\$4,000	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE	**	3-5	\$32,900	
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$2,200	
Approaches								
Pavement								
Asphalt	40%			2028	\$3,800			
Concrete	60%			2036	**	4	\$1,800	
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK FOOT BRIDGE OVER AMTRAK 30TH ST BRANCH RAIL**  
**Asset # : 14256**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Approaches								
	Railings/Parapets							
	Granite	100%			LIFE		**	
				<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
Piers								
	Cap Beam							
	Steel	100%			LIFE		**	
				<i>Other Observation, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Corrosion</i>				
	Pier,Columns							
	Steel	100%			LIFE		**	
				<i>Other Observation, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Corrosion</i>				
	Stem,Solid Pier							
	Concrete	100%			LIFE		**	
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Single Type	100%			LIFE		**	
	Piles							
	Not Accessible	100%						
Deck Elements								
	Curbs							
	Concrete	100%			2047		**	
				<i>Rust Stains, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
	Mono Deck Surface							
	Concrete	100%	4+	\$2,600	2047		**	
				<i>Cracks, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 20%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Light Scaling</i>				
	Railings/Parapets							
	Steel	100%			LIFE		**	
				<i>Corrosion, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK FOOT BRIDGE OVER AMTRAK 30TH ST BRANCH RAIL**  
**Asset # : 14256**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Deck, Structural Concrete	100%	4+	\$82,500	LIFE	**	5	\$1,100
				<i>Efflorescence, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
Joints	Single Type	100%			LIFE	**		
Primary Member	Steel	100%			LIFE	**		
				<i>Other Observation, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Localized Areas With Corrosion.</i>				
Secondary Member	Steel	100%			LIFE	**	4-8	\$31,600
				<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Steel Brackets</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK PED. BRIDGE OVER HARLEM RIVER INLET  
**Address** : INSIDE PARK WEST SIDE OF PENNINSULA  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.010 / 14253 **Yr Built/Renovated** :  
**Area Sq Ft** : 625 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246700

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$53,500	
<b>Total</b>	<b>\$53,500</b>	
Importance Code C	\$53,500	
<b>Total</b>	<b>\$53,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$27,900			
<b>Total</b>	<b>\$27,900</b>			
Importance Code A	\$12,700			
Importance Code B	\$2,900			
Importance Code C	\$12,300			
<b>Total</b>	<b>\$27,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK PED. BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14253**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%	4+	\$2,900	LIFE	**	5	\$300	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Along Water Line And Tidal Zone</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$4,600	LIFE	**	5	\$1,000	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Bank Protection								
Concrete	50%	4+	\$53,500	LIFE	**			
			<i>Spalling, Extent : Light, Area Affected : 20%</i>					
			<i>Location : At Wingwall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Medium Scaling And Vegetation Growth</i>					
Riprap	50%	4+	\$1,700	LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Western Side</i>					
			<i>Explanation : Missing Stones And Large Void</i>					
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$200	
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.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK PED. BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14253**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$3,600	2028	\$9,100			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Up To 2 Inches Settlement And Patched Pothole</i>								
Curbs								
Concrete	100%	4+	\$3,000	LIFE		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Single Type	100%			LIFE		**		
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	4+	\$4,400	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete	100%	4+	\$2,300	2047		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK PED. BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14253**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Wearing Surface							
	Concrete	100%	4+	\$2,400	2036			* *
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Deck Joint</i>						
<hr/>								
<b>Superstructure</b>								
	Primary Member							
	Concrete	100%	4+	\$3,100	LIFE			* *
		<i>Cracks, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Rust Stains, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK UNDERPASS NORTH BOUND HENRY HUDSON PKWY  
**Address** : WEST SIDE OF MAIN PARK PATH LEADING TO WEST BALL FIELDS  
**Borough** : MANHATTAN **Agency's Number** : 2266230  
**Program / Asset #** : PAR0005.044 / 14377 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 3,948 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2266230

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$19,800			\$12,700
<b>Total</b>	<b>\$19,800</b>			<b>\$12,700</b>
Importance Code A	\$5,100			
Importance Code C	\$14,700			\$12,700
<b>Total</b>	<b>\$19,800</b>			<b>\$12,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK UNDERPASS NORTH BOUND HENRY HUDSON PKWY**  
**Asset # : 14377**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%	4+	\$500	LIFE	**			
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Northwest And Southwest Wingwalls</i>					
			<i>Explanation : Erosion Of Soil At Base Of Wingwall</i>					
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Masonry: Schist/Gneiss	100%	4+	\$13,700	LIFE	**	3-5	\$41,000	
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : All Wingwalls</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout All Wingwalls</i>					
<b>Feature Crossed</b>								
Bank Protection								
Earth	100%			LIFE	**	5	\$100	
			<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$400	
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$500	2039	**	4	\$11,500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
<b>Curbs</b>								
Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : West Side</i>					
			<i>Explanation : Curbs In Good Condition</i>					
<b>Embankment</b>								
Earth	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK UNDERPASS NORTH BOUND HENRY HUDSON PKWY**  
**Asset # : 14377**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Guide Railing								
Concrete	50%			2029	\$26,100			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : East Side</i>							
	<i>Explanation : Jersey Barriers</i>							
Steel	50%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : West Side</i>							
	<i>Explanation : Good Condition</i>							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Schist/Gneiss	100%	4+	\$2,000	LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Missing / Deteriorated Pointing Between Masonry</i>							
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2031	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Jersey Barriers</i>							
Railings/Parapets								
Schist/Gneiss	100%	4+	\$700	LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout Parapet On Both Fascias</i>							
	<i>Explanation : Missing / Deteriorated Pointing Between Masonry</i>							
Wearing Surface								
Asphalt	100%			2024	\$8,000	5	\$300	
Fascias								
Brownstone/Sandstone	100%			LIFE	**			
	<i>Joints Missing, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations</i>							
<b>Superstructure</b>								
Primary Member								
Concrete	100%	4+	\$2,500	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Both Fascias</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE  
**Address** : 73RD AVE BETWEEN 199TH STREET AND FRANCIS LEWIS BLVD.  
**Borough** : QUEENS **Agency's Number** : 2248100  
**Program / Asset #** : PAR0187.100 / 14393 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,064 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248100

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$29,900			
<b>Total</b>	<b>\$29,900</b>			
Importance Code A	\$4,100			
Importance Code B	\$14,500			
Importance Code C	\$11,400			
<b>Total</b>	<b>\$29,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE**  
**Asset # : 14393**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Stem (breastwall) Concrete	100%	4+	\$7,800	LIFE	**	5	\$3,800	
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$4,200	LIFE	**	5	\$2,400	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling White Paint</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion) Single Type	100%			LIFE	**	5	\$1,700	
<b>Approaches</b>								
Pavement Asphalt	100%	4+	\$3,500	2029	\$34,900			
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Curbs</b>								
Concrete	100%	4+	\$1,000	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : All Bituminous Concrete Curbs</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE**  
**Asset # : 14393**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%	4+	\$2,400	LIFE		**		
<i>Erosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Embankment</i>								
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Pier, Columns								
Concrete Encased Steel	100%	4+	\$2,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,000	2048		**		
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : All Bituminous Concrete Curbs</i>								
Railings/Parapets								
Concrete	60%	4+	\$1,500	2037		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	40%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE**  
**Asset # : 14393**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Wearing Surface Asphalt	100%	4+	\$1,300	2029	\$12,500	5	\$200
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
	Deck, Structural Concrete	100%			LIFE	**	5	\$2,300
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
	Primary Member Concrete Encased Steel	100%	4+	\$500	LIFE	**	5	\$600
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint And Exposed Steel Bottom Flanges Have Light Spot Rusting</i>								
	Secondary Member Concrete Encased Steel	100%	4+	\$4,600	2056	**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint And Exposed Steel Bottom Flanges Have Light Spot Rusting</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : MARINE PARK MARSH BRIDGE  
 Address : NORTH OF NATURE CENTRE ALONG NORTH PATH INTO MARSH  
 Borough : BROOKLYN Agency's Number : B057  
 Program / Asset # : PAR0003.100 / 14101 Yr Built/Renovated : 1997 /  
 Area Sq Ft : 650 Project Type : PARKS AND RECREATION  
 Date of Survey : 15-Sep-2015 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$136,100	
<b>Total</b>	<b>\$136,100</b>	
Importance Code A	\$136,100	
<b>Total</b>	<b>\$136,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$40,000			
<b>Total</b>	<b>\$40,000</b>			
Importance Code A	\$6,100			
Importance Code B	\$33,900			
Importance Code C				
<b>Total</b>	<b>\$40,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK MARSH BRIDGE**  
**Asset # : 14101**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**	5		
Feature Crossed								
Mat (scour & erosion)								
Earth	100%			LIFE	**	5	\$3,500	
Approaches								
Pavement								
Earth	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piers								
Cap Beam								
Steel	75%	Now	\$52,700	LIFE	**			
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Corrosion</i>						
Steel	25%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Footings								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK MARSH BRIDGE**  
**Asset # : 14101**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Piers</b>								
Mat (scour & erosion) Single Type	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Gratings</b>								
Steel Grating	95%	4+	\$5,000	LIFE		**		
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout Structure</i>					
			<i>Explanation : Deteriorated Finish</i>					
Steel Grating	5%	2-4	\$1,100	LIFE		**		
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : South End</i>					
			<i>Explanation : Corrosion And Rust Stain</i>					
<b>Railings/Parapets</b>								
Steel	100%			LIFE		**		
<b>Superstructure</b>								
<b>Primary Member</b>								
Steel	100%	4+	\$83,400	LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rust Stains</i>					
<b>Secondary Member</b>								
Steel	100%	4+	\$33,900	LIFE		**	4-8	\$33,900
			<i>Corrosion, Extent : Severe, Area Affected : 55%</i>					
			<i>Location : Throughout Secondary Bracing Members</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 70%</i>					
			<i>Location : Throughout Secondary Bracing Members</i>					
			<i>Explanation : Deteriorated Finish</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARTLINGS AVE OVER CLOVE LAKE CARRIES MARTLINGS AVE  
**Address** : MARTLINGS AVES OVER CLOVE LAKE STREAM. NORTH OF RICHMOND LAKE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0015.150 / 14397 **Yr Built/Renovated** : 1929 /  
**Area Sq Ft** : 6,776 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249760

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$48,700
<b>Total</b>		<b>\$48,700</b>
Importance Code C		\$48,700
<b>Total</b>		<b>\$48,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$30,400	\$200	\$800	
<b>Total</b>	<b>\$30,400</b>	<b>\$200</b>	<b>\$800</b>	
Importance Code A	\$2,000			
Importance Code B	\$15,800			
Importance Code C	\$12,700	\$200	\$800	
<b>Total</b>	<b>\$30,400</b>	<b>\$200</b>	<b>\$800</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARTLINGS AVE OVER CLOVE LAKE CARRIES MARTLINGS AVE**

**Asset # : 14397**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Not Accessible</i>						
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$3,900	LIFE	**	5	\$900	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 10%</i>						
		<i>Location : North Side</i>						
		<i>Spalling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Northeast Corner</i>						
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%			2027			\$29,200	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random At Both Approaches</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	25%	Now	\$4,900	LIFE	**			
		<i>Erosion, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Behind Southeast Wingwall</i>						
Earth	75%			LIFE	**			
Guide Railing								
Timber	100%	4+	\$900	2027			\$9,400	
		<i>Dry Rot, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Timber Posts Supporting Guide Rail On Approaches</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MARTLINGS AVE OVER CLOVE LAKE CARRIES MARTLINGS AVE**  
**Asset # : 14397**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	75%	Now	\$2,900	LIFE	**	4	\$500	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : South Approach</i>					
Concrete	25%	4+	\$1,000	LIFE	**	4	\$200	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random At Both Approaches</i>					
Piers								
Stem,Solid Pier								
Concrete	35%	4+	\$15,800	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Location Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : South Fascia</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 1%</i>					
			<i>Location : South Fascia</i>					
Concrete	65%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets								
Concrete	100%	4+	\$1,000	2035	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout</i>					
Sidewalks								
Concrete	100%			2031	**	5	\$400	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Widened Sidewalk Section Over Pier</i>					
			<i>Explanation : Access Steel Door Hatches To Access Pier Storage Chamber</i>					
Wearing Surface								
Asphalt	100%			2027	\$48,700	5	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**MARTLINGS AVE OVER CLOVE LAKE CARRIES MARTLINGS AVE**  
**Asset # : 14397**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Fascias							
	Concrete	100%			LIFE	**	5	\$1,900
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Outside Face At Base Of Fascia</i>					
<hr/>								
	Scupper							
	Cast Iron	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Four Corners</i>					
			<i>Explanation : 4 Catch Basins</i>					
<hr/>								
<b>Superstructure</b>								
	Primary Member							
	Concrete	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Not Directly Accessible</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK BINNEN BRIDGE  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES BINNEN FALLS AND BOAT HOUSE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0020.074 / 13460 **Yr Built/Renovated** : 1996 /  
**Area Sq Ft** : 320 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

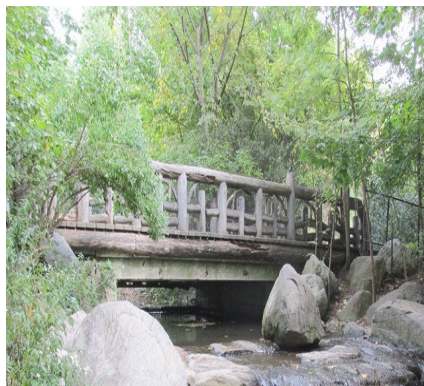
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$10,400			\$1,700
<b>Total</b>	<b>\$10,400</b>			<b>\$1,700</b>
Importance Code A	\$8,000			
Importance Code B				
Importance Code C	\$2,400			\$1,700
<b>Total</b>	<b>\$10,400</b>			<b>\$1,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BINNEN BRIDGE**  
**Asset # : 13460**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Stem (breastwall)								
Concrete	50%			LIFE	**	5	\$400	
Masonry	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Masonry</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$1,700	LIFE	**	3-5	\$5,300	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**	5	\$500	
<b>Approaches</b>								
Pavement								
Asphalt	100%			2029	\$16,900			
Embankment								
Riprap	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Timber	100%	4+	\$1,700	LIFE	**			
<i>Rotted, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Deck Elements</b>								
Railings/Parapets								
Timber	100%	0-2	\$5,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Dry Rot, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Misaligned Elements</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BINNEN BRIDGE**  
**Asset # : 13460**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Timber	100%	4+	\$700	2029	\$3,600	5	\$100	
	<i>Checks, Extent : Light, Area Affected : 20%</i>							
	<i>Location : In Timber Planks Throughout</i>							
	<i>Splits, Extent : Light, Area Affected : 20%</i>							
	<i>Location : In Timber Planks Throughout</i>							
Superstructure								
Deck, Structural								
Timber	100%	4+	\$800	LIFE			**	
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Splits/ Checks</i>							
Primary Member								
Concrete	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Covered With Timber Fascia</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK BOULDER BRIDGE - 019A  
**Address** : FLATBUSH AND OCEAN AVE. SULLIVAN HILL AND RAVINE  
**Borough** : BROOKLYN **Agency's Number** : B073-19A  
**Program / Asset #** : PAR0020.19A / 1787 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 1,238 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Sep-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$30,700			\$2,800
<b>Total</b>	<b>\$30,700</b>			<b>\$2,800</b>
Importance Code A	\$5,700			
Importance Code B	\$1,800			
Importance Code C	\$23,200			\$2,800
<b>Total</b>	<b>\$30,700</b>			<b>\$2,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOULDER BRIDGE - 019A**

**Asset # : 1787**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Abutments</b>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Single Type	100%			LIFE	* *			
<b>Stem (breastwall)</b>								
Masonry	100%	4+	\$1,800	LIFE	* *			
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stones; Loose And Missing Mortar Between Stones.</i>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Riprap	50%			LIFE	* *			
Single Type	50%			LIFE	* *			
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Concrete	10%			LIFE	* *	5	\$500	
Masonry: Stone	90%	4+	\$13,700	LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Loose And Missing Mortar Between Stones</i>								
<b>Feature Crossed</b>								
<b>Bank Protection</b>								
Single Type	100%			LIFE	* *	5	\$100	
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%	2-4	\$2,700	2035	* *	4	\$1,800	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing Element; Cracks And Settlement</i>								
<b>Embankment</b>								
Earth	100%	4+	\$1,800	LIFE	* *			
<i>Erosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOULDER BRIDGE - 019A**  
**Asset # : 1787**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Cast Stone	100%			LIFE			**	
Deck Elements								
Railings/Parapets								
Schist/Gneiss	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Boulders Set In Mortar</i>					
Wearing Surface								
Concrete	100%	0-2	\$1,600	2041			**	
			<i>Other Observation, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Missing Elements; Cracked And Settled Pavement Areas</i>					
Fascias								
Masonry: Schist/Gneiss	100%	4+	\$3,300	LIFE		**	3-5	\$9,100
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
Superstructure								
Primary Member								
Masonry: Stone	70%	4+	\$5,700	LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Under Stone Arch</i>					
			<i>Explanation : Efflorescence, Missing Joints, Water Penetration</i>					
Masonry: Stone	30%			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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK CLEFT RIDGE ARCH  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES WELLHOUSE DRIVE AND BOAT HOUSE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0020.075 / 13461 **Yr Built/Renovated** : 1872 /  
**Area Sq Ft** : 4,281 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Sep-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244060

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$40,700	\$3,000		
<b>Total</b>	<b>\$40,700</b>	<b>\$3,000</b>		
Importance Code A	\$7,400			
Importance Code B	\$21,900			
Importance Code C	\$11,400	\$3,000		
<b>Total</b>	<b>\$40,700</b>	<b>\$3,000</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CLEFT RIDGE ARCH**  
**Asset # : 13461**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved On The Top Of Mat</i>								
Stem (breastwall)								
Concrete	100%	4+	\$2,000	LIFE	**	5	\$900	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Efflorescence; Cracking; Joints Missing And Spalling</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Earth</i>								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$6,300	LIFE	**	5	\$3,200	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair; Cracking</i>								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Approaches								
Pavement								
Under Construction	100%							
Curbs								
Granite	100%	2-4	\$2,900	LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Slate; Spalling And Cracking</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CLEFT RIDGE ARCH**  
**Asset # : 13461**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets Concrete	50%	4+	\$300	2029	\$12,800			
	<i>Cracks, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Throughout</i>							
Steel	50%			LIFE	**			
<b>Sidewalks</b>								
Asphalt	50%			2021	\$2,300	4	\$2,200	
Under Construction	50%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Granite	100%	2-4	\$2,400	LIFE	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random Locations</i>							
	<i>Explanation : Slate; Delaminated Slate And Spalling</i>							
<b>Railings/Parapets</b>								
Concrete	50%	4+	\$1,800	2029	\$9,000			
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Spalling And Cracks</i>							
Steel	50%			LIFE	**			
<b>Sidewalks</b>								
Asphalt	50%			2024	\$1,300	4	\$1,300	
Under Construction	50%							
<b>Wearing Surface</b>								
Under Construction	100%							
<b>Fascias</b>								
Brownstone/Sandstone	100%	4+	\$4,700	LIFE	**			
	<i>Erosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Efflorescence</i>							
<b>Superstructure</b>								
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
Concrete	70%	4+	\$17,000	LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
	<i>Explanation : Decorative Concrete Panels. Efflorescence. Water Pen. Light Spalling. Wasps Nests.</i>							
Concrete	30%	4+	\$2,900	LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Erosion; Efflorescence; Recent Repair And Spalling</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846  
PROSPECT PARK CLEFT RIDGE ARCH  
Asset # : 13461**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : PROSPECT PARK EAST DRIVE BRIDGE - 0056  
 Address : FLATBUSH AND EAST DRIVE EAST DRIVE AND ZOO  
 Borough : BROOKLYN Agency's Number : B073-56  
 Program / Asset # : PAR0020.056 / 1143 Yr Built/Renovated : 1910 /  
 Area Sq Ft : 1,856 Project Type : PARKS AND RECREATION  
 Date of Survey : 22-Sep-2014 Landmark Status : EXTERIOR, HISTORICAL DISTRICT  
 Areas Surveyed :  
 Block : Lot : BIN : 2244030

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$491,500	\$84,600
<b>Total</b>	<b>\$491,500</b>	<b>\$84,600</b>
Importance Code A	\$491,500	
Importance Code C		\$84,600
<b>Total</b>	<b>\$491,500</b>	<b>\$84,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$19,900	\$5,700	\$300	
<b>Total</b>	<b>\$19,900</b>	<b>\$5,700</b>	<b>\$300</b>	
Importance Code A	\$8,700			
Importance Code B	\$7,300			
Importance Code C	\$3,900	\$5,700	\$300	
<b>Total</b>	<b>\$19,900</b>	<b>\$5,700</b>	<b>\$300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EAST DRIVE BRIDGE - 0056**

**Asset # : 1143**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Abutments</b>								
	Bridge Seat&pedestals							
	Not Accessible	100%						
	Backwall							
	Not Accessible	100%						
	Brngs,Ancr Blts,Pads							
	Not Accessible	100%						
	Footings							
	Not Accessible	100%						
	Joint with Deck							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Not Accessible	100%						
	Stem (breastwall)							
	Concrete	100%	4+	\$7,300	LIFE	* *	5	\$3,200
	<i>Erosion, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Scaling And Erosion Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Under Bridge Is Gated; Observations Are Based On 2013 Biennial Report</i>							
<b>Wingwalls</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Not Accessible	100%						
	Piles							
	Not Accessible	100%						
	Walls							
	Concrete	100%	4+	\$2,400	LIFE	* *	5	\$1,200
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Northwest Corner And Throughout</i>							
	<i>Explanation : Spalling, Cracks And Efflorescence</i>							
<b>Approaches</b>								
	Pavement							
	Asphalt	100%			2027	\$84,600		
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracks</i>							
	Curbs							
	Concrete	100%			LIFE	* *		
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracking</i>							
	Embankment							
	Earth	100%			LIFE	* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EAST DRIVE BRIDGE - 0056**

**Asset # : 1143**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Concrete	100%	2-4	\$3,200	2029	\$32,100			
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Spalling, Cracks, Deterioration And Joints Missing</i>					
<hr/>								
Sidewalks								
Asphalt	100%	2-4	\$600	2021	\$5,700	4	\$3,700	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Broken, Missing Pavement Throughout</i>					
<hr/>								
Scupper								
Cast Iron	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 2 Catch Basins</i>					
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%	2-4	\$3,600	2046			**	
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Write In Later</i>					
			<i>Explanation : Stays Consistent With Approach Curbs</i>					
<hr/>								
Railings/Parapets								
Concrete	100%	2-4	\$1,900	2029	\$18,600			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracking, Efflorescence And Spalling</i>					
<hr/>								
Sidewalks								
Asphalt	100%	0-2	\$1,000	2026	\$3,300	4	\$2,200	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Broken, Missing Pavement Throughout</i>					
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Uneven Surface</i>					
<hr/>								
Wearing Surface								
Asphalt	100%			2027	\$17,700	5	\$500	
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Cracking</i>					

**Superstructure**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EAST DRIVE BRIDGE - 0056**

**Asset # : 1143**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Superstructure</b>								
	Deck, Structural Concrete	100%	4+	\$69,900	LIFE	**	5	\$2,000
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Water Penetration, Efflorescence, Scaling, Spalling And Exposed Reinforcing</i>								
<b>Joints</b>								
	Not Accessible	100%						
<b>Primary Member</b>								
	Concrete Encased Steel	100%	4+	\$421,600	LIFE	**	5	\$2,000
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Tringer S10 Near South Abutment And Throughout Based On 2013 Biennial Inspection Report</i>								
<i>Explanation : Spaling, Scaling And Efflorescence</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK EASTWOOD ARCH - 0053  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES EAST DRIVE AND CENTER DRIVE  
**Borough** : BROOKLYN **Agency's Number** : B073-53  
**Program / Asset #** : PAR0020.053 / 1140 **Yr Built/Renovated** : 1868 /  
**Area Sq Ft** : 4,170 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2016 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244040

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$62,900
<b>Total</b>		<b>\$62,900</b>
Importance Code C		\$62,900
<b>Total</b>		<b>\$62,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$26,500			\$6,000
<b>Total</b>	<b>\$26,500</b>			<b>\$6,000</b>
Importance Code A	\$17,500			\$800
Importance Code B	\$7,600			\$2,900
Importance Code C	\$1,400			\$2,300
<b>Total</b>	<b>\$26,500</b>			<b>\$6,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EASTWOOD ARCH - 0053**

**Asset # : 1140**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Sandstone	100%	2-4	\$7,600	LIFE	**	3-5	\$9,200	
		<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%</i>						
		<i>Location : Random Locations Throughout</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	50%			LIFE	**	5	\$1,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Northeast And Southwest Wingwalls</i>						
		<i>Explanation : Two Wingwalls Replaced With Concrete Walls</i>						
Masonry: Stone	50%			LIFE	**			
Feature Crossed								
Mat (scour & erosion)								
Concrete	100%			LIFE	**	5	\$400	
Approaches								
Pavement								
Asphalt	100%			2029	\$62,900			
Curbs								
Concrete	100%	2-4	\$1,500	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EASTWOOD ARCH - 0053**  
**Asset # : 1140**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	25%	2-4	\$1,600	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : Steel Fence</i>								
Timber	75%	2-4	\$4,100	LIFE		**		
<i>Splits, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete	100%	0-2	\$5,000	2058		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Side</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	20%	4+	\$1,300	LIFE		**		
<i>Vegetation Growth, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : West Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : Steel Fence</i>								
Timber	80%	2-4	\$1,100	LIFE		**		
<i>Splits, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Earth	100%	4+		LIFE		**	5	\$200
<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Along The South Side Of The Bridge</i>								
Wearing Surface								
Asphalt	100%	4+	\$1,300	2029	\$13,500		5	\$200
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Fascias								
Masonry: Brownstone	100%			LIFE		**	3-5	\$7,300
Superstructure								
Deck, Structural								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Brick</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EASTWOOD ARCH - 0053**  
**Asset # : 1140**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure	Primary Member							
	Masonry: Brick	10%	4+	\$3,000	LIFE	**	3-5	\$2,500
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Throughout The Arch Barrel</i>				
				<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>				
				<i>Location : Throughout The Arch Barrel</i>				
				<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout The Arch Barrel</i>				
	Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK ENDALE ARCH - 0054  
**Address** : FLATBUSH AND PROSPECT PARK WEST EAST DRIVE AND PRESIDENT ST.  
**Borough** : BROOKLYN **Agency's Number** : B073-54  
**Program / Asset #** : PAR0020.054 / 1141 **Yr Built/Renovated** : 1869 /  
**Area Sq Ft** : 7,290 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Sep-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244010

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$286,500	\$131,400
<b>Total</b>	<b>\$286,500</b>	<b>\$131,400</b>
Importance Code A	\$286,500	
Importance Code C		\$131,400
<b>Total</b>	<b>\$286,500</b>	<b>\$131,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$33,100			\$25,700
<b>Total</b>	<b>\$33,100</b>			<b>\$25,700</b>
Importance Code A	\$23,700			\$9,200
Importance Code C	\$9,400			\$16,500
<b>Total</b>	<b>\$33,100</b>			<b>\$25,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK ENDALE ARCH - 0054**  
**Asset # : 1141**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Random Locations</i>						
		<i>Explanation : Earth Retained With Stone Boulders</i>						
Stem (breastwall)								
Masonry: Brownstone	100%			LIFE	**	3-5		
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	50%	2-4	\$7,500	LIFE	**	3-5	\$20,000	
		<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
Masonry	50%			LIFE	**	3-5	\$24,800	
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Stone Paver	100%	0-2	\$286,500	LIFE	**	5	\$400	
		<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Uneven Surface, Broken Pavers</i>						
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024			\$131,400	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
Curbs								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
Embankment								
Earth	80%			LIFE	**			
Riprap	20%	2-4	\$1,900	LIFE	**			
		<i>Erosion, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : All Four Corners Around Embankment</i>						
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK ENDALE ARCH - 0054**  
**Asset # : 1141**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Railings/Parapets Timber	100%	0-2	\$4,800	LIFE			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Side</i>								
<i>Dry Rot, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Scupper								
Cast Iron	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Curbline</i>								
<i>Explanation : 1 Catch Basin</i>								
Deck Elements								
Curbs								
Concrete	100%			2036			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Timber	100%	Now	\$1,400	LIFE			**	
<i>Dry Rot, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Wearing Surface								
Asphalt	100%			2024	\$16,100	5	\$500	
Fascias								
Masonry: Brownstone	100%			LIFE			**	3-5 \$7,600
Superstructure								
Primary Member								
Masonry: Brick	100%	2-4	\$17,500	LIFE			**	3-5 \$29,600
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Some Of Arch Underside Covered With Plywood</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK ESDALE BRIDGE  
**Address** : PROSPECT PARK WEST AND 5TH AVE. SULLIVAN HILL AND LOWER POOL  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0020.070 / 13456 **Yr Built/Renovated** : 1998 /  
**Area Sq Ft** : 586 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2016 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244100

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$37,900
<b>Total</b>		<b>\$37,900</b>
Importance Code C		\$37,900
<b>Total</b>		<b>\$37,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$3,900			
<b>Total</b>	<b>\$3,900</b>			
Importance Code A				
Importance Code B				
Importance Code C	\$3,900			
<b>Total</b>	<b>\$3,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK ESDALE BRIDGE**  
**Asset # : 13456**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**	5	\$1,200	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%	4+	\$3,900	2029	\$19,600			
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Quadrants</i>					
			<i>Explanation : Steel Fence</i>					
Deck Elements								
Guide Railing								
Concrete	100%			2041	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Both Sides Of Bridge</i>					
			<i>Explanation : New Concrete Posts</i>					
Railings/Parapets								
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Both Sides Of Bridge</i>					
			<i>Explanation : Steel Fence</i>					
Wearing Surface								
Timber	100%			2029	\$37,900	5	\$200	
Fascias								
Timber	100%			2041	**			

## 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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK ESDALE BRIDGE**  
**Asset # : 13456**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Superstructure								
	Deck,Structural							
	Concrete	100%			LIFE	**	5	\$600
Joints								
	Not Accessible	100%						
Primary Member								
	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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK FALLKILL BRIDGE  
**Address** : PROSPECT PARK WEST AND 9TH ST. QUAKER HILL AND UPPER POOL  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0020.071 / 13457 **Yr Built/Renovated** : 1998 /  
**Area Sq Ft** : 300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Sep-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$18,800			
<b>Total</b>	<b>\$18,800</b>			
Importance Code A	\$7,200			
Importance Code B	\$7,700			
Importance Code C	\$3,900			
<b>Total</b>	<b>\$18,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK FALLKILL BRIDGE**  
**Asset # : 13457**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Concrete	100%	4+	\$7,700	LIFE	**	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spalling And Cracks</i>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Riprap	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stones</i>								
<b>Piles</b>								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection Riprap	100%			LIFE	**			
<i>Stream Channel, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stones</i>								
Mat (scour & erosion) Riprap	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stones</i>								
<b>Approaches</b>								
Pavement Asphalt	70%	4+	\$2,200	2024	\$11,100			
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks And Uneven Surface</i>								
Asphalt	30%			2024	\$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.



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK FALLKILL BRIDGE**  
**Asset # : 13457**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Approaches								
Embankment								
	Earth	100%			LIFE			**
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Earth And Boulders</i>								
Railings/Parapets								
	Aluminum	100%			LIFE			**
Deck Elements								
Railings/Parapets								
	Aluminum	50%			LIFE			**
	Steel	50%	0-2	\$4,000	LIFE			**
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Pipes Filled With Concrete, 39 Inches High And Horizontal Timber Railing Is Missing</i>								
Wearing Surface								
	Timber	100%	4+	\$1,700	2024	\$3,400	5	\$100
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting And Chipping</i>								
Superstructure								
Joints								
	Single Type	100%			LIFE			**
Primary Member								
	Concrete	80%	4+	\$3,200	LIFE			**
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spalling; Cracks And Exterior Beam Under Railing Covered With Wooden Member</i>								
	Concrete	20%			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.

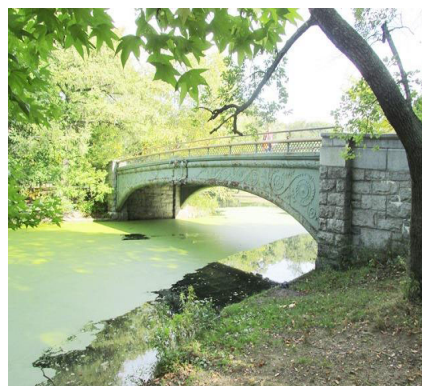
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK LULLWATER BRIDGE - 012C  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES LULLWATER AND BOAT HOUSE  
**Borough** : BROOKLYN **Agency's Number** : B073-12C  
**Program / Asset #** : PAR0020.12C / 642 **Yr Built/Renovated** : 1890 /  
**Area Sq Ft** : 1,240 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244130

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$11,300
<b>Total</b>		<b>\$11,300</b>
Importance Code B		\$11,300
<b>Total</b>		<b>\$11,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$12,600			\$10,100
<b>Total</b>	<b>\$12,600</b>			<b>\$10,100</b>
Importance Code A	\$4,400			
Importance Code B				\$6,500
Importance Code C	\$8,300			\$3,600
<b>Total</b>	<b>\$12,600</b>			<b>\$10,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LULLWATER BRIDGE - 012C**

**Asset # : 642**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**	3-5	\$20,800	
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$6,500	LIFE	**	3-5	\$11,700	
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Bank Protection								
Masonry	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stone Masonry</i>					
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**	5	\$3,100	
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$1,100	2029	\$21,200			
			<i>Settlement, 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 : Bluestone Stairs And Concrete Pavers</i>					
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	100%	4+	\$4,400	LIFE	**			
			<i>Joints Missing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Efflorescence</i>					

**Deck Elements**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LULLWATER BRIDGE - 012C**

**Asset # : 642**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Steel	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 80%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Throughout Metal Parapet And Brass Railing</i> <i>Explanation : Peeling Paint</i>								
Wearing Surface Asphalt	100%	4+	\$700	2029	\$14,100	5	\$200	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Asphalt Pavers</i>								
Superstructure								
Deck, Structural Not Accessible	100%							
Primary Member Cast Iron	20%			LIFE		**	4	\$500
<i>Corrosion, Extent : Moderate, Area Affected : 80%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Both Sides</i> <i>Explanation : Steel Girders With Cast Iron Fascia</i>								
Steel	80%			LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i> <i>Location : At Two Girders</i> <i>Other Observation, Extent : Moderate, Area Affected : 40%</i> <i>Location : At Two Girders</i> <i>Explanation : Paint Peeling</i>								
Secondary Member Steel	100%			LIFE		**	4-8	\$93,800
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Steel Grillage With Metal Panels</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK MEADOWPORT ARCH - 0055  
**Address** : FLATBUSH,OCEAN AND PARKSIDE AVES WEST DRIVE AND CARROLL ST.  
**Borough** : BROOKLYN **Agency's Number** : B073-55  
**Program / Asset #** : PAR0020.055 / 1142 **Yr Built/Renovated** : 1870 /  
**Area Sq Ft** : 5,382 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2016 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244020

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$84,600
<b>Total</b>		<b>\$84,600</b>
Importance Code C		\$84,600
<b>Total</b>		<b>\$84,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$53,700			\$12,600
<b>Total</b>	<b>\$53,700</b>			<b>\$12,600</b>
Importance Code A	\$11,100			
Importance Code B	\$3,900			\$700
Importance Code C	\$38,600			\$11,800
<b>Total</b>	<b>\$53,700</b>			<b>\$12,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MEADOWPORT ARCH - 0055**

**Asset # : 1142**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Abutments</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Single Type	100%			LIFE	* *		
	Stem (breastwall)							
	Masonry: Sandstone	20%	4+	\$3,900	LIFE	* *	3-5	\$2,400
				<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Loactions Throughout</i>				
	Not Accessible	80%						
				<i>Other Observation, Extent : Light, Area Affected : 0%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Covered With Broken/damaged Wood Paneling/bench</i>				
<b>Wingwalls</b>								
	Footings							
	Not Accessible	100%						
	Mat (scour & erosion)							
	Single Type	100%			LIFE	* *		
	Piles							
	Not Accessible	100%						
	Walls							
	Masonry: Brownstone	100%	2-4	\$24,000	LIFE	* *	3-5	\$25,700
				<i>Cracks, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Southwest Wingwall</i>				
				<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%</i>				
				<i>Location : Random Locations Throughout</i>				
<b>Feature Crossed</b>								
	Mat (scour & erosion)							
	Single Type	100%			LIFE	* *	5	\$500
<b>Approaches</b>								
	Pavement							
	Asphalt	100%			2029	\$84,600		
				<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Entire Wearing Surface</i>				
	Curbs							
	Granite	100%			LIFE	* *	5	\$100
	Embankment							
	Earth	100%			LIFE	* *		
	Guide Railing							
	Timber	100%	2-4	\$2,300	2029	\$22,700		
				<i>Splits, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Pavement Base							
	Not Accessible	100%						
<b>Deck Elements</b>								
	Curbs							
	Granite	100%			LIFE	* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MEADOWPORT ARCH - 0055**

**Asset # : 1142**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Deck Elements</b>									
	Guide Railing Timber	100%			2048		**		
<i>Splits, Extent : Light, Area Affected : 10%</i>									
<i>Location : Random Locations Throughout</i>									
	Wearing Surface Asphalt	100%			2029	\$18,000	5	\$600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>									
<i>Location : Entire Wearing Surface</i>									
	Fascias Masonry	100%	2-4	\$14,600	LIFE		**	3-5	\$11,700
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Throughout Arch Barrel Fascias</i>									
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Throughout Arch Barrel Fascias</i>									
<i>Explanation : Signs Of Leakage</i>									
<b>Superstructure</b>									
	Primary Member Masonry: Stone	20%	2-4	\$8,900	LIFE		**		
<i>Broken/Damaged, Extent : Light, Area Affected : 10%</i>									
<i>Location : Northern Arch</i>									
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>									
<i>Location : At Brick Fascias</i>									
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>									
<i>Location : Northern Arch</i>									
	Not Accessible	80%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>									
<i>Location : Throughout The Arch Barrel</i>									
<i>Explanation : Covered By Wood Panels</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK MUSIC PAGODA (GROVE) BRIDGE  
**Address** : FALTBUSH, OCEAN, PARKSIDE AVES MUSIC PAGODA AND BINNEN WATER  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0020.073 / 13459 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 384 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244100

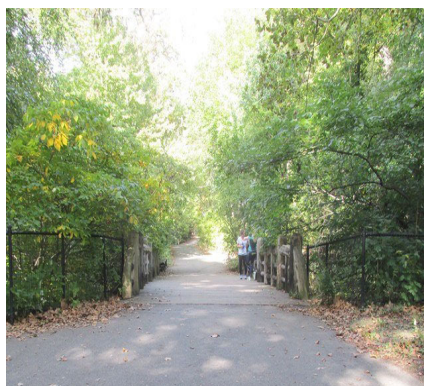
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$2,500			
<b>Total</b>	<b>\$2,500</b>			
Importance Code A	\$2,500			
Importance Code B				
Importance Code C				
<b>Total</b>	<b>\$2,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MUSIC PAGODA (GROVE) BRIDGE**  
**Asset # : 13459**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**	5	\$900	
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**	5	\$700	
Approaches								
Pavement								
Earth	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Covered By Timber Deck.</i>					
Embankment								
Riprap	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Timber	100%	4+	\$1,700	LIFE	**			
			<i>Splits, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Deck Elements								
Railings/Parapets								
Timber	100%	4+	\$800	LIFE	**			
			<i>Splits, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Timber	100%			2029	\$4,400	5	\$100	
Superstructure								
Deck, Structural								
Timber	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Corrosion</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
 PROSPECT PARK MUSIC PAGODA (GROVE) BRIDGE  
 Asset # : 13459**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : PROSPECT PARK NETHERMEAD ARCHES  
 Address : PROSPECT PARK SW AND 11 AVE CENTER DRIVE AND NETHERMEAD  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : PAR0020.072 / 13458 Yr Built/Renovated : 1869 /  
 Area Sq Ft : 6,384 Project Type : PARKS AND RECREATION  
 Date of Survey : 13-Oct-2016 Landmark Status : EXTERIOR, HISTORICAL DISTRICT  
 Areas Surveyed :  
 Block : Lot : BIN : 2244050

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$71,400	\$88,100
<b>Total</b>	<b>\$71,400</b>	<b>\$88,100</b>
Importance Code A	\$35,600	
Importance Code C	\$35,900	\$88,100
<b>Total</b>	<b>\$71,400</b>	<b>\$88,100</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$51,900			\$10,700
<b>Total</b>	<b>\$51,900</b>			<b>\$10,700</b>
Importance Code A	\$14,800			\$2,300
Importance Code B	\$32,100			\$1,000
Importance Code C	\$5,000			\$7,400
<b>Total</b>	<b>\$51,900</b>			<b>\$10,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK NETHERMEAD ARCHES**  
**Asset # : 13458**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	15%			LIFE	**	3-5	\$3,200	
Masonry	50%	2-4	\$13,400	LIFE	**			
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Various Locations Throughout</i>						
		<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : At Base</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Masonry Limestone</i>						
Masonry	35%	2-4	\$18,700	LIFE	**			
		<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Outer Arch Area</i>						
		<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Joint Missing On North And South Arches</i>						
		<i>Spalling, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Masonry Brick</i>						
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	4+	\$35,900	LIFE	**			
		<i>Erosion, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Various Locations</i>						
		<i>Joints Missing, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : East And West Faces</i>						
		<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Various Locations</i>						
		<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Various Locations</i>						
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Earth	65%			LIFE	**	5	\$3,300	
Riprap	35%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK NETHERMEAD ARCHES**  
**Asset # : 13458**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	4+	\$1,000	2029	\$49,700			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South And North Approach</i>								
<b>Curbs</b>								
Concrete	100%			LIFE			**	
<b>Embankment</b>								
Earth	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : With Stone Riprap</i>								
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Brownstone/Sandstone	60%			LIFE			**	
Granite	40%			LIFE			**	
<b>Sidewalks</b>								
Single Type	100%	4+	\$2,000	LIFE			**	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Approach Only</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete	30%	4+	\$1,700	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick</i>								
Masonry	70%			LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 60 Percent Limestone, 10 Percent Granite</i>								
<b>Pier,Columns</b>								
Masonry	100%			LIFE			**	
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Riprap	50%			LIFE			**	
Single Type	50%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North And South Arches</i>								
<i>Explanation : Concrete Mat</i>								
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK NETHERMEAD ARCHES**  
**Asset # : 13458**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$1,800	2048			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout On West Side Only</i>								
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout On West Side Only</i>								
<hr/>								
<b>Railings/Parapets</b>								
Brownstone/Sandstone	60%			LIFE			**	
Granite	40%	4+	\$1,100	LIFE			**	
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Spalling</i>								
<hr/>								
<b>Sidewalks</b>								
Earth	100%			LIFE		**	5	\$600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West End Only</i>								
<i>Explanation : Sidewalk</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$1,900	2029	\$38,400	5		\$600
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Fascias</b>								
Masonry: Limestone	60%			LIFE		**	3-5	\$15,300
Masonry: Granite	40%			LIFE		**	3-5	\$8,500
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK NETHERMEAD ARCHES**  
**Asset # : 13458**

Park Bridges		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								
Masonry: Brick	10%	2-4	\$35,600	LIFE	**	3-5	\$7,500	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout, Severe On East And West Ends</i>					
			<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Scattered Locations Throughout</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 33%</i>					
			<i>Location : South Passageway</i>					
			<i>Explanation : Safety Delaminated Brick Over Pedestrian Areas. Water Penetration Evident On East And West Ends</i>					
Masonry: Stone	5%	2-4	\$10,200	LIFE	**			
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Outer Arch Members</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Outer Arch Members</i>					
			<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Outer Arch Members</i>					
Not Accessible	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK ROCK ARCH BRIDGE - 0052  
**Address** : FLATBUSH, EAST AND CENTER DRIVES RAVINE AND SULLIVAN HILL  
**Borough** : BROOKLYN **Agency's Number** : B073-52  
**Program / Asset #** : PAR0020.052 / 1138 **Yr Built/Renovated** : 1871 /  
**Area Sq Ft** : 480 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Sep-2014 **Landmark Status** : EXTERIOR, HISTORICAL DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges		\$435,500
<b>Total</b>		<b>\$435,500</b>
Importance Code C		\$435,500
<b>Total</b>		<b>\$435,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$200			
<b>Total</b>	<b>\$200</b>			
Importance Code A				
Importance Code C	\$200			
<b>Total</b>	<b>\$200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK ROCK ARCH BRIDGE - 0052**

**Asset # : 1138**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Bluestone	100%			LIFE	**	3-5		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Walls								
Stone Rough Work	100%			2029	\$333,500	5-15	\$2,600	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**	5	\$200	
			<i>Stream Channel, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Approaches								
Pavement								
Asphalt	100%			2027	\$4,100			
Embankment								
Riprap	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Stone Rough Work	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Boulders</i>					
Deck Elements								
Railings/Parapets								
Stone Rough Work	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Boulders</i>					
Wearing Surface								
Asphalt	100%			2027	\$300	5		
Fascias								
Stone Rough Work	100%			2025	\$102,000	5-15	\$800	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Boulders</i>					
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846  
PROSPECT PARK ROCK ARCH BRIDGE - 0052**

**Asset # : 1138**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Superstructure									
	Primary Member								
	Masonry: Stone	100%			LIFE		* *		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PROSPECT PARK TERRACE BRIDGE  
**Address** : PARKSIDE AND PROSPECT P. SW AVES BREEZE HILL AND WELLHOUSE DRIVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0020.076 / 13462 **Yr Built/Renovated** : 1890 /  
**Area Sq Ft** : 4,176 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Oct-2016 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2244120

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$707,100	\$590,200
<b>Total</b>	<b>\$707,100</b>	<b>\$590,200</b>
Importance Code A	\$535,000	\$519,200
Importance Code B	\$172,100	\$23,600
Importance Code C		\$47,300
<b>Total</b>	<b>\$707,100</b>	<b>\$590,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$115,100			\$27,300
<b>Total</b>	<b>\$115,100</b>			<b>\$27,300</b>
Importance Code A	\$18,800			
Importance Code B	\$7,200			\$17,800
Importance Code C	\$89,200			\$9,500
<b>Total</b>	<b>\$115,100</b>			<b>\$27,300</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TERRACE BRIDGE**  
**Asset # : 13462**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Brick	80%	0-2	\$172,100	LIFE	**	3-5	\$46,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry: Brownstone	20%			LIFE	**	3-5	\$11,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Masonry Stone At Base Of Breastwall</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%	4+	\$28,000	LIFE	**	3-5	\$30,000	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Southeast</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Upstream Side</i>								
Feature Crossed								
Bank Protection								
Masonry	90%			LIFE	**			
Masonry	10%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Channel Wall</i>								
<i>Explanation : Granite</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	2-4	\$12,300	2033	**			
<i>Cracks, Extent : Moderate, Area Affected : 40%</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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TERRACE BRIDGE**  
**Asset # : 13462**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Curbs								
Granite	50%	2-4	\$2,900	LIFE	**	5	\$100	
<i>Settlement, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Along The South Side</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Along The South Side</i>								
No Component	50%							
Embankment								
Earth	100%	2-4	\$34,700	LIFE	**			
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : South Corners</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$3,700	LIFE	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Granite	50%	4+	\$1,300	LIFE	**			
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along The South Side</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Along The South Side</i>								
No Component	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Curb Exists On East Side Only</i>								
Railings/Parapets								
Cast Stone	100%	4+	\$11,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Both Sides</i>								
<i>Corrosion, Extent : Light, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	2-4	\$14,200	2029	\$47,300	5	\$700	
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Along The Parapet Walls</i>								
<i>Explanation : Vegetation Growth</i>								
Superstructure								

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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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TERRACE BRIDGE**  
**Asset # : 13462**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck, Structural								
Masonry: Brick	90%	0-2	\$207,700	2029	\$519,200			
<i>Efflorescence, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Mortar At Joints With Active Water Leak</i>								
Steel	10%			LIFE		**		
<i>Corrosion, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	100%	4+	\$327,300	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delaminations Of Arch Members And Broken/ Missing Pieces</i>								
Secondary Member								
Steel	100%	4+	\$7,200	LIFE		**	4-8	\$196,400
<i>Corrosion, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK BRIDGE W 148TH ST PEDESTRIAN BRIDGE  
**Address** : FROM TEN MILE PLGD OVER HH PKWY AND TRAIN TRACKS TO RIVERSIDE DR  
**Borough** : MANHATTAN **Agency's Number** : 2245230  
**Program / Asset #** : PAR0006.B09 / 14226 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 1,435 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Aug-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245230

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$270,200	\$8,600
<b>Total</b>	<b>\$270,200</b>	<b>\$8,600</b>
Importance Code A	\$270,200	
Importance Code B		\$8,600
<b>Total</b>	<b>\$270,200</b>	<b>\$8,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$62,900	\$600		\$6,200
<b>Total</b>	<b>\$62,900</b>	<b>\$600</b>		<b>\$6,200</b>
Importance Code A	\$56,700	\$600		
Importance Code B	\$5,000			
Importance Code C	\$1,200			\$6,200
<b>Total</b>	<b>\$62,900</b>	<b>\$600</b>		<b>\$6,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W 148TH ST PEDESTRIAN BRIDGE**

**Asset # : 14226**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Masonry	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	50%			LIFE	**	5	\$400	
			<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 : East Side Of Bridge</i>					
			<i>Explanation : No Stem Wall On West Side, Only Pier</i>					
Concrete	50%			LIFE	**	5	\$400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Not Accessible</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE	**	3-5	\$20,200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : East Abutment</i>					
			<i>Explanation : This Asset Is Supported By A Pier On The West Side</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$2,200	
Approaches								
Pavement								
Asphalt	30%			2028	\$5,200			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : West Side Approach, Random Locations Throughout</i>					
			<i>Explanation : Earth Approach, Vegetation Growth</i>					
Concrete	70%			2036	**	4	\$3,500	
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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W 148TH ST PEDESTRIAN BRIDGE**

**Asset # : 14226**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2036		**	5	\$1,300
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Broken</i>						
<b>Piers</b>								
Cap Beam								
Steel	100%			LIFE			**	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Western Stairs</i>						
		<i>Explanation : Located Under Western Stairs</i>						
Pier,Columns								
Steel	50%	Now	\$2,700	LIFE			**	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Southwest Staircase</i>						
		<i>Explanation : Abandoned Staircase Due To Poor Corroded Condition, Fenced Off.</i>						
Steel	50%	4+	\$2,300	LIFE			**	
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Corrosion To Steel Staircase At Northwest Approach.</i>						
Stem,Solid Pier								
Concrete	100%			LIFE			**	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : West Side</i>						
		<i>Explanation : This Asset Is Supported By A Pier On The West Side</i>						
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047			**	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete	80%			2047			**	
Concrete	20%	4+	\$3,500	2047			**	
		<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>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W 148TH ST PEDESTRIAN BRIDGE**  
**Asset # : 14226**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements									
	Railings/Parapets								
	Steel	100%	4+	\$27,800	LIFE		**		
				<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
				<i>Location : Random Locations Throughout</i>					
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Entire Bridge</i>					
				<i>Explanation : Through Girders Serve As Parapets, Steel Fence Attached Atop The Girders.</i>					
Wearing Surface									
	Concrete	2%	Now		2036		**		
				<i>Spalling, Extent : Light, Area Affected : 50%</i>					
				<i>Location : Random Locations Throughout</i>					
	Concrete	98%			2036		**		
Superstructure									
	Deck,Structural								
	Concrete	100%	4+	\$270,200	LIFE		**	5	\$1,600
				<i>Delaminations, Extent : Light, Area Affected : 10%</i>					
				<i>Location : Random Locations Throughout</i>					
				<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
				<i>Location : Random Locations Throughout</i>					
Joints									
	Single Type	100%			LIFE		**		
Primary Member									
	Steel	80%			LIFE		**		
	Steel	20%	4+	\$25,500	LIFE		**		
				<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
				<i>Location : At Floor Beam Connections, Top Flange At Posts, Web At Curb Line, Bottom Flange At Exterior Stiffeners</i>					
				<i>Explanation : Corrosion And Paint Peeling</i>					
Secondary Member									
	Steel	100%			LIFE		**	4-8	\$71,200

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK BRIDGE EXIT RAMP W 79TH ST FROM HH PKWY N. BOUND  
 Address : SOUTH UNDERPASS TO BOAT BASIN PARKLANDS BET W78 AND W79 STS  
 Borough : MANHATTAN Agency's Number : M00003  
 Program / Asset # : PAR0006.B07 / 14224 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 5,688 Project Type : PARKS AND RECREATION  
 Date of Survey : 28-Sep-2015 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges		\$100,500
<b>Total</b>		<b>\$100,500</b>
Importance Code C		\$100,500
<b>Total</b>		<b>\$100,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$48,300	\$200		\$19,700
<b>Total</b>	<b>\$48,300</b>	<b>\$200</b>		<b>\$19,700</b>
Importance Code A	\$6,900	\$200		
Importance Code B	\$1,400			
Importance Code C	\$39,900			\$19,700
<b>Total</b>	<b>\$48,300</b>	<b>\$200</b>		<b>\$19,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE EXIT RAMP W 79TH ST FROM HH PKWY N. BOUND**  
**Asset # : 14224**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%	4+	\$100	LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Abutment</i>					
			<i>Explanation : Spalling</i>					
Stem (breastwall)								
Concrete	100%	4+	\$1,300	LIFE		**	5	\$600
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Southeast Corner</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$31,400	LIFE		**	3-5	\$56,700
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Efflorescence</i>					
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$300
Approaches								
Pavement								
Asphalt	100%	4+	\$5,000	2028	\$100,500			
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Along Centerline And At Random Locations</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE EXIT RAMP W 79TH ST FROM HH PKWY N. BOUND**  
**Asset # : 14224**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$3,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	75%			LIFE			**	
Steel	25%			LIFE			**	
Scupper								
Cast Iron	100%			LIFE			**	
Deck Elements								
Curbs								
Concrete	100%	4+	\$900	2047			**	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Granite	100%			LIFE			**	
Railings/Parapets								
Masonry	100%			2036			**	5
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Wearing Surface								
Asphalt	100%	4+	\$800	2028	\$8,000	5		\$100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Centerline And At Random Locations</i>								
Fascias								
Masonry: Schist/Gneiss	100%	4+	\$2,600	LIFE			**	3-5
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains</i>								
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE EXIT RAMP W 79TH ST FROM HH PKWY N. BOUND**  
**Asset # : 14224**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

Superstructure

Primary Member

Concrete

100% 4+ \$2,400 LIFE \* \*

*Spalling, Extent : Light, Area Affected : 2%**Location : Southeast Corner**Other Observation, Extent : Severe, Area Affected : 75%**Location : Throughout**Explanation : Paint Peeling*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK BRIDGE ON RAMP W 79TH ST TO HH PKWY NORTH BOUND  
**Address** : NORTH UNDERPASS TO BOAT BASIN PARKLANDS BET W79 AND W80 STS  
**Borough** : MANHATTAN **Agency's Number** : M00004  
**Program / Asset #** : PAR0006.B08 / 14225 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 5,184 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Sep-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$61,600	\$90,400
<b>Total</b>	<b>\$61,600</b>	<b>\$90,400</b>
Importance Code C	\$61,600	\$90,400
<b>Total</b>	<b>\$61,600</b>	<b>\$90,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$25,000	\$200		\$15,800
<b>Total</b>	<b>\$25,000</b>	<b>\$200</b>		<b>\$15,800</b>
Importance Code A	\$10,500	\$200		
Importance Code C	\$14,500			\$15,800
<b>Total</b>	<b>\$25,000</b>	<b>\$200</b>		<b>\$15,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE ON RAMP W 79TH ST TO HH PKWY NORTH BOUND**  
**Asset # : 14225**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**	5		
		<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Paint Peeling</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$61,600	LIFE	**	3-5	\$44,400	
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Northeast Wingwall Vertical Joint Filler Eroded</i>						
		<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$300	
Approaches								
Pavement								
Asphalt	100%	4+	\$9,000	2028	\$90,400			
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete	100%	4+	\$1,600	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE ON RAMP W 79TH ST TO HH PKWY NORTH BOUND**  
**Asset # : 14225**

Park Bridges		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Railings/Parapets									
Granite	75%			LIFE		**			
Steel	25%	4+	\$3,600	LIFE		**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>									
<i>Location : At North Approach</i>									
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
Scupper									
Cast Iron	100%			LIFE		**			
Deck Elements									
Curbs									
Concrete	60%			2047		**			
Concrete	40%	0-2	\$1,800	2057		**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 80%</i>									
<i>Location : East Curb</i>									
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>									
<i>Location : Random Locations Throughout</i>									
Median									
Granite	100%			LIFE		**			
Railings/Parapets									
Masonry	100%			2036		**	5	\$400	
Wearing Surface									
Asphalt	100%	4+	\$3,100	2028	\$7,800		5	\$100	
<i>Cracks, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations Throughout</i>									
Fascias									
Masonry: Schist/Gneiss	100%	4+	\$2,400	LIFE		**	3-5	\$6,500	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations Throughout</i>									
Superstructure									
Primary Member									
Concrete	95%			LIFE		**			
Concrete	5%	4+	\$3,500	LIFE		**			
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : At Center Of Arch</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM HENRY HUDSON  
 Address : W79 TH STREET EXIT FROM SOUTH BOUND HH PARKWAY  
 Borough : MANHATTAN Agency's Number : 226771D  
 Program / Asset # : PAR0006.B01 / 14217 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 3,060 Project Type : PARKS AND RECREATION  
 Date of Survey : 24-Sep-2015 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 226771D

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$3,041,700	\$40,500
<b>Total</b>	<b>\$3,041,700</b>	<b>\$40,500</b>
Importance Code A	\$111,700	
Importance Code B	\$2,930,000	
Importance Code C		\$40,500
<b>Total</b>	<b>\$3,041,700</b>	<b>\$40,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$77,900			\$4,800
<b>Total</b>	<b>\$77,900</b>			<b>\$4,800</b>
Importance Code A	\$19,300			
Importance Code B	\$25,500			\$4,700
Importance Code C	\$33,100			\$100
<b>Total</b>	<b>\$77,900</b>			<b>\$4,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM HENRY HUDSON**  
**Asset # : 14217**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	90%			LIFE		**		
Concrete	10%	4+	\$1,300	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Asphalt</i>								
Mat (scour & erosion)								
Single Type	100%	4+	\$7,600	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks And Potholes In Asphalt</i>								
Stem (breastwall)								
Concrete	25%	4+	\$1,300	LIFE		**	5	\$600
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry: Granite	75%	4+	\$6,700	LIFE		**	3-5	\$14,900
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$400
Approaches								
Pavement								
Asphalt	75%			2028	\$40,500			
Asphalt	25%	Now	\$13,500	2032		**		
<i>Broken,Missing Pave, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Curbs								
Concrete	100%	4+	\$2,200	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Various Locations Along Curb Lines</i>								
Embankment								
Earth	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM HENRY HUDSON**  
**Asset # : 14217**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	50%			2036	**			
Steel	50%			LIFE	**			
<b>Piers</b>								
Cap Beam								
Concrete Encased Steel	80%			LIFE	**			
Concrete Encased Steel	20%	4+	\$14,900	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges</i>								
Pier, Columns								
Concrete Encased Steel	80%			LIFE	**			
Concrete Encased Steel	20%	4+	\$2,930,000	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges</i>								
Stem, Solid Pier								
Concrete	100%	4+	\$4,700	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete	80%			2047	**			
Concrete	20%	4+	\$2,200	2047	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	80%			2028	\$9,200	5	\$300	
Asphalt	20%	4+	\$2,300	2032	**	5		
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM HENRY HUDSON**  
**Asset # : 14217**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Deck Elements</b>								
	Scupper							
	Cast Iron	100%	0-2	\$16,000	LIFE		**	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Clogged With Dirt And Vegetation</i>								
<hr/>								
<b>Superstructure</b>								
	Deck,Structural							
	Concrete	90%			LIFE		**	\$1,000
	Concrete	10%	4+	\$57,600	LIFE		**	\$100
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
	Primary Member							
	Concrete Encased Steel	90%			LIFE		**	\$1,100
	Concrete Encased Steel	10%	4+	\$54,100	LIFE		**	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges</i>								
<hr/>								
	Secondary Member							
	Concrete Encased Steel	83%			2055		**	
	Concrete Encased Steel	17%	4+	\$5,400	2067		**	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM ROTUNDA GARAGE  
 Address : RAMP FROM PARK TO W 79TH STREET  
 Borough : MANHATTAN Agency's Number : 226771C  
 Program / Asset # : PAR0006.B02 / 14218 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 11,100 Project Type : PARKS AND RECREATION  
 Date of Survey : 24-Aug-2015 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 226771C

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$1,745,000	\$195,700
<b>Total</b>	<b>\$1,745,000</b>	<b>\$195,700</b>
Importance Code A	\$646,700	
Importance Code B	\$1,098,300	
Importance Code C		\$195,700
<b>Total</b>	<b>\$1,745,000</b>	<b>\$195,700</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$119,500			
<b>Total</b>	<b>\$119,500</b>			
Importance Code A	\$48,800			
Importance Code B	\$31,200			
Importance Code C	\$39,400			
<b>Total</b>	<b>\$119,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM ROTUNDA GARAGE**  
**Asset # : 14218**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion) Concrete	100%			LIFE	**	5	\$600	
Approaches								
Pavement								
Asphalt	90%	4+	\$17,600	2028	\$176,100			
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Settlement</i>								
Asphalt	10%	Now	\$7,800	2028	\$19,600			
<i>Broken,Missing Pave, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%	4+	\$1,800	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM ROTUNDA GARAGE**  
**Asset # : 14218**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete Encased Steel	100%	4+	\$294,900	LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion</i>								
<b>Pier,Columns</b>								
Concrete Encased Steel	8%	4+	\$1,098,300	LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion; 5 Percent Light Delamination</i>								
Concrete Encased Steel	92%			LIFE				**
<b>Stem,Solid Pier</b>								
Concrete	100%	4+	\$12,800	LIFE				**
<i>Delaminations, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	70%			2047				**
Concrete	30%	4+	\$11,200	2057				**
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Large Grass Strip Between Eastern Curb And Raised Roadway</i>								
<b>Railings/Parapets</b>								
Concrete	50%	4+	\$1,000	2036				**
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Parapet At Interior Wall Of Rotunda</i>								
No Component	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Parapet At Exterior Wall Of Rotunda</i>								
<i>Explanation : Granite Parapet Is Not Part Of This Asset. It Is Part Of Wall Asset 14242</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM ROTUNDA GARAGE**  
**Asset # : 14218**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Deck Elements								
Wearing Surface								
	Asphalt	50%	4+	\$6,300	2028	\$21,000	5	\$300
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Settlement</i>								
	Concrete	50%	4+	\$7,700	2036	**		
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
	Concrete	90%			LIFE	**	5	\$3,700
	Concrete	10%	4+	\$34,800	LIFE	**	5	\$400
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
	Concrete Encased Steel	80%	4+	\$351,800	LIFE	**	5	\$3,300
<i>Other Observation, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion</i>								
	Concrete Encased Steel	20%			LIFE	**	5	\$800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Secondary Member								
	Concrete Encased Steel	80%	4+	\$18,400	2055	**		
<i>Other Observation, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion</i>								
	Concrete Encased Steel	20%			2055	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK BRIDGE W79TH ST PEDESTRIAN PLAZA ROTUNDA  
**Address** : ROTUNDA PLAZA BELOW TRAFFIC CIRCLE AT FOOT OF W 769TH STREET  
**Borough** : MANHATTAN **Agency's Number** : 2267717  
**Program / Asset #** : PAR0006.B06 / 14222 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 16,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2267717

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$520,400	\$282,100
<b>Total</b>	<b>\$520,400</b>	<b>\$282,100</b>
Importance Code A	\$351,300	
Importance Code B	\$128,000	
Importance Code C	\$41,100	\$282,100
<b>Total</b>	<b>\$520,400</b>	<b>\$282,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$86,800			
<b>Total</b>	<b>\$86,800</b>			
Importance Code A	\$12,400			
Importance Code B	\$12,900			
Importance Code C	\$61,500			
<b>Total</b>	<b>\$86,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST PEDESTRIAN PLAZA ROTUNDA**  
**Asset # : 14222**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$900	
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$28,200	2028	\$282,100			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : End Approach Right Side At Stairs To Span 10</i>					
			<i>Explanation : Depressed And Cracked Surface</i>					
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Cobblestone	100%	4+	\$24,400	LIFE	**			
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
Cap Beam								
Concrete Encased Steel	100%	4+	\$198,600	LIFE	**			
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : A Portion Of Concrete Encasement Is Missing And Broken</i>					
Pier,Columns								
Concrete Encased Steel	100%	4+	\$128,000	LIFE	**			
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : A Portion Of Concrete Encasement Is Missing And Broken</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST PEDESTRIAN PLAZA ROTUNDA**  
**Asset # : 14222**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Gratings								
Steel Grating	100%	2-4	\$11,100	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Joint Between Rotunda And Pedestrian Plaza</i>								
<i>Explanation : Three Different Materials Are Used (Steel, Galvanized Steel, And Wood Plank), Steel Is Heavily Corroded.</i>								
Median								
Granite	100%	4+	\$1,300	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Center Of Rotunda</i>								
<i>Explanation : Joint Mortar Missing And Vegetation Growth</i>								
Wearing Surface								
Brick	50%			2040		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Paver</i>								
Cobblestone	40%	4+	\$8,900	2032		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks, Spalling, And Settlement</i>								
Cobblestone	10%			2032		**		
Superstructure								
Deck, Structural								
Concrete	25%	2-4	\$50,200	LIFE		**	5	\$1,500
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	75%			LIFE		**	5	\$4,400
Joints								
Single Type	100%	0-2	\$41,100	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Circular Drainage Through Exhibit Severe Corrosion And Delamination At Underside And Broken Grating At Top Side.</i>								
Primary Member								
Concrete Encased Steel	100%	4+	\$102,500	LIFE		**	5	\$21,200
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corroded</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST PEDESTRIAN PLAZA ROTUNDA**  
**Asset # : 14222**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		

Superstructure

Secondary Member

Concrete Encased Steel	100%	4+	\$12,900	2067	* *
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*Other Observation, Extent : Light, Area Affected : 20%*

*Location : Random Locations Throughout*

*Explanation : Concrete Encasement Missing And Steel Corroded*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK BRIDGE W79TH ST RAMP FROM TRAFFIC CIRCLE TO PARK  
**Address** : RAMP TO GARAGE UNDER ROTUNDA AT FOOT OF W 79TH ST  
**Borough** : MANHATTAN **Agency's Number** : 226771B  
**Program / Asset #** : PAR0006.B04 / 14220 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 10,640 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 226771B

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$351,800	\$187,600
<b>Total</b>	<b>\$351,800</b>	<b>\$187,600</b>
Importance Code A	\$351,800	
Importance Code C		\$187,600
<b>Total</b>	<b>\$351,800</b>	<b>\$187,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$114,500			
<b>Total</b>	<b>\$114,500</b>			
Importance Code A	\$62,100			
Importance Code B	\$27,200			
Importance Code C	\$25,300			
<b>Total</b>	<b>\$114,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W9TH ST RAMP FROM TRAFFIC CIRCLE TO PARK**  
**Asset # : 14220**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion) Concrete	100%			LIFE	**	5	\$600	
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	4+	\$9,400	2028	\$187,600			
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete	100%	4+	\$3,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Earth	100%			LIFE	**			
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete Encased Steel	100%	4+	\$15,500	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel 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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W9TH ST RAMP FROM TRAFFIC CIRCLE TO PARK**  
**Asset # : 14220**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Piers</b>								
<b>Pier,Columns</b>								
	Concrete Encased Steel	70%			LIFE			**
	Concrete Encased Steel	30%	4+	\$5,200	LIFE			**
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion; 5 Percent Light Delamination</i>								
<hr/>								
<b>Stem,Solid Pier</b>								
	Concrete	100%	4+	\$3,600	LIFE			**
<i>Delaminations, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
	Not Accessible	100%						
<hr/>								
<b>Footings</b>								
	Not Accessible	100%						
<hr/>								
<b>Piles</b>								
	Not Accessible	100%						
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
	Concrete	70%			2047			**
	Concrete	30%	4+	\$5,200	2047			**
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Large Grass Strip Between Eastern Curb And Raised Roadway</i>								
<hr/>								
<b>Railings/Parapets</b>								
	Concrete	50%	4+	\$4,500	2036			**
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Parapet At Interior Wall Of Rotunda</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Parapet At Interior Wall Of Rotunda</i>								
	No Component	50%						
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Parapet At Exterior Wall Of Rotunda</i>								
<i>Explanation : Granite Parapet Is Not Part Of This Asset. It Is Part Of Wall Asset 14242</i>								

Note : 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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST RAMP FROM TRAFFIC CIRCLE TO PARK**  
**Asset # : 14220**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	50%	4+	\$6,000	2028	\$20,100	5	\$300	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Revelling</i>								
Concrete	50%	4+	\$1,800	2036	**			
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%	2-4	\$8,000	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Clogged With Dirt And Vegetation</i>								
Superstructure								
Deck, Structural								
Concrete	10%	4+	\$33,400	LIFE	**	5	\$400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			LIFE	**	5	\$3,500	
Primary Member								
Concrete Encased Steel	80%	4+	\$351,800	LIFE	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion</i>								
Concrete Encased Steel	20%			LIFE	**	5	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Secondary Member								
Concrete Encased Steel	80%	4+	\$18,400	2055	**			
<i>Other Observation, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing And Steel Corrosion</i>								
Concrete Encased Steel	20%			2055	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK BRIDGE W79TH ST RAMP TO SOUTH BOUND HENRY HUDSON  
 Address : ENTRANCE RAMP FROM W 79TH STREET TO SOUTH BOUND HENRY HUNSON PKWY  
 Borough : MANHATTAN Agency's Number : 226771A  
 Program / Asset # : PAR0006.B05 / 14221 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 2,600 Project Type : PARKS AND RECREATION  
 Date of Survey : 24-Sep-2015 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN : 226771A

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Park Bridges	\$216,900	\$45,800
<b>Total</b>	<b>\$216,900</b>	<b>\$45,800</b>
Importance Code A	\$216,900	
Importance Code C		\$45,800
<b>Total</b>	<b>\$216,900</b>	<b>\$45,800</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$80,200			\$5,200
<b>Total</b>	<b>\$80,200</b>			<b>\$5,200</b>
Importance Code A	\$4,500			
Importance Code B	\$45,000			\$5,200
Importance Code C	\$30,800			
<b>Total</b>	<b>\$80,200</b>			<b>\$5,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST RAMP TO SOUTH BOUND HENRY HUDSON**  
**Asset # : 14221**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	100%	4+	\$2,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Abutment</i>								
<i>Explanation : Covered With Asphalt</i>								
Mat (scour & erosion)								
Single Type	100%	2-4	\$15,100	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks And Potholes In Asphalt, Spalls To Concrete Curb</i>								
Stem (breastwall)								
Concrete Encased Steel	25%	4+	\$3,500	LIFE		**	5	\$600
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Concrete Encased Steel Cap Beam Between Center And Right Columns</i>								
<i>Explanation : Spalled Encasement Corroded Bottom Flange</i>								
Masonry: Granite	75%	4+	\$7,400	LIFE		**	3-5	\$16,600
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$500
Approaches								
Pavement								
Asphalt	100%	4+	\$2,300	2028	\$45,800			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST RAMP TO SOUTH BOUND HENRY HUDSON**  
**Asset # : 14221**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Embankment								
Earth	100%			LIFE		**		
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete Encased Steel	80%			LIFE		**		
Concrete Encased Steel	20%	4+	\$2,000	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges</i>								
<hr/>								
<b>Pier,Columns</b>								
Concrete Encased Steel	80%			LIFE		**		
Concrete Encased Steel	20%	4+	\$7,400	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges</i>								
<hr/>								
<b>Stem,Solid Pier</b>								
Concrete	100%	4+	\$2,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Single Type	100%			LIFE		**		
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$2,500	2047		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%	Now	\$9,800	2032		**	5	\$200
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST RAMP TO SOUTH BOUND HENRY HUDSON**  
**Asset # : 14221**

<b>Park Bridges</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Scupper Cast Iron	100%	0-2	\$16,000	LIFE		**	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Clogged With Dirt And Vegetation</i>								
<hr/>								
<b>Superstructure</b>								
	Deck,Structural Concrete	100%	4+	\$81,600	LIFE		**	5 \$1,000
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Primary Member</b>								
	Concrete Encased Steel	100%	4+	\$135,300	LIFE		**	5 \$1,300
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks In Concrete Encasement. Spalled Encasement With Exposed Corroded Bottom Flange</i>								
<hr/>								
<b>Secondary Member</b>								
	Concrete Encased Steel	100%	4+	\$9,500	2055		**	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracked And Spalled Encasement Of Knee Brace Corroded Steel</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE  
**Address** : OVER ROTUNDA @ FOOT OF W 79TH ST  
**Borough** : MANHATTAN **Agency's Number** : 2267718  
**Program / Asset #** : PAR0006.B03 / 14219 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 22,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2267718

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Park Bridges	\$51,663,100	\$637,200
<b>Total</b>	<b>\$51,663,100</b>	<b>\$637,200</b>
Importance Code A	\$3,301,100	
Importance Code B	\$48,362,000	
Importance Code C		\$637,200
<b>Total</b>	<b>\$51,663,100</b>	<b>\$637,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Park Bridges	\$90,300	\$54,600	\$500	\$800
<b>Total</b>	<b>\$90,300</b>	<b>\$54,600</b>	<b>\$500</b>	<b>\$800</b>
Importance Code A	\$38,700			
Importance Code B	\$21,800			
Importance Code C	\$29,900	\$54,600	\$500	\$800
<b>Total</b>	<b>\$90,300</b>	<b>\$54,600</b>	<b>\$500</b>	<b>\$800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE**

**Asset # : 14219**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	20%	4+	\$2,600	LIFE		**		
<i>Leakage, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			LIFE		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%	0-2	\$9,000	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Joint Is Paved Over With Asphalt And Asphalt At Joint Is In Poor Condition</i>								
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%	4+	\$12,800	LIFE		**	5	\$5,700
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$1,000
Approaches								
Pavement								
Asphalt	90%			2028	\$349,100			
Asphalt	10%	2-4	\$7,800	2028	\$38,800			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Joint</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Joint</i>								
<i>Explanation : Settlement</i>								
Curbs								
Concrete	90%			LIFE		**		
Concrete	10%	4+	\$5,600	LIFE		**		
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE**  
**Asset # : 14219**

Park Bridges		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								
Guide Railing								
Concrete	100%	4+	\$2,500	2036			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%			2025	\$166,200	4	\$163,800	
Piers								
Cap Beam								
Concrete Encased Steel	70%			LIFE			**	
Concrete Encased Steel	30%	2-4	\$827,000	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing, Concrete Delamination And Steel Corrosion</i>								
Pier, Columns								
Concrete Encased Steel	85%			LIFE			**	
Concrete Encased Steel	15%	2-4	\$48,093,000	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Encasement Missing, Concrete Delamination And Steel Corrosion</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE			**	
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	40%	2-4	\$13,800	2047			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	60%			2047			**	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE**

**Asset # : 14219**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Railings/Parapets</b>								
Granite	80%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Parapet At Interior Wall Of Rotunda</i>								
<i>Explanation : Good Condition</i>								
Granite	20%	2-4	\$16,800	LIFE		**		
<i>Joints Missing, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout, Parapet At Interior Wall Of Rotunda</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout, Parapet At Interior Wall Of Rotunda</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout, Parapet At Interior Wall Of Rotunda</i>								
<i>Explanation : Efflorescence</i>								
<b>Sidewalks</b>								
Concrete	75%			2032		**	5	\$1,000
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stairs On Either Side Of The Roadway. A Wood Ramp On North Side Of Stairway</i>								
Concrete	25%	4+	\$3,600	2032		**	5	\$200
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Asphalt	65%			2028	\$54,000		5	\$1,700
Asphalt	35%	2-4	\$11,600	2028	\$29,100		5	\$400
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Settlement</i>								
<b>Scupper</b>								
Cast Iron	100%	4+	\$4,300	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Clogged With Debris</i>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE**

**Asset # : 14219**

Park Bridges		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	60%	4+	\$414,300	LIFE	**	5	\$4,800
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Leakage, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
	Concrete	40%			LIFE	**	5	\$3,200
Primary Member								
	Concrete Encased Steel	100%	4+	\$2,059,900	LIFE	**	5	\$19,300
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Concrete Encasement Missing And Steel Corrosion</i>						
Secondary Member								
	Concrete Encased Steel	100%	4+	\$269,000	2055	**		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Concrete Encasement Missing And Steel 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK W 72ND UNDERPASS  
**Address** : UNDER HENRY HUDSON PARKWAY BETWEEN W72ND AND W73RD STREETS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.B10 / 14640 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,929 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Sep-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 222928C

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Park Bridges	\$34,900			\$14,800
<b>Total</b>	<b>\$34,900</b>			<b>\$14,800</b>
Importance Code A	\$14,300			
Importance Code B	\$3,100			
Importance Code C	\$17,500			\$14,800
<b>Total</b>	<b>\$34,900</b>			<b>\$14,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK W 72ND UNDERPASS**  
**Asset # : 14640**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%	4+	\$3,100	LIFE	**	5	\$1,400	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$11,200	LIFE	**	3-5	\$30,700	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$700	
<b>Deck Elements</b>								
Fascias								
Masonry: Schist/Gneiss	100%	4+	\$6,300	LIFE	**	3-5	\$17,300	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
Primary Member								
Concrete	100%	4+	\$14,300	LIFE	**			
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracks, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

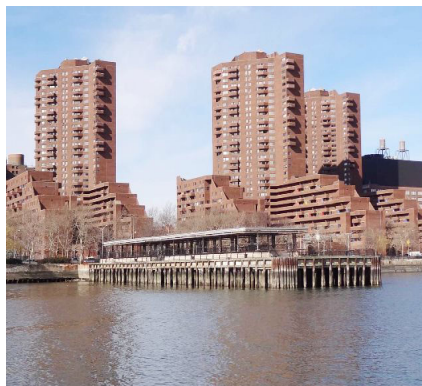
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : 107TH ST PIER HARLEM RIVER  
**Address** : 107 ST AND FDR DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0130.000 / 13497 **Yr Built/Renovated** : 1991 /  
**Area Sq Ft** : 16,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1700 **Lot** : 58 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$321,600	\$615,500
<b>Total</b>	<b>\$321,600</b>	<b>\$615,500</b>
Importance Code A	\$150,000	
Importance Code B	\$49,200	\$615,500
Importance Code C	\$122,400	
<b>Total</b>	<b>\$321,600</b>	<b>\$615,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$98,700	\$1,200		
<b>Total</b>	<b>\$98,700</b>	<b>\$1,200</b>		
Importance Code A				
Importance Code B	\$38,700			
Importance Code C	\$59,900	\$1,200		
<b>Total</b>	<b>\$98,700</b>	<b>\$1,200</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**107TH ST PIER HARLEM RIVER**  
**Asset # : 13497**

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	10%			LIFE	**	5	\$3,100
		<i>Cracking, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
	Not Accessible	90%						
	Deck Surface							
	Asphalt Pavers	40%	Now	\$122,400	2036	**		
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At Offshore End Of Pier And Throughout</i>						
	Asphalt Pavers	20%			2036	**		
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
	Concrete	20%	Now	\$30,500	2042	**	5	\$1,200
		<i>Broken, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Erosion, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : West End Of Pier</i>						
		<i>Explanation : Stairs At The West End Are Displaced</i>						
	Concrete	20%			2036	**	5	\$2,300
	Pile Caps							
	Not Accessible	100%						
	Piles and Bracing							
	Concrete	10%	Now	\$150,000	LIFE	**	5	\$5,300
		<i>Broken, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Exposed Reinforcement, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
	Concrete	20%			LIFE	**	5	\$10,600
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
	Not Accessible	70%						
	Coping/Curb							
	Timber	40%	Now	\$29,400	LIFE	**		
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
	Timber	60%			LIFE	**		
		<i>Rotting/Splitting, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
	Fender							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**107TH ST PIER HARLEM RIVER**  
**Asset # : 13497**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Wales and Chocks								
Timber	15%	Now	\$18,200	2036	**	4	\$5,500	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Several Areas On South Face</i>								
Timber	85%			2036	**	4	\$46,400	
Piles								
Timber	60%			2036	**	4	\$15,100	
Not Accessible	40%							
Deck Elements								
Railing								
Steel	10%	Now	\$12,300	2025	\$61,600			
<i>Broken, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Base Of Railing</i>								
Steel	30%	4+	\$36,900	2025	\$184,700			
<i>Missing Coating, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Southwest</i>								
Steel	60%			2025	\$369,300			

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : 69TH STREET PIER CONCRETE FISHING PIER  
**Address** : FOOT OF BAY RIDGE AVE.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0133.000 / 13500 **Yr Built/Renovated** :  
**Area Sq Ft** : 29,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6140 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers			\$15,600	
<b>Total</b>			<b>\$15,600</b>	
Importance Code A				
Importance Code B			\$5,400	
Importance Code C			\$10,200	
<b>Total</b>			<b>\$15,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**69TH STREET PIER CONCRETE FISHING PIER**  
**Asset # : 13500**

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	\$27,800
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Isolated At Plank Joints</i>					
			<i>Explanation : Efflorescence</i>					
	Not Accessible	50%						
Deck Surface								
	Concrete	100%			2037	**	5	\$20,400
			<i>Cracking, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout Deck Surface</i>					
Pile Caps								
	Concrete	100%			LIFE	**	5	\$2,000
			<i>Cracking, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Isolated Throughout Pile Caps</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout Pile Caps</i>					
			<i>Explanation : Efflorescence</i>					
Piles and Bracing								
	Concrete	20%			LIFE	**	5	\$18,900
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Pile Corners In Tidal Zone</i>					
	Not Accessible	80%						
Fender								
Facing								
	Timber	2%			2037	**	3	\$1,000
			<i>Worn, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Splashzone</i>					
	No Component	95%						
	Not Accessible	3%						
Piles								
	Steel	2%			2037	**	3-5	\$10,400
			<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Splashzone</i>					
	No Component	95%						
	Not Accessible	3%						
Deck Elements								
Railing								
	Steel	100%			2026			
			<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Missing Connections, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Missing Nuts At Isolated Railing Posts</i>					
Electrical								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**69TH STREET PIER CONCRETE FISHING PIER**

**Asset # : 13500**

Piers	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Electrical

Lighting Fixture

Incandescent

100%

2022

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : 12 Lighting Fixtures Around Perimeter 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : 79TH STREET BOAT BASIN A DOCK FIXED PIER  
**Address** : WEST 80TH STREET HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.310 / 14869 **Yr Built/Renovated** : 2016 /  
**Area Sq Ft** : 7,380 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : 1254 **Lot** : 10 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers		\$45,400
<b>Total</b>		<b>\$45,400</b>
Importance Code A		\$45,400
<b>Total</b>		<b>\$45,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers			\$8,100	\$14,900
<b>Total</b>			<b>\$8,100</b>	<b>\$14,900</b>
Importance Code A				
Importance Code B			\$8,100	
Importance Code C				\$14,900
<b>Total</b>			<b>\$8,100</b>	<b>\$14,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**79TH STREET BOAT BASIN A DOCK FIXED PIER**

**Asset # : 14869**

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								
	Composite	100%			2058	**		
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fiberglass Deck Stringers</i>								
Deck Surface								
	Timber	100%			2043	**	5	\$29,800
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pile Caps								
	Concrete	100%			LIFE	**	5	\$500
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Piles and Bracing								
	Steel	40%			LIFE	**	5	\$45,400
	Not Accessible	60%						
Fender								
Facing								
	Timber	80%			2043	**	3	\$24,400
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
	Not Accessible	20%						
Pile Cluster								
	Timber	40%			2033	**	4-10	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : With Interior Steel Pipe Piles</i>								
	Not Accessible	60%						
Deck Elements								
Railing								
	Steel	100%			2028			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of Pier</i>								
Coping/Curb								
	Timber	100%			LIFE	**		
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Perimeter Of Pier</i>								
Electrical								
Conduit								
	Steel	100%			2028			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : 340 Linear Feet</i>								
Lighting Fixture								
	Incandescent	100%			2023			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Four Locations</i>								
Electrical/ Mechanical								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**79TH STREET BOAT BASIN A DOCK FIXED PIER**

**Asset # : 14869**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Electrical/ Mechanical	Power Supply/Bollards							
	Plastic	100%			2028			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Eight Locations</i>								
Mechanical/ Plumbing	Water Supply							
	Galvanized Steel	100%			2028			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fire Protection System 300 Liner Feet</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : 79TH STREET BOAT BASIN C DOCK PIER  
**Address** : WEST 79TH STREET HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.300 / 4507 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Sep-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : 1254 **Lot** : 10 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers		\$48,700
<b>Total</b>		<b>\$48,700</b>
Importance Code A		\$48,700
<b>Total</b>		<b>\$48,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$63,800		\$5,900	
<b>Total</b>	<b>\$63,800</b>		<b>\$5,900</b>	
Importance Code A	\$63,800			
Importance Code B			\$5,900	
<b>Total</b>	<b>\$63,800</b>		<b>\$5,900</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
79TH STREET BOAT BASIN C DOCK PIER  
Asset # : 4507**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Deck</b>								
Timber	100%			LIFE	**	5	\$48,700	
<b>Pile Caps</b>								
Timber	100%	4+	\$32,800	LIFE	**	4	\$91,100	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Isolated Ends</i>								
<b>Piles and Bracing</b>								
Timber	45%			LIFE	**	4-5	\$23,400	
Timber	5%	4+	\$31,000	LIFE	**	4-5	\$2,600	
<i>Buckling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Isolated Diagonal Braces</i>								
Not Accessible	50%							
<b>Fender</b>								
<b>Facing</b>								
Timber	30%			2037	**	3	\$17,700	
<i>Displaced Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Isolated</i>								
No Component	50%							
Not Accessible	20%							
<b>Pile Cluster</b>								
Timber	40%			2026		4-10		
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Rot In Exposed Pile Tops</i>								
Not Accessible	60%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONCRETE PIER  
**Address** : AT FOOT OF SHARROTT AVE.  
**Borough** : STATEN ISLAND      **Agency's Number** : N/A  
**Program / Asset #** : PAR0199.000 / 13941      **Yr Built/Renovated** :  
**Area Sq Ft** : 2,880      **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Dec-2014      **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6690      **Lot** : 1      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers		\$635,100
<b>Total</b>		<b>\$635,100</b>
Importance Code B		\$635,100
<b>Total</b>		<b>\$635,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$3,400			
<b>Total</b>	<b>\$3,400</b>			
Importance Code A	\$3,400			
<b>Total</b>	<b>\$3,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## CONCRETE PIER

Asset # : 13941

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	99%			LIFE	**	5	\$5,300
	Concrete	1%	4+	\$1,700	LIFE	**	5	\$100
<i>Cracking, Extent : Light, Area Affected : 100%</i>								
<i>Location : Cracking With Efflorescence On 1st And 2nd Precast Deck Segments</i>								
Pile Caps								
	Concrete	98%			LIFE	**	5	\$200
	Concrete	2%	4+	\$1,600	LIFE	**	5	
<i>Cracking, Extent : Light, Area Affected : 100%</i>								
<i>Location : Crack With Rust Staining On 2nd And 3rd Pile Cap From Shore</i>								
Piles and Bracing								
	Concrete	85%			LIFE	**	5	\$7,800
	Not Accessible	15%						
Deck Elements								
Railing								
	Steel	100%			2024			\$635,100
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Loss Of Paint</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DYCKMAN FISHING PIER  
**Address** : WEST OF DYCKMAN STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0159.004 / 13700 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,850 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Piers	\$560,700	\$131,800
<b>Total</b>	<b>\$560,700</b>	<b>\$131,800</b>
Importance Code A	\$177,400	\$111,600
Importance Code B	\$383,300	\$20,200
<b>Total</b>	<b>\$560,700</b>	<b>\$131,800</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers	\$7,800			
<b>Total</b>	<b>\$7,800</b>			
Importance Code A	\$5,800			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$7,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**DYCKMAN FISHING PIER**  
**Asset # : 13700**

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	65%			LIFE	**	5	\$5,900
	Concrete	2%	0-2	\$5,800	LIFE	**	5	\$200
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Northern Inshore Concrete Panel And Isolated Other Panels</i>								
	Steel	28%	4+	\$37,900	2026	\$63,200	5	\$5,700
<i>Corrosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Stringers Supporting Concrete Slabs</i>								
	Steel	5%	0-2	\$11,300	2033	**	5	\$1,000
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : First 10 Feet Of First Span From Shore</i>								
Pile Caps								
	Steel	100%	0-2	\$88,200	2033	**	5	\$20,000
<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Pier</i>								
<i>Displaced Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Several Rotated Or Non-centered Pile Cap To Pile Connections</i>								
Piles and Bracing								
	Steel	65%	4+	\$39,900	LIFE	**	5	\$48,500
<i>Corrosion, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : In Splash Zone</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Splash And Tidal Zones</i>								
	Not Accessible	35%						
Deck Elements								
Railing								
	Steel	95%			2023	\$383,300		
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Missing Coating, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
	Steel	5%	Now	\$2,000	2028	\$20,200		
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Northwest Corner And Isolated Along Length Of Pier</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : EAST RIVER PARK WALKWAY BRIDGES  
**Address** : EAST RIVER PARK EAST 6TH ST AND STANTON ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM144.005 / 14735 **Yr Built/Renovated** : 2012 /  
**Area Sq Ft** : 8,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 316 **Lot** : 200 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$214,900	
<b>Total</b>	<b>\$214,900</b>	
Importance Code A	\$214,900	
<b>Total</b>	<b>\$214,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$10,100		\$30,100	
<b>Total</b>	<b>\$10,100</b>		<b>\$30,100</b>	
Importance Code A	\$10,100		\$30,100	
<b>Total</b>	<b>\$10,100</b>		<b>\$30,100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**EAST RIVER PARK WALKWAY BRIDGES**  
**Asset # : 14735**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural								
Deck								
	Concrete	5%			LIFE	**	5	\$800
	Steel	85%			2032	**	5	\$60,200
	Steel	10%	4+	\$7,900	2032	**	5	\$3,500
<i>Broken, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Missing, Broken Deck Connection Clips And Transition Plate Bolts</i>								
Deck Surface								
	Asphalt Pavers	8%			2041	**		
	No Component	92%						
Pile Caps								
	Concrete	100%			LIFE	**	5	\$600
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Cap Of South Bridge</i>								
Piles and Bracing								
	Steel	20%			LIFE	**	5	\$26,100
	Not Accessible	80%						
Deck Elements								
Railing								
	Steel	100%			2026			
Electrical								
Lighting Fixture								
	Sodium	5%	Now	\$2,100	2022			\$10,700
<i>Broken, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Bridge Southwest Light Fixture</i>								
	Sodium	95%			2022			\$204,200

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : EDGEMERE PARK FISHING PIERS TWO TIMBER PIERS  
**Address** : SOMMERVILLE BASIN, ROCKAWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DPR0212.000 / 14014 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 15980 **Lot** : 2 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$90,700	
<b>Total</b>	<b>\$90,700</b>	
Importance Code B	\$90,700	
<b>Total</b>	<b>\$90,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**EDGEMERE PARK FISHING PIERS TWO TIMBER PIERS**

**Asset # : 14014**

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								
	Timber	100%			LIFE	**	5	\$10,500
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Isolated Deck Planks</i>								
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Pile Caps								
	Timber	100%			LIFE	**	4	\$19,600
Piles and Bracing								
	Timber	90%			LIFE	**	4-5	\$10,100
	Not Accessible	10%						
Deck Elements								
Railing								
	Timber	100%			2021	\$90,700		
<i>Loose Connections, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Disconnected Base Connections</i>								
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LEON S. KAISER PARK PIER  
**Address** : CONEY ISLAND CREEK W 30TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB129.002 / 901 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,764 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6965 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$95,400	\$476,800
<b>Total</b>	<b>\$95,400</b>	<b>\$476,800</b>
Importance Code B	\$95,400	\$476,800
<b>Total</b>	<b>\$95,400</b>	<b>\$476,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$50,200			
<b>Total</b>	<b>\$50,200</b>			
Importance Code A	\$16,600			
Importance Code C	\$33,600			
<b>Total</b>	<b>\$50,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**LEON S. KAISER PARK PIER**  
**Asset # : 901**

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	10%	4+	\$16,600	LIFE	**	5	\$500
				<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Throughout</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Throughout</i>				
	Concrete	90%			LIFE	**	5	\$4,600
				<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 75%</i>				
				<i>Location : Throughout</i>				
	Pile Caps							
	Concrete	100%			LIFE	**	5	\$200
				<i>Cracking, Extent : Light, Area Affected : 10%</i>				
				<i>Location : At Isolated Pile Locations</i>				
	Piles and Bracing							
	Timber	10%			LIFE	**	4-5	\$1,200
				<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
	Timber	90%			LIFE	**	4-5	\$11,100
	Coping/Curb							
	Concrete	25%			LIFE	**		
	Concrete	60%	Now	\$28,300	LIFE	**		
				<i>Exposed Reinforcement, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Isolated At Rail Posts Throughout</i>				
				<i>Missing Part, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Isolated Locations At West Half Of Pier</i>				
				<i>Spalling, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Isolated At Rail Posts Throughout</i>				
	Concrete	15%	2-4	\$5,300	LIFE	**		
				<i>Spalling, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Isolated At Rail Posts Throughout</i>				
	Deck Elements							
	Railing							
	Steel	12%	Now	\$11,400	2027			\$57,200
				<i>Broken, Extent : Severe, Area Affected : 10%</i>				
				<i>Location : At Base Of Posts</i>				
				<i>Corrosion, Extent : Severe, Area Affected : 10%</i>				
				<i>Location : At Base Of Posts</i>				
				<i>Loose Connections, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Loss Of Post Embedment In Curbs</i>				
	Steel	10%	0-2	\$9,500	2027			\$47,700
				<i>Corrosion, Extent : Severe, Area Affected : 10%</i>				
				<i>Location : At Base Of Posts And On Pipe Sleeves</i>				
	Steel	78%	2-4	\$74,400	2027			\$371,900
				<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : At Base Of Posts</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LOUIS VALENTINO, JR. CONCRETE PIER  
**Address** : FOOT OF COFFEY ST.  
**Borough** : BROOKLYN **Agency's Number** : B418  
**Program / Asset #** : PAR0208.000 / 13964 **Yr Built/Renovated** : 1996 /  
**Area Sq Ft** : 4,980 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 595 **Lot** : 52 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Piers		\$781,600
<b>Total</b>		<b>\$781,600</b>
Importance Code B		\$781,600
<b>Total</b>		<b>\$781,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers	\$4,000			
<b>Total</b>	<b>\$4,000</b>			
Importance Code A				
Importance Code B	\$2,300			
Importance Code C	\$1,700			
<b>Total</b>	<b>\$4,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**LOUIS VALENTINO, JR. CONCRETE PIER**  
**Asset # : 13964**

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	\$4,600
		<i>Cracking, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Isolated Throughout</i>						
	Not Accessible	50%						
Deck Surface	Concrete	100%			2035	**	5	\$3,400
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout Deck Surface</i>						
		<i>Discolor &amp; Bleeding, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout Painted Surface</i>						
Pile Caps	Concrete	100%			LIFE	**	5	\$300
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
Piles and Bracing	Concrete	35%			LIFE	**	5	\$5,500
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated Throughout</i>						
	Not Accessible	65%						
Fender	Pile Cluster							
	Timber	50%			2027		4-10	
		<i>Worn, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Above Mlw Elevation</i>						
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : On Cable Windings</i>						
		<i>Explanation : Corrosion</i>						
	Not Accessible	50%						
Deck Elements	Railing							
	Steel	99%			2024			\$773,800
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
	Steel	1%	0-2	\$2,300	2024			\$7,800
		<i>Corrosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : One Railing Segment At West End Of Pier</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MUSCOTA MARSH OVERLOOK PIER  
**Address** : NORTH SIDE INWOOD HILL PARK W 218TH ST AND INDIAN ROAD  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.046 / 14761 **Yr Built/Renovated** : 2013 /  
**Area Sq Ft** : 1,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2255 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$1,500			
<b>Total</b>	<b>\$1,500</b>			
Importance Code A	\$1,500			
Importance Code C				
<b>Total</b>	<b>\$1,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MUSCOTA MARSH OVERLOOK PIER**  
**Asset # : 14761**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural								
Deck								
	Steel	25%			2030	**	5	\$2,900
	Not Accessible	75%						
Deck Surface								
	Timber	100%			2039	**	5	\$5,600
Pile Caps								
	Concrete	10%			LIFE	**	5	
	No Component	50%						
	Not Accessible	40%						
Piles and Bracing								
	Concrete	100%			LIFE	**	5	\$4,400
Deck Elements								
Railing								
	Steel	100%			2025			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : OCEAN BREEZE FISHING PIER AT FDR BOARDWALK AND BEACH  
**Address** : FATHER CAPODANNO BLVD. NEAR SEAVIEW AVE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0203.000 / 13947 **Yr Built/Renovated** : 2003 /  
**Area Sq Ft** : 30,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Jan-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3525 **Lot** : 200 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$2,886,100	\$555,200
<b>Total</b>	<b>\$2,886,100</b>	<b>\$555,200</b>
Importance Code A	\$154,600	\$375,100
Importance Code B	\$1,620,600	\$180,100
Importance Code C	\$1,110,900	
<b>Total</b>	<b>\$2,886,100</b>	<b>\$555,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$65,700			
<b>Total</b>	<b>\$65,700</b>			
Importance Code A	\$47,700			
Importance Code B	\$18,000			
<b>Total</b>	<b>\$65,700</b>			



*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE FISHING PIER AT FDR BOARDWALK AND BEACH**  
**Asset # : 13947**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural Deck</b>								
Concrete	60%	4+	\$21,900	LIFE	**	5	\$34,100	
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Popouts Spalls In Edge Of Deck And Under Deck At Precast Joints And In Top Of Deck At Utility Boxes</i>								
Not Accessible	40%							
<b>Deck Surface</b>								
Asphalt Pavers	80%			2022	\$1,110,900			
No Component	20%							
<b>Pile Caps</b>								
Concrete	95%			LIFE	**	5	\$1,900	
Concrete	5%	4+	\$25,800	LIFE	**	5	\$100	
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3 Locations; Most Severe Is In 17th Cap From Shoreline</i>								
<b>Piles and Bracing</b>								
Steel	80%	4+	\$154,600	LIFE	**	5	\$375,100	
<i>Corrosion, Extent : Light, Area Affected : 85%</i>								
<i>Location : Above The Mhw Elevation</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : Above The Mhw Elevation</i>								
Not Accessible	20%							
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	90%			2021	\$1,620,600			
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Steel	10%	4+	\$18,000	2025	\$180,100			
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Railing And Baseplates At The Offshore End Of The Pier</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : OVERLOOK PIERS A, B, D SO RIVERSIDE PARK MARGINAL WHARF  
**Address** : W 59TH TO W 70TH STS., OVER ASSET 13501  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGS0046.010 / 14354 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,040 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 100 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers			\$6,300	
<b>Total</b>			<b>\$6,300</b>	
Importance Code A			\$6,300	
<b>Total</b>			<b>\$6,300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**OVERLOOK PIERS A, B, D SO RIVERSIDE PARK MARGINAL WHARF**  
**Asset # : 14354**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
	Timber	75%		LIFE	**	5	\$9,600	
	Not Accessible	25%						
Pile Caps								
	Steel	50%		2032	**	5	\$12,500	
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Coating Loss With Light Surface Corrosion</i>					
	Not Accessible	50%						
Piles and Bracing								
	Concrete	100%		LIFE	**	5	\$9,600	
Deck Elements								
Railing								
	Steel	100%		2027				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PARK WALKWAY WHARF @PIER 84  
**Address** : NORTH SIDE OF PIER 84 NORTH OF W 44TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0186.000 / 13888 **Yr Built/Renovated** : 2005 /  
**Area Sq Ft** : 994 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers	\$11,900			\$3,700
<b>Total</b>	<b>\$11,900</b>			<b>\$3,700</b>
Importance Code A	\$11,900			
Importance Code B				\$3,700
<b>Total</b>	<b>\$11,900</b>			<b>\$3,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PARK WALKWAY WHARF @PIER 84**  
**Asset # : 13888**

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	20%	4+	\$11,900	LIFE	**	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Along Offshore Edge Of Deck</i>								
<i>Explanation : Deterioration Of Skim Coat Surface</i>								
Not Accessible	80%							
Deck Surface								
Stone Pavers	85%			2039	**			
No Component	15%							
Piles and Bracing								
Steel	40%			LIFE	**	5	\$6,100	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Tidal Zone</i>								
Timber	40%			LIFE	**	4-5	\$1,800	
Not Accessible	20%							
Fender								
Wales and Chocks								
Timber	100%			2039	**	4	\$5,400	
Piles								
Timber	80%			2039	**	4	\$2,000	
Not Accessible	20%							
Deck Elements								
Railing								
Steel	100%			2025				
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Full Length</i>								
<i>Explanation : Timber Top Rail</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER @ TRANSMITTER PARK  
**Address** : KENT ST EAST RIVER  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0206.010 / 14936 **Yr Built/Renovated** : 2012 /  
**Area Sq Ft** : 6,820 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Nov-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2556 **Lot** : 41 **BIN** :

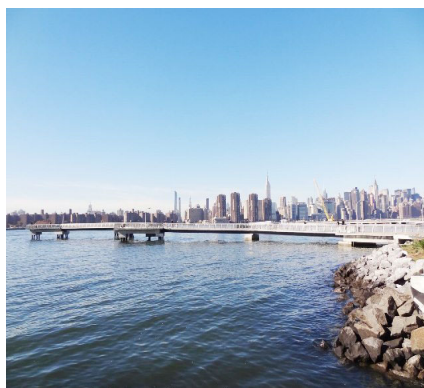
**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers		\$2,300	\$14,000	
<b>Total</b>		<b>\$2,300</b>	<b>\$14,000</b>	
Importance Code A			\$14,000	
Importance Code C		\$2,300		
<b>Total</b>		<b>\$2,300</b>	<b>\$14,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PIER @ TRANSMITTER PARK**  
**Asset # : 14936**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
	Concrete	25%		LIFE	**	5	\$3,200	
	Not Accessible	75%						
Deck Surface								
	Concrete	100%		2041	**	5	\$4,700	
			<i>Cracking, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Three 1/16th Inch Wide Cracks At The Inshore 30 Feet Of The Pier</i>					
Pile Caps								
	Concrete	50%		LIFE	**	5	\$200	
	Steel	50%		2032	**	5	\$28,100	
			<i>Corrosion, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Isolated At The Steel Girders</i>					
Piles and Bracing								
	Steel	20%		LIFE	**	5	\$21,000	
			<i>Missing Coating, Extent : Light, Area Affected : 25%</i>					
			<i>Location : In The Tidal Zone</i>					
	Not Accessible	80%						
Deck Elements								
Railing								
	Steel	100%		2027				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER - PEDESTRIAN WALK SOUTH RIVERSIDE PARK  
**Address** : W 59TH TO W 70TH STS., OFFSHORE ASSET 13501  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGS0046.020 / 14355 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,475 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 100 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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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.*

**DEPT. OF PARKS & RECREATION - 846**  
**PIER - PEDESTRIAN WALK SOUTH RIVERSIDE PARK**

**Asset # : 14355**

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	100%			LIFE	**	5	\$4,600
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Hairline Thermal Cracks Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Mid-pier</i>					
	Pile Caps							
	Concrete	100%			LIFE	**	5	\$200
	Piles and Bracing							
	Steel	80%			LIFE	**	5	\$30,400
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Areas Of Coating Loss In Tidal Zone</i>					
	Not Accessible	20%						
Deck Elements	Railing							
	Steel	100%			2026			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER @INWOOD CANOE CLUB  
**Address** : SOUTH OF DYCKMAN MARINA AND FORT WASHINGTON PARK  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0169.001 / 13696 **Yr Built/Renovated** : 1906 / 1990  
**Area Sq Ft** : 2,810 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$65,700	
<b>Total</b>	<b>\$65,700</b>	
Importance Code B	\$65,700	
<b>Total</b>	<b>\$65,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$29,200			
<b>Total</b>	<b>\$29,200</b>			
Importance Code A	\$29,200			
Importance Code B				
<b>Total</b>	<b>\$29,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PIER @INWOOD CANOE CLUB**  
**Asset # : 13696**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
<b>Deck</b>								
	Timber	50%			LIFE	**	5	\$5,900
	Not Accessible	50%						
<b>Pile Caps</b>								
	Timber	20%	4+	\$29,200	LIFE	**	4	\$4,400
				<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : At Ends Of Pile Caps, Primarily At Inshore Bent</i>				
	Timber	80%			LIFE	**	4	\$17,700
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout Underdeck</i>				
				<i>Explanation : Numerous Abandoned Elements</i>				
<b>Piles and Bracing</b>								
	Timber	70%			LIFE	**	4-5	\$8,800
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Numerous Abandoned Elements</i>				
	Not Accessible	30%						
<b>Fender</b>								
<b>Piles</b>								
	Timber	45%	4+	\$65,700	2043	**	4	\$2,300
				<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout In Tidal Zone</i>				
	No Component	55%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER 84  
**Address** : HUDSON RIVER, W 44TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGSP007.000 / 1773 **Yr Built/Renovated** : 1926 / 2006  
**Area Sq Ft** : 90,552 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1107 **Lot** : 21 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$90,500	\$114,800
<b>Total</b>	<b>\$90,500</b>	<b>\$114,800</b>
Importance Code C	\$90,500	\$114,800
<b>Total</b>	<b>\$90,500</b>	<b>\$114,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$40,800			\$56,900
<b>Total</b>	<b>\$40,800</b>			<b>\$56,900</b>
Importance Code A				
Importance Code B	\$10,900			\$56,900
Importance Code C	\$29,800			
<b>Total</b>	<b>\$40,800</b>			<b>\$56,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## PIER 84

## Asset # : 1773

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural	Deck							
	Concrete	5%			LIFE	**	5	\$8,400
				<i>Cracking, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
	Not Accessible	95%						
	Deck Surface							
	Asphalt	10%			2035	**	5	\$10,000
	Concrete	49%			2035	**	5	\$30,400
	Concrete	11%	0-2	\$90,500	2041	**	5	\$3,400
				<i>Broken, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Approximately 10 Broken Pavers Due To Bedding Condition</i>				
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : South Side Of Pier Approximately 400 Feet Long By 25 Feet Wide</i>				
				<i>Explanation : Undermined Bedding Retaining Water And Loosening Pavers</i>				
	Timber	15%			2039	**	5	\$54,800
	Topsoil	15%			2025		5	\$19,300
	\$114,800							
	Pile Caps							
	Concrete	5%			LIFE	**	5	\$300
				<i>Cracking, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Not Accessible	95%						
	Piles and Bracing							
	Concrete	5%			LIFE	**	5	\$14,300
				<i>Cracking, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Not Accessible	95%						
	Fender							
	Wales and Chocks							
	Timber	94%			2039	**	4	\$76,800
	Timber	4%	2-4	\$10,900	2041	**	4	\$3,300
				<i>Displaced Elements, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : North Side Of Pier</i>				
	No Component	2%						
	Piles							
	Timber	98%			2039	**	4	\$37,000
	No Component	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER 86 INTREPID MUSEUM  
**Address** : HUDSON RIVER, W 46TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGSP008.000 / 1774 **Yr Built/Renovated** : 1918 / 2008  
**Area Sq Ft** : 117,750 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1107 **Lot** : 30 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$85,600	\$43,900
<b>Total</b>	<b>\$85,600</b>	<b>\$43,900</b>
Importance Code A		\$43,900
Importance Code C	\$85,600	
<b>Total</b>	<b>\$85,600</b>	<b>\$43,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$13,000			\$34,200
<b>Total</b>	<b>\$13,000</b>			<b>\$34,200</b>
Importance Code A				
Importance Code B				\$34,200
Importance Code C	\$13,000			
<b>Total</b>	<b>\$13,000</b>			<b>\$34,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PIER 86 INTREPID MUSEUM**  
**Asset # : 1774**

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	20%			LIFE	**	5	\$43,900
				<i>Cracking, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Throughout And Topping Concrete On 2 Of 4 Offshore Bollards Broken</i>				
	Not Accessible	80%						
	Deck Surface							
	Asphalt	20%			2035	**	5	\$26,000
	Concrete	80%	4+	\$85,600	2039	**	5	\$32,200
				<i>Cracking, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Throughout</i>				
				<i>Erosion, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Throughout</i>				
	Firewalls							
	Not Accessible	100%						
	Pile Caps							
	Not Accessible	100%						
	Piles and Bracing							
	Timber	5%			LIFE	**	4-5	\$26,400
	Not Accessible	95%						
Fender	Wales and Chocks							
	Timber	60%			2039	**	4	\$55,500
	No Component	40%						
	Piles							
	Timber	30%			2039	**	4	\$12,800
	No Component	40%						
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER 95 OVERLOOK PIER  
**Address** : HUDSON RIVER, W 55TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0255.000 / 14763 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 02-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers				\$5,100
<b>Total</b>				<b>\$5,100</b>
Importance Code A				
Importance Code B				\$5,100
Importance Code C				
<b>Total</b>				<b>\$5,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PIER 95 OVERLOOK PIER**  
**Asset # : 14763**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
<b>Deck</b>								
	Concrete	15%			LIFE	**	5	\$700
	Not Accessible	85%						
<b>Deck Surface</b>								
	Stone Pavers	50%			2039	**		
	Timber	50%			2039	**	5	\$4,800
<b>Pile Caps</b>								
	Concrete	5%			LIFE	**	5	
	Not Accessible	95%						
<b>Piles and Bracing</b>								
	Not Accessible	100%						
<b>Fender</b>								
<b>Wales and Chocks</b>								
	Timber	100%			2039	**	4	\$7,600
<b>Piles</b>								
	Timber	75%			2039	**	4	\$2,600
	Not Accessible	25%						
<b>Pile Cluster</b>								
	Timber	75%			2030	**	4-10	
	Not Accessible	25%						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	100%			2025			
				<i>Corrosion, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PIER AT PRINCESS BAY MARINA CLUB HOUSE  
**Address** : SOUTH BANK OF LEMON CREEK AT MOUTH OF CREEK  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**Program / Asset #** : PAR0153.040 / 13652 Yr Built/Renovated :  
**Area Sq Ft** : 2,000 Project Type : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2018 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : 6694 Lot : 1 BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$304,300	
<b>Total</b>	<b>\$304,300</b>	
Importance Code A	\$304,300	
<b>Total</b>	<b>\$304,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$12,000			
<b>Total</b>	<b>\$12,000</b>			
Importance Code A	\$12,000			
<b>Total</b>	<b>\$12,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PIER AT PRINCESS BAY MARINA CLUB HOUSE**

**Asset # : 13652**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck								
Concrete	10%	Now	\$12,000	LIFE	**	5	\$400	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Undermining At East Side Of Building</i>								
Timber	20%	Now	\$37,200	LIFE	**	5	\$1,700	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Pier Deck</i>								
Not Accessible	70%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Covered By Clubhouse.</i>								
Pile Caps								
Timber	100%	Now	\$103,800	LIFE	**	4	\$15,700	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Isolated Throughout. Non-engineered Structure</i>								
<i>Explanation : Rotting, Splitting And Displaced Components.</i>								
Piles and Bracing								
Timber	100%	Now	\$163,300	LIFE	**	4-5	\$9,000	1
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Isolated Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Isolated Throughout. Non-engineered Structure</i>								
<i>Explanation : Rotting, Splitting And Displaced Components.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PILE SUPPORTED PLATFORM WEST HARLEM PIERS PARK  
**Address** : W 133RD ST TO W 134TH ST HUDSON RIVER ABOVE ASSET 13495  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0235.010 / 14120 **Yr Built/Renovated** : 2007 /  
**Area Sq Ft** : 2,240 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2005 **Lot** : 24 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Piers	\$113,500	
<b>Total</b>	<b>\$113,500</b>	
Importance Code A	\$113,500	
<b>Total</b>	<b>\$113,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers			\$1,200	
<b>Total</b>			<b>\$1,200</b>	
Importance Code A				
Importance Code C			\$1,200	
<b>Total</b>			<b>\$1,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PILE SUPPORTED PLATFORM WEST HARLEM PIERS PARK**  
**Asset # : 14120**

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	\$2,100
	Not Accessible	50%						
Deck Surface								
	Asphalt	100%			2037	**	5	\$2,500
Pile Caps								
	Concrete	100%			LIFE	**	5	\$200
Piles and Bracing								
	Steel	100%	4+	\$113,500	LIFE	**	5	\$34,400
<i>Corrosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Exposed Pile Height</i>								
Deck Elements								
Railing								
	Steel	100%			2026			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated At Connections</i>								
Electrical								
Lighting Fixture								
	Incandescent	100%			2022			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QUEENSBRIDGE PARK CONCRETE PIER  
**Address** : EAST RIVER, EAST CHANNEL NORTH END OF PARK @ 41ST AVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ104.010 / 14753 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,125 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 477 **Lot** : 70 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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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.

**DEPT. OF PARKS & RECREATION - 846**  
**QUEENSBRIDGE PARK CONCRETE PIER**

**Asset # : 14753**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
<b>Structural</b>								
<b>Deck</b>								
	Concrete	60%			LIFE	**	5	\$4,600
	Not Accessible	40%						
<b>Pile Caps</b>								
	Concrete	25%			LIFE	**	5	\$100
			<i>Cracking, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Offshore Faces Of Pile Caps</i>					
	Not Accessible	75%						
<b>Piles and Bracing</b>								
	Steel	50%			LIFE	**	5	\$31,700
			<i>Missing Coating, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Isolated</i>					
	Not Accessible	50%						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	100%			2025			
<b>Coping/Curb</b>								
	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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK OVERLOOK PIER  
**Address** : WEST 67TH ST TO WEST 68TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DCAS008.000 / 14117 **Yr Built/Renovated** : 2008 /  
**Area Sq Ft** : 1,998 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers		\$36,300
<b>Total</b>		<b>\$36,300</b>
Importance Code A		\$36,300
<b>Total</b>		<b>\$36,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK OVERLOOK PIER**  
**Asset # : 14117**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
<b>Deck</b>								
	Timber	100%			LIFE	**	5	\$8,400
	Pile Caps							
	Steel	100%			2029	\$36,300	5	\$16,400
				<i>Rusted Steel Surface, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
	Piles and Bracing							
	Concrete	50%			LIFE	**	5	\$3,200
	Not Accessible	50%						
<b>Deck Elements</b>								
	Railing							
	Aluminum	100%			2026			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK SOUTH - PIER I  
**Address** : WESTSIDE HWY @ W70TH STREET HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.320 / 14870 **Yr Built/Renovated** : 2001 /  
**Area Sq Ft** : 36,300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Nov-2016 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 130 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$617,100	\$333,100
<b>Total</b>	<b>\$617,100</b>	<b>\$333,100</b>
Importance Code A	\$451,400	\$167,400
Importance Code C	\$165,700	\$165,700
<b>Total</b>	<b>\$617,100</b>	<b>\$333,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers		\$2,500		
<b>Total</b>		<b>\$2,500</b>		
Importance Code A				
Importance Code C		\$2,500		
<b>Total</b>		<b>\$2,500</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK SOUTH - PIER I**  
**Asset # : 14870**

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	\$33,800
	Not Accessible	50%						
Deck Surface								
	Brick Pavers	80%			2041	**	5	\$331,400
	Concrete	20%			2041	**	5	\$5,000
Pile Caps								
	Concrete	100%			LIFE	**	5	\$2,400
				<i>Cracking, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Isolated</i>				
Piles and Bracing								
	Steel	30%	4+	\$451,400	LIFE	**	5	\$167,400
				<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout Splash Zone</i>				
				<i>Missing Coating, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout Splash Zone</i>				
	Not Accessible	70%						
Deck Elements								
Railing								
	Aluminum	100%			2027			
Electrical								
Lighting Fixture								
	Incandescent	100%			2023			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SHEEPSHEAD BAY MARINA PIERS PIER 1 - 10  
**Address** : E 27TH ST TO E 21ST ST ALONG EMMONS AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0132.000 / 13499 **Yr Built/Renovated** :  
**Area Sq Ft** : 39,598 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8813 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$511,500	\$4,282,300
<b>Total</b>	<b>\$511,500</b>	<b>\$4,282,300</b>
Importance Code A	\$118,600	\$119,500
Importance Code B	\$195,000	\$4,162,800
Importance Code C	\$197,900	
<b>Total</b>	<b>\$511,500</b>	<b>\$4,282,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$187,800	\$5,400		
<b>Total</b>	<b>\$187,800</b>	<b>\$5,400</b>		
Importance Code A	\$44,900			
Importance Code B	\$142,800			
Importance Code C		\$5,400		
<b>Total</b>	<b>\$187,800</b>	<b>\$5,400</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SHEEPSHEAD BAY MARINA PIERS PIER 1 - 10**

**Asset # : 13499**

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								
	Composite	5%	Now	\$94,900	2057	**		
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Broken Or Missing Boat Landing Platforms, Stair Treads, Railing</i>						
	Composite	5%	2-4	\$23,700	2037	**		
		<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Deteriorated Fiberglass Railing</i>						
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Explanation : Loose Stair Treads</i>						
	Concrete	59%			LIFE	**	5	\$43,500
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : At Underside Of Deck, Isolated Throughout</i>						
	Concrete	1%	4+	\$23,700	LIFE	**	5	\$700
		<i>Spalling, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : At Piers 5, 7 And 8</i>						
	Not Accessible	30%						
Deck Surface								
	Asphalt Pavers	5%			2036	**		
	Concrete	55%	Now	\$197,900	2042	**	5	\$7,500
		<i>Worn, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
	Concrete	40%			2036	**	5	\$10,800
		<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
Pile Caps								
	Concrete	80%			LIFE	**	5	\$2,100
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Shallow Spalls Isolated Throughout</i>						
	Not Accessible	20%						
Piles and Bracing								
	Concrete	58%			LIFE	**	5	\$72,700
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Above Mean Low Water, Isolated Throughout</i>						
	Concrete	2%	Now	\$21,200	LIFE	**	5	\$2,500
		<i>Exposed Reinforcement, Extent : Severe, Area Affected : 2%</i>						
		<i>Location : One Location At Pier 1 With Large Void At Pile Splice</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : One Location At Pier 6 With Exposed And Corroded Strands</i>						
	Not Accessible	40%						
Fender								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SHEEPSHEAD BAY MARINA PIERS PIER 1 - 10**

**Asset # : 13499**

Piers		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Fender									
Buffer									
Rubber	100%			2036	**	4-5	\$120,700		
<i>Aging, Extent : Light, Area Affected : 10%</i>									
<i>Location : Surface Corrosion On Tension Chains</i>									
<i>Missing Part, Extent : Light, Area Affected : 2%</i>									
<i>Location : Missing Tension Chains At Piers 3, 8 And 10</i>									
Wales and Chocks									
Timber	95%			2036	**	4	\$311,700		
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>									
<i>Location : Isolated Throughout</i>									
Timber	5%	0-2	\$36,600	2042	**	4	\$10,900		
<i>Broken, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Isolated Areas On Pier 1, 2, 3, 7, 8, 9, And 10</i>									
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Isolated Throughout</i>									
Piles									
Timber	39%			2036	**	4	\$59,100		
<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>									
<i>Location : Above Mean Low Water Elevation, Throughout</i>									
<i>Worn, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Timber	4%	Now	\$58,000	2036	**	4	\$4,000		
<i>Missing Pile, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Approximately One Pile Per Pier</i>									
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Isolated Throughout Piers 1 - 10</i>									
Timber	9%	4+	\$52,200	2036	**	4	\$9,100		
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Isolated Throughout Piers 1 - 10</i>									
Timber	18%	Now	\$10,400	2036	**	4	\$18,200		
<i>Missing Part, Extent : Light, Area Affected : 2%</i>									
<i>Location : Fender Pile Caps - Isolated Throughout</i>									
Not Accessible	30%								
Deck Elements									
Railing									
Steel	99%			2025			\$4,083,800		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout Piers 1 - 10</i>									
Steel	1%	Now	\$4,100	2025			\$41,300		
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Approximately 15 Ft At Pier 5 And 5 Ft At Pier 8</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SNUG HARBOR PIER  
**Address** : EAST OF EASTERN ENTRANCE TO SNUG HARBOR RD.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0131.000 / 13498 **Yr Built/Renovated** :  
**Area Sq Ft** : 300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 75 **Lot** : 1 **BIN** :

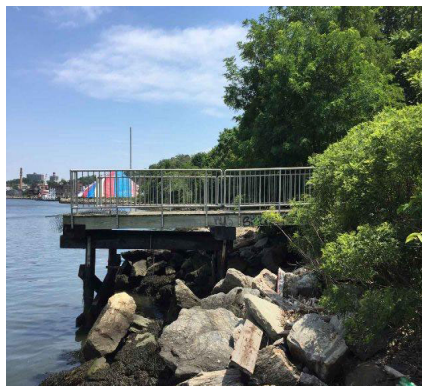
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers	\$600			
<b>Total</b>	<b>\$600</b>			
Importance Code A	\$600			
<b>Total</b>	<b>\$600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SNUG HARBOR PIER**  
**Asset # : 13498**

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								
	Timber	98%			LIFE	**	5	\$1,200
<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Deck Planks</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : On Outer Deck Stringers</i>								
<i>Explanation : Surface Wearing</i>								
	Timber	2%	Now	\$600	LIFE	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Offshore End Of Pier</i>								
<i>Explanation : Missing And Loose Timber Deck Planks</i>								
Pile Caps								
	Timber	100%			LIFE	**	4	\$2,400
Piles and Bracing								
	Timber	100%			LIFE	**	4-5	\$1,300
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : On Hardware At Cross Braces And Piles</i>								
<i>Explanation : Corrosion</i>								
Deck Elements								
	Railing Steel	100%			2026			
<i>Missing Part, Extent : Light, Area Affected : 1%</i>								
<i>Location : One Baluster Along East Face Of Pier</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : STEEPLECHASE PIER @ CONEY IS. BEACH AND BOARDWALK  
**Address** : W 17TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0111.G97 / 4152 **Yr Built/Renovated** : 1992 / 2013  
**Area Sq Ft** : 35,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 7065 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers		\$65,700
<b>Total</b>		<b>\$65,700</b>
Importance Code A		\$65,700
<b>Total</b>		<b>\$65,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$32,000			
<b>Total</b>	<b>\$32,000</b>			
Importance Code A	\$32,000			
<b>Total</b>	<b>\$32,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**STEEPLECHASE PIER @ CONEY IS. BEACH AND BOARDWALK**  
**Asset # : 4152**

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								
	Composite	50%			2052	**		
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
	Concrete	25%			LIFE	**	5	\$16,700
	Not Accessible	25%						
Pile Caps								
	Concrete	60%			LIFE	**	5	\$1,400
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Throughout</i>						
	Not Accessible	40%						
Piles and Bracing								
	Concrete	57%			LIFE	**	5	\$64,600
		<i>Erosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Above Mlw Elevation</i>						
	Concrete	1%	2-4	\$32,000	LIFE	**	5	\$1,100
		<i>Cracking, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Horizontal Cracking Near Top Of Several Piles On Eastern Tee</i>						
	Steel	2%			LIFE	**	5	\$11,000
		<i>Corrosion, Extent : Moderate, Area Affected : 1%</i>						
		<i>Location : Steel Cross Bracing</i>						
	Not Accessible	40%						
Deck Elements								
Railing								
	Aluminum	100%			2024			
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Eastern (Windward) Railing North And South Of Tee</i>						
		<i>Explanation : Vibration Due To Wind</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : TIFFANY ST. PIER  
**Address** : FOOT OF TIFFANY ST AND VIELE AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0184.000 / 13873 **Yr Built/Renovated** :  
**Area Sq Ft** : 10,140 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$517,500	
<b>Total</b>	<b>\$517,500</b>	
Importance Code A	\$517,500	
<b>Total</b>	<b>\$517,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$8,600			
<b>Total</b>	<b>\$8,600</b>			
Importance Code A	\$8,600			
<b>Total</b>	<b>\$8,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



## DEPT. OF PARKS &amp; RECREATION - 846

## TIFFANY ST. PIER

Asset # : 13873

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									
	Composite	50%			2046		**		
<i>Deflection, Extent : Severe, Area Affected : 2%</i>									
<i>Location : Two Boards Deflected Above Adjacent Deck Planks</i>									
<i>Other Observation, Extent : Light, Area Affected : 25%</i>									
<i>Location : Throughout (Wear)</i>									
<i>Explanation : Surface Wear</i>									
	Not Accessible	50%							
Pile Caps									
	Composite	45%			2046		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout And At West Side</i>									
<i>Explanation : Deformation And Deflection</i>									
	Concrete	20%			LIFE		**	5	\$100
<i>Spalling, Extent : Light, Area Affected : 2%</i>									
<i>Location : Throughout (East Side)</i>									
	Concrete	5%	4+	\$8,600	LIFE		**	5	
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : East Side Bents 2, 18, 21, And 27</i>									
	Not Accessible	30%							
Piles and Bracing									
	Composite	30%	4+	\$310,500	2056		**		
<i>Cracking, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout Asset</i>									
<i>Explanation : Cracking At Piles With Steel Pipe Repairs</i>									
	Composite	15%			2036		**		
	Composite	20%	Now	\$207,000	2056		**		
<i>Broken, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout Pier</i>									
<i>Cracking, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Longitudinal And Circumferential Cracks Throughout</i>									
	Not Accessible	35%							
Deck Elements									
	Railing								
	Fiberglass	100%			2027				
<i>Deflection, Extent : Light, Area Affected : 50%</i>									
<i>Location : North Fork</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : TIMBER PILE SUPPORTED PIER  
**Address** : AT CONFERENCE HOUSE PARK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0198.000 / 13940 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 7857 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Piers	\$201,300	\$349,600
<b>Total</b>	<b>\$201,300</b>	<b>\$349,600</b>
Importance Code A	\$201,300	
Importance Code B		\$349,600
<b>Total</b>	<b>\$201,300</b>	<b>\$349,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Piers	\$66,600	\$9,900		
<b>Total</b>	<b>\$66,600</b>	<b>\$9,900</b>		
Importance Code A	\$21,800			
Importance Code B	\$44,800	\$9,900		
<b>Total</b>	<b>\$66,600</b>	<b>\$9,900</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**TIMBER PILE SUPPORTED PIER**  
**Asset # : 13940**

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							
	Composite	40%	Now	\$201,300	2056		**	
				<i>Broken, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Along Offshore And Inshore Edge</i>				
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Along Offshore And Inshore Edge Of Pier</i>				
				<i>Explanation : Detached From Stringers And Pile Caps</i>				
	Timber	60%			LIFE	**	5	\$10,600
	Pile Caps							
	Timber	90%			LIFE	**	4	\$29,700
	Timber	10%	Now	\$21,800	LIFE	**	4	\$3,300
				<i>Rotting/Splitting, Extent : Light, Area Affected : 5%</i>				
				<i>Location : End Rot At Offshore Ends Of Pile Caps</i>				
	Piles and Bracing							
	Timber	100%			LIFE	**	4-5	\$18,800
Deck Elements	Railing							
	Steel	85%	Now	\$35,000	2026	\$349,600		
				<i>Missing Part, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
	Timber	15%	Now	\$9,900	2021	\$9,900		
				<i>Missing Part, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : TWO PILE SUPPORTED ACCESS PIERS  
**Address** : SO OF PS 5 AND NO OF ASSET 13809 SWINDLERS COVE HARLEM RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0182.010 / 14725 **Yr Built/Renovated** :  
**Area Sq Ft** : 254 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers			\$1,100	
<b>Total</b>			<b>\$1,100</b>	
Importance Code A			\$1,100	
<b>Total</b>			<b>\$1,100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**TWO PILE SUPPORTED ACCESS PIERS**  
**Asset # : 14725**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural	Deck							
	Steel	100%		2032	**	5	\$2,100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stainless Steel Grating And Galvanized Floor Beams</i>					
	Pile Caps							
	Concrete	100%		LIFE	**	5		
	Piles and Bracing							
	Concrete	100%		LIFE	**	5	\$800	
Deck Elements	Railing							
	Steel	100%		2027				
			<i>Missing Connections, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Pier Missing Anchor Nut Southwest Corner Of Bridge Pier</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : WEST HARLEM PIERS NORTH & SOUTH WEST HARLEM PIER PARK  
 Address : WEST 125 AND WEST 133 STS AND HUDSON RIVER  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0235.030 / 14350 Yr Built/Renovated : 2008 /  
 Area Sq Ft : 17,640 Project Type : PARKS AND RECREATION  
 Date of Survey : 23-Sep-2016 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 2004 Lot : 56 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Piers	\$715,300	\$203,400
<b>Total</b>	<b>\$715,300</b>	<b>\$203,400</b>
Importance Code A	\$670,500	\$203,400
Importance Code C	\$44,800	
<b>Total</b>	<b>\$715,300</b>	<b>\$203,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Piers	\$22,700	\$26,800		
<b>Total</b>	<b>\$22,700</b>	<b>\$26,800</b>		
Importance Code A				
Importance Code B	\$12,600	\$25,500		
Importance Code C	\$10,100	\$1,200		
<b>Total</b>	<b>\$22,700</b>	<b>\$26,800</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST HARLEM PIERS NORTH & SOUTH WEST HARLEM PIER PARK**  
**Asset # : 14350**

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	\$16,400	
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated Shrinkage Cracks</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated Throughout Deck Soffit</i>						
Not Accessible	50%							
Deck Surface								
Asphalt Pavers	80%			2037	**			
Concrete	20%			2041	**	5	\$2,400	
Pile Caps								
Concrete	100%			LIFE	**	5	\$1,200	
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated Shrinkage Cracking Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Isolated Throughout</i>						
Piles and Bracing								
Steel	75%	4+	\$670,500	LIFE	**	5	\$203,400	
		<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : In Tidal Zone</i>						
		<i>Missing Coating, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Tidal And Splash Zones</i>						
Not Accessible	25%							
Fender								
Buffer								
Rubber	20%			2041	**	4-5	\$10,500	
No Component	80%							
Wales and Chocks								
Timber	40%			2041	**	4	\$57,000	
No Component	60%							
Piles								
Timber	9%			2041	**	4	\$5,900	
Timber	1%	Now	\$12,600	2043	**	4	\$400	
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Isolated On South Pier</i>						
No Component	60%							
Not Accessible	30%							
Pile Cluster								
Timber	23%			2032	**	4-10	\$54,800	
Timber	1%	Now	\$6,700	2033	**	4	\$300	
		<i>Broken, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Single Broken Pile At Southwest Corner Cluster</i>						
No Component	66%							
Not Accessible	10%							

## 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.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST HARLEM PIERS NORTH & SOUTH WEST HARLEM PIER PARK**  
**Asset # : 14350**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Deck Elements								
	Railing							
	Steel	100%			2027			
Electrical								
	Lighting Fixture							
	Sodium	100%			2022			
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Single Lightpole On South Pier</i>					
			<i>Explanation : Broken Access Cover</i>					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ALICE AUSTEN PARK REVETMENT  
**Address** : FROM CLIFTON AVE TO SOUTH SIDE OF MARYLAND AVE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0204.000 / 13948 **Yr Built/Renovated** :  
**Linear Ft** : 858 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Jan-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2830 **Lot** : 49 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$620,100	
<b>Total</b>	<b>\$620,100</b>	
Importance Code B	\$504,100	
Importance Code C	\$116,000	
<b>Total</b>	<b>\$620,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$24,500	\$9,800	\$2,400	
<b>Total</b>	<b>\$24,500</b>	<b>\$9,800</b>	<b>\$2,400</b>	
Importance Code B	\$24,500	\$9,800	\$2,400	
Importance Code C				
<b>Total</b>	<b>\$24,500</b>	<b>\$9,800</b>	<b>\$2,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ALICE AUSTEN PARK REVETMENT**  
**Asset # : 13948**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	70%			LIFE	**	5	\$3,600	
Stone	30%	4+	\$116,000	LIFE	**	5	\$1,500	
<i>Erosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Areas Of Insufficient Stone At Backfill Surface Loss</i>								
<hr/>								
<b>Backfill</b>								
Fill								
Sand	10%	Now	\$19,800	2056	**	5	\$100	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : South Of Alice Austen House</i>								
<hr/>								
Not Accessible								
90%								
<hr/>								
<b>Surface</b>								
Asphalt Pavers	50%			2022	\$450,100	5	\$4,900	
Asphalt Pavers	20%	Now	\$54,000	2041	**	5	\$1,000	
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Mostly South Of Buono Memorial Totaling 175 Linear Feet</i>								
<i>Explanation : Missing Pavers</i>								
<hr/>								
Topsoil	20%			2021	\$9,400	5	\$800	
Topsoil	10%	Now	\$4,700	2026	\$4,700	5	\$200	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : South Of Alice Austen House</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA HOUSES PROMENADE CONCRETE GRAVITY WALL  
**Address** : EAST RIVER, EAST CHANNEL NORTH SHORE OF HALLETS COVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ226.000 / 707 **Yr Built/Renovated** :  
**Linear Ft** : 1,831 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 490 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$5,454,500	\$1,789,000
<b>Total</b>	<b>\$5,454,500</b>	<b>\$1,789,000</b>
Importance Code A	\$5,096,100	
Importance Code B	\$358,400	\$1,789,000
<b>Total</b>	<b>\$5,454,500</b>	<b>\$1,789,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$14,300			\$8,800
<b>Total</b>	<b>\$14,300</b>			<b>\$8,800</b>
Importance Code A	\$3,300			
Importance Code B				\$8,800
Importance Code C	\$11,000			
<b>Total</b>	<b>\$14,300</b>			<b>\$8,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA HOUSES PROMENADE CONCRETE GRAVITY WALL**  
**Asset # : 707**

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
<b>Structural</b>								
	Gravity Wall							
	Concrete	45%			LIFE	**	5-10	\$6,700
		<i>Cracking, Extent : Light, Area Affected : 2%</i> <i>Location : First 850 Feet Of Asset With Survey Start Location At East, Adjacent To Vernon Blvd</i>						
		<i>Erosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : At Joints In Tidal Zone, First 850 Feet Of Wall</i>						
	Concrete	53%	4+	\$4,794,600	LIFE	**	5	\$3,900
		<i>Cracking, Extent : Severe, Area Affected : 100%</i> <i>Location : From 1028 Feet To 1130 Feet From East</i>						
		<i>Erosion, Extent : Moderate, Area Affected : 50%</i> <i>Location : At Joints And Face, From Mean Low Water To Top Of Wall, From 850 Feet West Of Asset Start Location To 1831 Feet West Of Start Locations</i>						
		<i>Exposed Reinforcement, Extent : Severe, Area Affected : 50%</i> <i>Location : In Areas Of Erosion Located Between 850 Feet And 1831 Feet West Of Asset Start Location</i>						
	Concrete	2%	0-2	\$301,500	LIFE	**	5	\$100
		<i>Settlement, Extent : Severe, Area Affected : 100%</i> <i>Location : Settlement / Movement And Fill Loss At Joint Locations 196 Feet - 262 Feet, 1071 Feet, And 1089 Feet West Of Asset Start Location</i>						
	Revetment							
	Stone	100%			LIFE	**	5	\$21,900
		<i>Missing Part, Extent : Light, Area Affected : 5%</i> <i>Location : At Start Of Asset And 226 Feet West Of Start Location</i>						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Concrete	84%			2038	**	5	\$17,600
		<i>Cracking, Extent : Light, Area Affected : 10%</i> <i>Location : Isolated Throughout</i>						
	Concrete	15%	4+	\$101,200	2044	**	5	\$1,600
		<i>Cracking, Extent : Moderate, Area Affected : 5%</i> <i>Location : Between 70 Feet And 270 Feet West Of Asset Start Location And Isolated Throughout</i>						
	Concrete	1%	Now	\$6,700	2044	**	5	\$100
		<i>Broken, Extent : Severe, Area Affected : 75%</i> <i>Location : Broken Sidewalk W/fill Loss At 1660 Feet From East End</i>						
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA HOUSES PROMENADE CONCRETE GRAVITY WALL**

**Asset # : 707**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Railing							
	Steel	45%			2027	\$805,000		
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated From Asset Start Location To 800 Feet West Of Start</i>						
	Steel	10%	4+	\$8,900	2027	\$178,900		
		<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : 800 Feet To 1028 Feet West Of Asset Start Location</i>						
	Steel	25%	2-4	\$134,200	2029	\$447,200		
		<i>Corrosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : 1028 Feet To 1831 Feet From The Asset Start Location</i>						
	Steel	20%	Now	\$107,300	2029	\$357,800		
		<i>Broken, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Intermittent From 1500 Feet To 1831 Feet West Of Asset Start Location</i>						
		<i>Corrosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : 1500 Feet To 1831 Feet West Of Asset Start Location</i>						
<b>Electrical</b>								
	Lighting Fixture							
	Sodium	100%			2023			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA PARK GRAVITY WALL / REVETMENT  
**Address** : HELLGATE ALONG SHORE BLVD BET ASTORIA PK SOUTH/DITMARS BLV  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ004.001 / 755 **Yr Built/Renovated** :  
**Linear Ft** : 3,080 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Dec-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 898 **Lot** : 37 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$3,421,400	\$2,979,200
<b>Total</b>	<b>\$3,421,400</b>	<b>\$2,979,200</b>
Importance Code A	\$1,686,600	
Importance Code B		\$2,979,200
Importance Code C	\$1,734,800	
<b>Total</b>	<b>\$3,421,400</b>	<b>\$2,979,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$52,800			\$16,900
<b>Total</b>	<b>\$52,800</b>			<b>\$16,900</b>
Importance Code A				
Importance Code B	\$52,800			\$16,900
Importance Code C				
<b>Total</b>	<b>\$52,800</b>			<b>\$16,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK GRAVITY WALL / REVETMENT**

**Asset # : 755**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	97%	4+	\$1,230,100	LIFE	**	5	\$12,100
		<i>Cracking, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout Face Of Gravity Wall</i>						
		<i>Explanation : Chemical Deterioration</i>						
	Concrete	3%	0-2	\$456,500	LIFE	**	5	\$400
		<i>Erosion, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : In Face Of Gravity Wall Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : 2,400 Feet And 1,000 Feet From South</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : At Top Of Wall Isolated Throughout</i>						
		<i>Explanation : Chemical Deterioration</i>						
<b>Revetment</b>								
	Stone	68%	4+	\$1,572,900	LIFE	**	5	\$12,500
		<i>Missing Part, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Overburden Stone Required Between: 86 To 716 Feet; 872 To 1173 Feet; 1376 To 1755 Feet; 203 To 3080 Feet South Of Asset Start Location</i>						
	Stone	5%	2-4	\$115,700	LIFE	**	5	\$900
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Overburden Required Intermittently</i>						
	Stone	2%	Now	\$46,300	LIFE	**	5	\$400
		<i>Missing Part, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Overburden Stone Required At Failed Repair Locations (562 Feet And 609 Feet South Of Asset Start Location)</i>						
	No Component	25%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<b>Surface</b>								
	Concrete	95%			2038	**	5	\$33,400
	Concrete	2%	0-2	\$22,700	2044	**	5	\$400
		<i>Broken, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Edge Of Sidewalk Centered 2,400 Feet From North End</i>						
		<i>Settlement, Extent : Light, Area Affected : 50%</i>						
		<i>Location : 2,040 Feet From North End</i>						
	Topsoil	3%			2028	\$5,100	5	\$400
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : South End</i>						
		<i>Explanation : Natural Shoreline</i>						
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK GRAVITY WALL / REVETMENT**

**Asset # : 755**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Deck Elements								
Railing								
	Steel	98%			2027	\$2,949,100		
	Steel	1%	Now	\$30,100	2029	\$30,100		
<i>Buckling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 2,430 Feet And 300 Feet From South</i>								
<i>Corrosion, Extent : Severe, Area Affected : 33%</i>								
<i>Location : 1,780 Feet From South</i>								
<i>Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 1,755 Feet South Of Asset Start Location</i>								
	No Component	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.



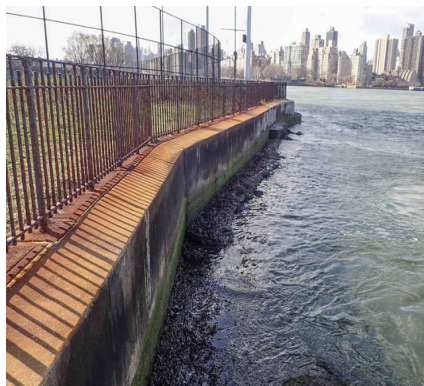
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA WHITEY FORD FIELD CONCRETE GRAVITY WALL  
**Address** : EAST RIVER, EAST CHANNEL 2ND ST AND 26 AVE.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ215.000 / 706 **Yr Built/Renovated** :  
**Linear Ft** : 648 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 913 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$880,400	\$668,800
<b>Total</b>	<b>\$880,400</b>	<b>\$668,800</b>
Importance Code A	\$880,400	
Importance Code B		\$668,800
<b>Total</b>	<b>\$880,400</b>	<b>\$668,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$40,600		\$1,400	
<b>Total</b>	<b>\$40,600</b>		<b>\$1,400</b>	
Importance Code A				
Importance Code B	\$40,600		\$1,400	
<b>Total</b>	<b>\$40,600</b>		<b>\$1,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA WHITEY FORD FIELD CONCRETE GRAVITY WALL**

**Asset # : 706**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	85%	4+	\$453,600	LIFE	**	5	\$2,200
		<i>Cracking, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Typical Throughout</i>						
		<i>Erosion, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Along Seaside Base</i>						
		<i>Tilting, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : From Asset Start Location At North, Extending South 76 Feet</i>						
	Concrete	10%	0-2	\$160,100	LIFE	**	5	\$300
		<i>Broken, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Broken Concrete Face 60 Feet From Southwest End</i>						
		<i>Spalling, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Isolated Spalls Throughout With The Largest Spalls Observed At 338 Feet, 360 Feet To 408 Feet, And 415 Feet From The North</i>						
	Concrete	5%	0-2	\$266,800	LIFE	**	5	\$100
		<i>Tilting, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Severe Tilting Throughout</i>						
<b>Backfill</b>								
	Fill							
	Topsoil	5%	Now	\$7,100	2069	**		
		<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At North End Of Asset. At The Terminus Of 26th Avenue</i>						
	Not Accessible	95%						
<b>Surface</b>								
	Topsoil	95%			2027	\$33,900	5	\$2,900
	Topsoil	5%	Now	\$1,800	2029	\$1,800	5	\$100
		<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At The Terminus Of 26th Avenue. At South End Of Asset And 3 Sinkholes Between 26 Feet And 45 Feet From The North End Of Asset.</i>						
<b>Deck Elements</b>								
	Railing							
	Steel	100%	4+	\$31,700	2027	\$633,100		
		<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : At Post Connections With Wall</i>						
		<i>Missing Coating, Extent : Light, Area Affected : 65%</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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : BATTERY PARK SEAWALL  
 Address : FROM MERCHANT MARINERS MEMORIAL SOUTH TO USCG FACILITY  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PARM005.000 / 900 Yr Built/Renovated :  
 Linear Ft : 1,590 Project Type : PARKS AND RECREATION  
 Date of Survey : 26-Sep-2016 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 3 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$1,619,100	\$776,800
<b>Total</b>	<b>\$1,619,100</b>	<b>\$776,800</b>
Importance Code A	\$687,000	
Importance Code B	\$932,100	\$776,800
<b>Total</b>	<b>\$1,619,100</b>	<b>\$776,800</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$69,500	\$16,800	\$1,100	\$1,000
<b>Total</b>	<b>\$69,500</b>	<b>\$16,800</b>	<b>\$1,100</b>	<b>\$1,000</b>
Importance Code B	\$52,800	\$16,800	\$1,100	\$1,000
Importance Code C	\$16,700			
<b>Total</b>	<b>\$69,500</b>	<b>\$16,800</b>	<b>\$1,100</b>	<b>\$1,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BATTERY PARK SEAWALL**  
**Asset # : 900**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top								
Concrete/Stone	99%	4+	\$666,800	LIFE		**		
	<i>Missing Block Seal, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Throughout In Tidal Zone</i>							
Concrete/Stone	1%	0-2	\$20,200	LIFE		**		
	<i>Displaced Elements, Extent : Light, Area Affected : 30%</i>							
	<i>Location : 140 Feet From Pier A And 430 Feet From Pier A In The Splash Zone</i>							
	<i>Spalling, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Lip Of Slip 5</i>							
Coping/Curb								
Concrete	85%			LIFE		**	5	\$1,300
	<i>Cracking, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Concrete	5%	Now	\$16,700	LIFE		**	5	\$100
	<i>Spalling, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout Especially In Areas Without Fenders</i>							
Stone	5%			LIFE		**	5	\$100
No Component	5%							
Piles and Bracing								
Not Accessible	100%							
Pile Caps								
Not Accessible	100%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
<b>Surface</b>								
Asphalt Pavers	12%			2037		**	5	\$2,200
Asphalt Pavers	3%	Now	\$15,000	2037		**	5	\$300
	<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : 1,160 Feet, 1,345 Feet, And 1,442 Feet From North End Of Asset Near Coast Guard Building</i>							
Stone	75%			2037		**	10	
Not Accessible	10%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : At Statue Cruises Shed</i>							
	<i>Explanation : Covered By Statue Cruises Shed</i>							
<b>Fender</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BATTERY PARK SEAWALL**  
**Asset # : 900**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Fender</b>								
<b>Piles</b>								
Timber	5%			2031	**	4	\$1,900	
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Typical Throughout</i>								
<i>Explanation : Corroded Wire Wraps</i>								
Timber	10%	Now	\$30,600	2043	**	4	\$3,800	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Ferry Slips Throughout</i>								
No Component	65%							
Not Accessible	20%							
<b>Wales and Chocks</b>								
Timber	39%			2037	**	4	\$50,500	
<i>Rotting/Splitting, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout At Ferry Slips</i>								
Timber	1%	Now	\$7,200	2043	**	4	\$900	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 800 Feet From Pier A</i>								
No Component	60%							
<b>Pile Cluster</b>								
Timber	50%			2026		4-10		
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : In The Splash Zone Of The Single Cluster At North End Of Asset</i>								
Not Accessible	50%							
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	50%			2023	\$776,800			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Loss And Rusting</i>								
Steel	50%	Now	\$155,400	2028	\$776,800			
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Internal Grating Elements 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BENSONHURST PARK / GRAVITY WALL AND REVETMENT  
**Address** : GRAVESEND BAY / SHORE PKWY / BAY PKWY TO EAST OF 20TH AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB007.000 / 4082 **Yr Built/Renovated** :  
**Linear Ft** : 1,169 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6490 **Lot** : 24 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads		\$1,247,500
<b>Total</b>		<b>\$1,247,500</b>
Importance Code A		\$105,400
Importance Code B		\$1,142,200
<b>Total</b>		<b>\$1,247,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$26,800	\$6,700		
<b>Total</b>	<b>\$26,800</b>	<b>\$6,700</b>		
Importance Code A	\$26,800			
Importance Code B		\$6,700		
Importance Code C				
<b>Total</b>	<b>\$26,800</b>	<b>\$6,700</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BENSONHURST PARK / GRAVITY WALL AND REVETMENT**

**Asset # : 4082**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
<b>Gravity Wall</b>								
	Conc w/Stone Face	98%			LIFE	**	5	\$103,200
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : In Topping Stone Isolated Throughout</i>						
		<i>Missing Block Seal, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Throughout Wall Above The Mlw Elevation</i>						
	Conc w/Stone Face	2%	Now	\$26,800	LIFE	**	5	\$2,100
		<i>Missing Part, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Missing Blocks At Station 7+12, From East</i>						
	<b>Revetment</b>							
	Stone	100%			LIFE	**	5	\$7,000
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	100%			2036	**	5	\$13,300
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Near West End</i>						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	100%			2025			\$1,142,200
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Missing Sealant At Railing Post Base</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

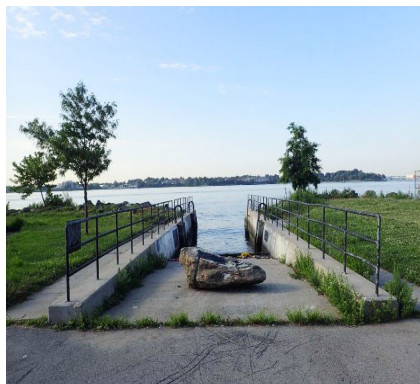
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **BOAT LAUNCH RAMP AT PUGSLEY CREEK PARK**  
**Address** : **PUGSLEY CREEK PARK**  
**Borough** : **BRONX** **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0157.004 / 14348** **Yr Built/Renovated** :  
**Linear Ft** : **180** **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **21-Jul-2017** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$101,900	\$240,100
<b>Total</b>	<b>\$101,900</b>	<b>\$240,100</b>
Importance Code B	\$38,500	\$240,100
Importance Code C	\$63,400	
<b>Total</b>	<b>\$101,900</b>	<b>\$240,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads		\$100	\$300	
<b>Total</b>		<b>\$100</b>	<b>\$300</b>	
Importance Code A				
Importance Code B		\$100	\$300	
<b>Total</b>		<b>\$100</b>	<b>\$300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**BOAT LAUNCH RAMP AT PUGSLEY CREEK PARK**

**Asset # : 14348**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Facing							
	Concrete	60%	4+	\$63,400	LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Ramp Slab On Grade With Cracking And Erosion</i>						
	Not Accessible	40%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Offshore End</i>						
		<i>Explanation : Not Accessible Due To Sediment Accumulation</i>						
	Sheet Piles							
	Concrete	45%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout Positioned In Tidal Zone</i>						
		<i>Explanation : Erosion.</i>						
	Not Accessible	55%						
	Pile Caps							
	Concrete	100%			LIFE	**	5	\$500
		<i>Cracking, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Erosion, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Typical Throughout In Cap Soffit</i>						
		<i>Spalling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Throughout</i>						
	Backfill							
	Fill							
	No Component	40%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : At South End Of Asset</i>						
		<i>Explanation : Riprap Behind Sheet Pile Wall Belongs To Asset 13703</i>						
	Not Accessible	60%						
	Surface							
	Concrete	30%			2037	**	5	\$600
	Topsoil	30%			2026	\$3,000	5	\$300
	No Component	40%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : At Southern End Of Asset</i>						
		<i>Explanation : Riprap Belongs To Asset 13703</i>						
	Fender							
	Buffer							
	Timber	100%	Now	\$38,500	2028	\$64,200	5	\$900
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Severe Rot And Three Missing Timber Blocks</i>						
	Deck Elements							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BOAT LAUNCH RAMP AT PUGSLEY CREEK PARK**

**Asset # : 14348**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

Deck Elements

Railing

Steel

100%

2027

\$175,900

*Missing Coating, Extent : Moderate, Area Affected : 75%*

*Location : Throughout Length Of Railing*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD FORMER WESTSIDE RAIL YARD  
**Address** : W 59TH TO W 70TH STS NS 59ST MTS TO NS PIER I  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGS0046.000 / 13501 **Yr Built/Renovated** :  
**Linear Ft** : 3,175 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$228,700	\$695,900
<b>Total</b>	<b>\$228,700</b>	<b>\$695,900</b>
Importance Code B	\$173,100	\$695,900
Importance Code C	\$55,600	
<b>Total</b>	<b>\$228,700</b>	<b>\$695,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$24,000	\$4,800		\$1,200
<b>Total</b>	<b>\$24,000</b>	<b>\$4,800</b>		<b>\$1,200</b>
Importance Code A	\$5,500			
Importance Code B	\$18,500	\$4,800		\$1,200
Importance Code C				
<b>Total</b>	<b>\$24,000</b>	<b>\$4,800</b>		<b>\$1,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD FORMER WESTSIDE RAIL YARD**  
**Asset # : 13501**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Relieving Platform Top Timber	2%	2-4	\$5,500	LIFE	**	4-5	\$2,100
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : In Timber Decking At Concrete Supported Walkway, 254 Feet To 319 Feet From South End Of Asset</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Throughout Timber Walkway Decking</i>						
		<i>Explanation : Protruding Hardware</i>						
	No Component	98%						
	Coping/Curb Concrete	5%	Now	\$55,600	LIFE	**	5	\$100
		<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : From North Side Of Kayak Ramp At 59th Street To 254 Feet From South End Of Asset, Adjacent To Settlement In Asphalt Pavers</i>						
	Concrete	5%			LIFE	**	5	\$100
	No Component	90%						
	Gravity Wall Concrete	40%			LIFE	**	5	\$5,100
		<i>Settlement, Extent : Light, Area Affected : 10%</i>						
		<i>Location : At Pedestrian Access Area 575 Feet From South End Of Asset</i>						
	No Component	60%						
	Piles and Bracing Concrete	2%			LIFE	**	5	\$400
	No Component	98%						
	Revetment Stone	80%			LIFE	**	5	\$15,200
		<i>Missing Part, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Adjacent To Kayak Ramp At 59th Street</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Toe Of Revetment Over Entire Length</i>						
		<i>Explanation : Revetment Is Held Back By Concrete Beams Supported On Remnants Of Old Timber Relieving Platform</i>						
	No Component	20%						
<b>Backfill</b>								
	Fill Topsoil	5%	Now	\$17,400	2056	**		
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : North Of 59th Street, Up To 3 Feet Wide</i>						
	Not Accessible	95%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD FORMER WESTSIDE RAIL YARD**  
**Asset # : 13501**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Backfill</b>								
<b>Surface</b>								
Asphalt Pavers	5%	Now	\$50,000	2037	**	5	\$900	
<i>Settlement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : 125 Feet Long Section North Of 59th Street; Up To 3 Feet Wide</i>								
Brick Pavers	13%	4+	\$114,300	2044	**	5	\$2,400	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Offshore Edge</i>								
<i>Explanation : Settlement</i>								
Brick Pavers	1%	Now	\$8,800	2044	**	5	\$200	
<i>Sinkhole, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At 697 Feet And 815 Feet From South End Of Asset</i>								
Brick Pavers	6%			2044	**	5	\$2,200	
Cobblestone	5%			2048	**	5	\$2,400	
Stone	5%			2037	**	10		
Topsoil	64%			2026	\$111,800	5	\$9,500	
Topsoil	1%	Now	\$1,000	2026	\$1,700	5	\$100	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Sinkhole Between Gravity Wall Segments At 66th Street</i>								
<b>Deck Elements</b>								
<b>Railing</b>								
Aluminum	25%			2026	\$296,300			
No Component	75%							
<b>Parapet</b>								
Concrete	12%			2029	\$286,000			
No Component	88%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **BULKHEAD @HAMMONDS COVE**  
 Address : **HARDING AVE BETWEEN / LONGSTREET AND PRENTISS AVE**  
 Borough : **BRONX** Agency's Number : **N/A**  
 Program / Asset # : **PAR0156.001 / 13704** Yr Built/Renovated :  
 Linear Ft : **207** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **14-Mar-2013** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : **5521** Lot : **169** BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$989,900	
<b>Total</b>	<b>\$989,900</b>	
Importance Code A	\$989,900	
<b>Total</b>	<b>\$989,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$16,200			\$1,800
<b>Total</b>	<b>\$16,200</b>			<b>\$1,800</b>
Importance Code A				
Importance Code B	\$16,200			\$1,800
<b>Total</b>	<b>\$16,200</b>			<b>\$1,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD @HAMMONDS COVE**  
**Asset # : 13704**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Structural</b>									
<b>Sheet Piles</b>									
	Steel	35%	2-4	\$440,600	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
<i>Missing Coating, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
	Steel	5%	Now	\$62,900	LIFE	**			1
<i>Corrosion, Extent : Severe, Area Affected : 75%</i>									
<i>Location : Corrosion Holes Throughout Tidal Zone</i>									
	Timber	55%	0-2	\$445,800	LIFE	**	4	\$2,100	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 85%</i>									
<i>Location : Throughout In Tidal Zone</i>									
	Timber	5%	Now	\$40,500	LIFE	**	4	\$200	1
<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Isolated Throughout</i>									
<b>Backfill</b>									
<b>Fill</b>									
	Not Accessible	100%							
<b>Surface</b>									
	Asphalt	75%	2-4	\$14,300	2039	**	5	\$900	
<i>Settlement, Extent : Light, Area Affected : 10%</i>									
<i>Location : Small Sinkholes Along Bulkhead</i>									
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>									
<i>Location : Adjacent To Boat Lift</i>									
<i>Explanation : Sinkholes</i>									
	Asphalt	10%	Now	\$1,900	2039	**	5	\$100	
<i>Settlement, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Single Sinkhole Between Visible Concrete Slabs</i>									
	Topsoil	15%			2023	\$1,700	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD @HUD. RIVER YACHT CLUB  
**Address** : FOOT OF AVE U AND BERGEN AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0145.010 / 13644 **Yr Built/Renovated** :  
**Linear Ft** : 535 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8338 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$22,200	\$25,200	\$500	
<b>Total</b>	<b>\$22,200</b>	<b>\$25,200</b>	<b>\$500</b>	
Importance Code A		\$25,200		
Importance Code B	\$22,200		\$500	
Importance Code C				
<b>Total</b>	<b>\$22,200</b>	<b>\$25,200</b>	<b>\$500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD @HUD. RIVER YACHT CLUB**  
**Asset # : 13644**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Steel	50%			LIFE	**		
	No Component	50%						
	Piles and Bracing							
	Timber	63%			2037	**	4	\$75,700
	No Component	30%						
	Not Accessible	7%						
	Revetment							
	Stone	30%			LIFE	**	5	\$1,000
				<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>				
				<i>Location : West Of Clubhouse</i>				
	No Component	70%						
	Sheet Piles							
	Composite, 5' Water	50%			LIFE	**		
	Timber	20%			LIFE	**	4	\$2,000
	No Component	30%						
	Wales							
	Timber	70%			LIFE	**	4	\$5,600
	No Component	30%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Asphalt	45%	4+	\$22,200	2043	**	5	\$1,400
				<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Parking Lot Area Worn</i>				
	Concrete	3%			2037	**	5	\$200
	Topsoil	31%			2027	\$9,100	5	\$800
				<i>Erosion, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Along Top Of Riprap Revetment</i>				
	Not Accessible	21%						
				<i>Other Observation, Extent : Light, Area Affected : 0%</i>				
				<i>Location :</i>				
				<i>Explanation : At North Side And Covered By Deck In Front Of Clubhouse.</i>				
<b>Deck Elements</b>								
	Railing							
	Guard Rail	50%			LIFE	**		
	No Component	50%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD @MILL BASIN MARINA STEEL BULKHEAD  
**Address** : E. 69TH STREET AND AVE Y EAST MILL BASIN  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0158.010 / 13694 **Yr Built/Renovated** : 1985 / 2005  
**Linear Ft** : 102 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8470 **Lot** : 1350 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$67,200	
<b>Total</b>	<b>\$67,200</b>	
Importance Code A	\$67,200	
<b>Total</b>	<b>\$67,200</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$2,800	\$200		
<b>Total</b>	<b>\$2,800</b>	<b>\$200</b>		
Importance Code A				
Importance Code B	\$2,800	\$200		
<b>Total</b>	<b>\$2,800</b>	<b>\$200</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD @MILL BASIN MARINA STEEL BULKHEAD**  
**Asset # : 13694**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Sheet Piles								
Steel, 10' Water	100%	4+	\$67,200	LIFE	**	5	\$32,000	
			<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout Tidal And Splash Zone</i>					
			<i>Missing Connections, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : No Closure At South End, Fill Escaping</i>					
Pile Caps								
Steel	70%			2029	\$1,300	5	\$600	
			<i>Corrosion, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Isolated Throughout</i>					
No Component	30%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
<b>Surface</b>								
Asphalt	30%	Now	\$2,800	2043	**	5	\$200	
			<i>Settlement, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Along Sheet Piles</i>					
Asphalt	30%			2031	**	5	\$400	
Gravel	30%			2037	**	2-5	\$100	
			<i>Settlement, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South Corner</i>					
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD 1 @PRINCESS BAY MARINA  
**Address** : FROM CREEK MOUTH TO WEST SIDE OF CLUBHOUSE WAVE SCREEN  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0153.010 / 13654 **Yr Built/Renovated** :  
**Linear Ft** : 250 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$133,200	\$97,700
<b>Total</b>	<b>\$133,200</b>	<b>\$97,700</b>
Importance Code A	\$133,200	
Importance Code B		\$97,700
<b>Total</b>	<b>\$133,200</b>	<b>\$97,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$9,800			\$500
<b>Total</b>	<b>\$9,800</b>			<b>\$500</b>
Importance Code A	\$2,900			
Importance Code B	\$6,900			\$500
<b>Total</b>	<b>\$9,800</b>			<b>\$500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD 1 @PRINCESS BAY MARINA**  
**Asset # : 13654**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Piles and Bracing								
Timber	60%	4+	\$45,100	2038	**	4	\$22,500	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	40%							
<b>Sheet Piles</b>								
Composite, 5' Water	40%			LIFE	**	10		
Timber	45%			LIFE	**	4	\$3,200	
Timber	15%	Now	\$88,100	LIFE	**	4	\$700	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Along Of Club House Pier</i>								
<b>Wales</b>								
Timber	100%			LIFE	**	4	\$5,600	
<b>Backfill</b>								
Fill								
Topsoil	10%	Now	\$5,500	2069	**			
<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 95 Feet From West End</i>								
Not Accessible	90%							
<b>Surface</b>								
Topsoil	5%	Now	\$700	2029	\$700	5		
<i>Settlement, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Sinkhole 95 Feet From West</i>								
Topsoil	80%			2028	\$11,000	5	\$900	
No Component	15%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Beneath Club House Pier</i>								
<b>Fender</b>								
Pile Cluster								
Timber	100%			2030	**	4-10		
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Tidal Zone</i>								
<i>Explanation : Cable Wrap Corrosion</i>								
<b>Deck Elements</b>								
Railing								
Fencing	40%			2030	**	3		
Fencing	5%	2-4	\$700	2034	**	3		
<i>Displaced Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Two Posts 125 Feet From West</i>								
Steel	40%			2027	\$97,700			
<i>Rusted Steel Surface, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
No Component	15%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

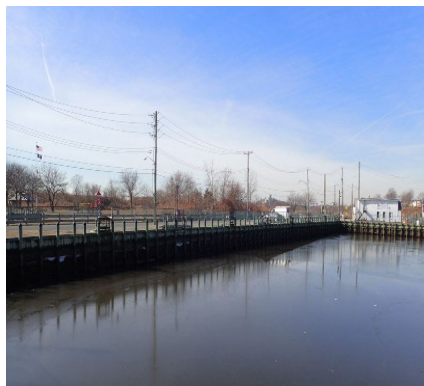
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD 2 @PRINCESS BAY MARINA  
**Address** : EAST SIDE OF BOAT LAUNCH EAST TO SOUTH BRIDGE ABUTMENT  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0153.020 / 13655 **Yr Built/Renovated** :  
**Linear Ft** : 625 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$244,800	
<b>Total</b>	<b>\$244,800</b>	
Importance Code A	\$244,800	
<b>Total</b>	<b>\$244,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$26,500	\$100	\$43,400	
<b>Total</b>	<b>\$26,500</b>	<b>\$100</b>	<b>\$43,400</b>	
Importance Code A	\$9,400		\$42,100	
Importance Code B	\$17,200	\$100	\$1,300	
<b>Total</b>	<b>\$26,500</b>	<b>\$100</b>	<b>\$43,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD 2 @PRINCESS BAY MARINA**  
**Asset # : 13655**

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	
<b>Structural</b>								
Piles and Bracing								
Timber	90%			2038	**	4	\$84,200	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone</i>						
Not Accessible	10%							
<b>Sheet Piles</b>								
Timber	10%	0-2	\$244,800	LIFE	**	4	\$1,200	
		<i>Interlock Damage, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Area Immediately East Of Boat Ramp</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Adjacent To Bridge Abutment</i>						
		<i>Explanation : Sheet Pile Not Driven To Mudline</i>						
Timber	80%			LIFE	**	4	\$14,000	
Not Accessible	10%							
<b>Wales</b>								
Timber	100%			LIFE	**	4	\$14,000	
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	10%	Now	\$13,700	2069	**			
		<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : From 60 To 105 And At 110 115 133 And 587 To 620 Feet From West</i>						
Not Accessible	90%							
<b>Surface</b>								
Topsoil	90%			2027	\$30,900	5	\$2,600	
Topsoil	10%	Now	\$3,400	2029	\$3,400	5	\$100	
		<i>Sinkhole, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : From 60 To 105 And At 110 115 133 And 587 To 620 Feet From West</i>						
<b>Deck Elements</b>								
<b>Railing</b>								
Fencing	95%			2030	**	3	\$200	
No Component	5%							
<b>Electrical</b>								
<b>Lighting Fixture</b>								
Incandescent	100%			2023				
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 7 Fixtures</i>						
		<i>Explanation : Location</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **BULKHEAD 3 @PRINCESS BAY MARINA SHEET BULKHEAD AND REVETMENT**  
 Address : **FROM NORTH ABUTMENT OF BRIDGE TO NORTHERN END**  
 Borough : **STATEN ISLAND** Agency's Number : **N/A**  
 Program / Asset # : **PAR0153.030 / 13656** Yr Built/Renovated :  
 Linear Ft : **1,140** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **13-Feb-2018** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : **6694** Lot : **1** BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$1,042,100	
<b>Total</b>	<b>\$1,042,100</b>	
Importance Code A	\$979,600	
Importance Code B	\$62,400	
<b>Total</b>	<b>\$1,042,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$24,300	\$100	\$81,300	\$800
<b>Total</b>	<b>\$24,300</b>	<b>\$100</b>	<b>\$81,300</b>	<b>\$800</b>
Importance Code A	\$8,100		\$81,000	
Importance Code B	\$15,900	\$100	\$200	\$800
Importance Code C	\$300			
<b>Total</b>	<b>\$24,300</b>	<b>\$100</b>	<b>\$81,300</b>	<b>\$800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD 3 @PRINCESS BAY MARINA SHEET BULKHEAD AND REVETMENT**  
**Asset # : 13656**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Piles and Bracing								
Timber	95%			2038	**	4	\$162,100	
		<i>Missing Part, Extent : Light, Area Affected : 35%</i>						
		<i>Location : Several Locations In Northern 405 Linear Feet With Partially Exposed Anchor Rods</i>						
No Component	5%							
<b>Revetment</b>								
Stone	5%			LIFE	**	5	\$700	
No Component	95%							
<b>Sheet Piles</b>								
Composite, 5' Water	60%			LIFE	**	10		
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated</i>						
		<i>Explanation : Holes Around Bolt Locations Allowing Loss Of Fill</i>						
Composite, 5' Water	35%	4+	\$979,600	LIFE	**			
		<i>Deflection, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Northernmost 405 Linear Feet Is Globally Deflected Offshore And Locally Deflected At Inner Flange Interlocks</i>						
No Component	5%							
<b>Wales</b>								
Timber	95%			LIFE	**	4	\$24,300	
No Component	5%							
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Gravel	75%			2038	**	2-5	\$2,600	
Topsoil	25%	0-2	\$15,700	2029	\$15,700	5	\$700	
		<i>Settlement, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Northern 400 Linear Feet And 405 And 410 Feet From North End</i>						
<b>Deck Elements</b>								
<b>Railing</b>								
Fencing	65%			2030	**	3	\$300	
		<i>Broken, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Damaged Chain Link Fence 120 To 140 Feet From Bridge Abutment</i>						
Plastic	35%			2022	\$62,400			
		<i>Broken, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Temporary Construction Fencing With One Broken Section 280 Feet From North</i>						
<b>Electrical</b>								
<b>Lighting Fixture</b>								
Incandescent	100%			2023				
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 12 Fixture Locations</i>						
		<i>Explanation : Location</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : BULKHEAD AND GRAVITY WALL @DYCKMAN FISHING PIER  
 Address : SOUTH SIDE OF FISHING PIER TO INWOOD HILL PARK  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0159.003 / 13699 Yr Built/Renovated :  
 Linear Ft : 135 Project Type : PARKS AND RECREATION  
 Date of Survey : 24-Oct-2016 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 2178 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$251,100	
<b>Total</b>	<b>\$251,100</b>	
Importance Code A	\$251,100	
<b>Total</b>	<b>\$251,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$4,400	\$300		
<b>Total</b>	<b>\$4,400</b>	<b>\$300</b>		
Importance Code A				
Importance Code B	\$4,400	\$300		
Importance Code C				
<b>Total</b>	<b>\$4,400</b>	<b>\$300</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD AND GRAVITY WALL @DYCKMAN FISHING PIER**  
**Asset # : 13699**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall Concrete	75%	0-2	\$166,700	LIFE	**	5	\$400
				<i>Broken, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Throughout</i>				
				<i>Cracking, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Erosion, Extent : Severe, Area Affected : 40%</i>				
				<i>Location : Throughout</i>				
	No Component	25%						
	Pile Supported Wall Concrete	20%	2-4	\$84,300	2031	**	5	\$500
				<i>Progressing Scour, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : At Bottom Of Concrete Pier Abutment</i>				
	No Component	80%						
	Revetment Stone	10%			LIFE	**	5	\$100
	No Component	90%						
<b>Backfill</b>								
	Fill Stone	5%	Now	\$1,900	LIFE	**	5	
				<i>Loss of Backfill, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Behind Pier Abutment</i>				
	Not Accessible	95%						
	Surface Asphalt	20%	Now	\$2,500	2043	**	5	\$200
				<i>Settlement, Extent : Moderate, Area Affected : 75%</i>				
				<i>Location : At Pier Abutment</i>				
	Topsoil	80%			2026	\$5,900	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.

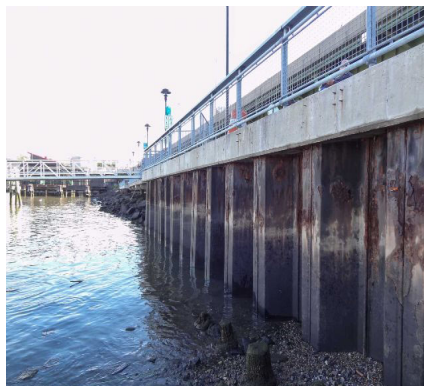
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD AND REVETMENT  
**Address** : W 133RD TO W 135TH STREETS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0148.000 / 13495 **Yr Built/Renovated** :  
**Linear Ft** : 521 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2005 **Lot** : 24 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$285,200	\$356,300
<b>Total</b>	<b>\$285,200</b>	<b>\$356,300</b>
Importance Code A	\$285,200	
Importance Code B		\$356,300
<b>Total</b>	<b>\$285,200</b>	<b>\$356,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$4,800		\$1,700	
<b>Total</b>	<b>\$4,800</b>		<b>\$1,700</b>	
Importance Code A				
Importance Code B	\$4,800		\$1,700	
Importance Code C				
<b>Total</b>	<b>\$4,800</b>		<b>\$1,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD AND REVETMENT**  
**Asset # : 13495**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall Concrete	55%			LIFE	**	5	\$1,200
			<i>Other Observation, Extent : Light, Area Affected : 75%</i>					
			<i>Location : North Of Gas Pier</i>					
			<i>Explanation : Stone Gabion</i>					
	No Component	45%						
<b>Revetment</b>								
	Stone	100%			LIFE	**	5	\$3,100
<b>Sheet Piles</b>								
	Steel	45%	4+	\$285,200	LIFE	**		
			<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : In Tidal Zone Where Exposed</i>					
	No Component	55%						
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	10%	Now	\$4,800	2043	**	5	\$300
			<i>Settlement, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Southern 60 Feet</i>					
			<i>Sinkhole, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : South End Of Asset At 133rd Street</i>					
	Asphalt	33%			2037	**	5	\$2,000
	Concrete	25%			2037	**	5	\$1,500
			<i>Settlement, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
	Gravel	2%			2037	**	2-5	
	No Component	30%						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	70%			2027			\$356,300
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD AT FORMER FUR FIN / FEATHERS ASSOCIATION  
**Address** : BAYVIEW AVE, LEMON CREEK WEST BANK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0152.010 / 13660 **Yr Built/Renovated** :  
**Linear Ft** : 890 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,614,700	\$39,200
<b>Total</b>	<b>\$2,614,700</b>	<b>\$39,200</b>
Importance Code A	\$2,497,300	
Importance Code B	\$117,400	\$39,200
<b>Total</b>	<b>\$2,614,700</b>	<b>\$39,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$16,400			
<b>Total</b>	<b>\$16,400</b>			
Importance Code A				
Importance Code B	\$16,400			
<b>Total</b>	<b>\$16,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD AT FORMER FUR FIN / FEATHERS ASSOCIATION**

**Asset # : 13660**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Gravity Wall								
Timber Crib w/Stone	20%	Now	\$885,900	LIFE	**	4	\$5,200	
			<i>Progressing Scour, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Behind Remaining Marina Elements</i>					
No Component	80%							
Piles and Bracing								
Timber	80%	Now	\$107,100	2044	**	4	\$106,600	
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Collapsed Downstream 500 Feet</i>					
No Component	20%							
Sheet Piles								
Timber	80%	Now	\$1,394,100	LIFE	**	4	\$13,300	
			<i>Broken, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Downstream Of Remaining Marina</i>					
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Downstream Of Remaining Marina</i>					
No Component	20%							
Wales								
Timber	80%	Now	\$110,200	LIFE	**	4	\$10,700	
			<i>Missing Part, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Downstream Of Marina</i>					
No Component	20%							
<b>Backfill</b>								
Fill								
Topsoil	40%	Now	\$78,200	2069	**			
			<i>Erosion, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Not Accessible	60%							
Surface								
Asphalt	20%	Now	\$16,400	2044	**	5	\$1,000	
			<i>Settlement, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : South Of Bend In Creek</i>					
Topsoil	80%	Now	\$39,200	2029	\$39,200	5	\$1,700	
			<i>Erosion, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : South, North, And Throughout Marina Area</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD AT FORMER SANDYS MARINA / TIMBER BULKHEAD  
**Address** : MOUTH OF LEMON CREEK, / JOHNSON TERRACE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0151.010 / 13657 **Yr Built/Renovated** :  
**Linear Ft** : 300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$1,038,700	
<b>Total</b>	<b>\$1,038,700</b>	
Importance Code A	\$1,038,700	
<b>Total</b>	<b>\$1,038,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$58,500			
<b>Total</b>	<b>\$58,500</b>			
Importance Code A	\$27,900			
Importance Code B	\$30,600			
<b>Total</b>	<b>\$58,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD AT FORMER SANDYS MARINA / TIMBER BULKHEAD**  
**Asset # : 13657**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Structural</b>									
	Piles and Bracing								
	Timber	100%	Now	\$451,300	2044	**	4	\$44,900	1
		<i>Broken, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : From Mouth Of Creek To Marina</i>							
	Sheet Piles								
	Timber	100%	Now	\$587,400	LIFE	**	4	\$5,600	1
		<i>Broken, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : From Mouth Of Creek Past Marina</i>							
	Wales								
	Timber	60%	Now	\$27,900	LIFE	**	4	\$2,700	
		<i>Broken, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Behind Marina</i>							
	No Component	40%							
<b>Backfill</b>									
	Fill								
	Not Accessible	100%							
	Surface								
	Concrete	15%	Now	\$16,600	2044	**	5	\$300	
		<i>Cracking, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : At Old Boat Ramp 215 To 240 Feet From Mouth Of Creek</i>							
	Topsoil	85%	4+	\$14,000	2029	\$14,000	5	\$600	
		<i>Settlement, Extent : Moderate, Area Affected : 50%</i>							
		<i>Location : From Mouth Of Creek To Marina</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD AT LEMON CREEK MARINA  
**Address** : LEMON CREEK PARK , PRINCESS BAY  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0140.010 / 13659 **Yr Built/Renovated** :  
**Linear Ft** : 525 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6674 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$1,504,100	
<b>Total</b>	<b>\$1,504,100</b>	
Importance Code A	\$1,404,200	
Importance Code B	\$60,500	
Importance Code C	\$39,400	
<b>Total</b>	<b>\$1,504,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$14,400		\$600	
<b>Total</b>	<b>\$14,400</b>		<b>\$600</b>	
Importance Code A				
Importance Code B	\$14,400		\$600	
Importance Code C				
<b>Total</b>	<b>\$14,400</b>		<b>\$600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD AT LEMON CREEK MARINA**  
**Asset # : 13659**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Piles and Bracing							
	Timber	55%	Now	\$434,300	2044	**	4	\$43,200
				<i>Broken, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : From Clubhouse South For 280 Feet</i>				
				<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : From Clubhouse South For 280 Feet</i>				
	No Component	45%						
	Revetment							
	Stone	10%	Now	\$39,400	LIFE	**	5	\$300
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Downstream Of Clubhouse</i>				
				<i>Explanation : Non-engineered Revetment With Poor Shoreline Coverage</i>				
	No Component	90%						
	Sheet Piles							
	Timber	90%	Now	\$925,200	LIFE	**	4	\$8,800
				<i>Displaced Elements, Extent : Severe, Area Affected : 60%</i>				
				<i>Location : From Clubhouse South For 280 Feet</i>				
				<i>Missing Part, Extent : Severe, Area Affected : 40%</i>				
				<i>Location : North And South Of Marina</i>				
	No Component	10%						
	Wales							
	Timber	55%	Now	\$44,700	LIFE	**	4	\$4,300
				<i>Rotting/Splitting, Extent : Severe, Area Affected : 60%</i>				
				<i>Location : From Clubhouse South For 280 Feet</i>				
	No Component	45%						
	Backfill							
	Fill							
	Sand	50%	Now	\$60,500	2059	**	5	\$200
				<i>Loss of Backfill, Extent : Severe, Area Affected : 50%</i>				
				<i>Location : Behind Failed Bulkhead</i>				
	Not Accessible	50%						
	Surface							
	Topsoil	50%	Now	\$14,400	2029	\$14,400	5	\$600
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout Areas North And South Of Marina</i>				
	Topsoil	50%			2027	\$14,400	5	\$1,200

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD, GRAVITY WALL, AND OVERLOOK PIER  
**Address** : W 72ND TO W 70TH ST NS OF PIER I HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGSP025.011 / 1757 **Yr Built/Renovated** :  
**Linear Ft** : 600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 200 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$230,900	\$586,200
<b>Total</b>	<b>\$230,900</b>	<b>\$586,200</b>
Importance Code A	\$42,800	
Importance Code B	\$107,000	\$586,200
Importance Code C	\$81,100	
<b>Total</b>	<b>\$230,900</b>	<b>\$586,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$26,700			
<b>Total</b>	<b>\$26,700</b>			
Importance Code A	\$25,400			
Importance Code B	\$1,300			
Importance Code C				
<b>Total</b>	<b>\$26,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, GRAVITY WALL, AND OVERLOOK PIER**

**Asset # : 1757**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Gravity Wall							
	Concrete	70%			LIFE	**	5	\$1,700
		<i>Displaced Elements, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 2 Inch Gap Between Gravity Wall Segments At 186 Feet From South End Of Asset</i>						
	Concrete	10%	4+	\$24,700	LIFE	**	5	\$200
		<i>Erosion, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Splash Zone</i>						
	No Component	10%						
	Not Accessible	10%						
Piles and Bracing	Concrete Encased Steel	10%	4+	\$42,800	LIFE	**		
		<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Exposed Steel Columns On Concrete Pedestals</i>						
	No Component	90%						
Revetment	Stone	30%	4+	\$81,100	LIFE	**	5	\$1,100
		<i>Missing Part, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Isolated Missing Stone Throughout</i>						
	No Component	70%						
Pile Caps	Steel	10%	4+	\$700	2029	\$1,100	5	\$200
		<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Isolated Throughout</i>						
	No Component	90%						
Backfill	Fill							
	Topsoil	1%	Now	\$1,300	2068	**		
		<i>Sinkhole, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : At 579 Feet From South End Of Asset</i>						
	Not Accessible	99%						
Surface	Asphalt Pavers	84%	4+	\$105,700	2037	**	5	\$2,900
		<i>Settlement, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : At Expansion Joints Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Offshore 1 Foot Throughout Entire Length</i>						
		<i>Explanation : Settlement</i>						
	Asphalt Pavers	1%	Now	\$1,300	2037	**	5	
		<i>Sinkhole, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : At 270 Feet And 579 Feet From South End Of Asset</i>						
	Timber	15%			2037	**	10	
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.

**DEPT. OF PARKS & RECREATION - 846  
BULKHEAD, GRAVITY WALL, AND OVERLOOK PIER**

**Asset # : 1757**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

Deck Elements

Railing

Steel

100%

2026

\$586,200

*Corrosion, Extent : Light, Area Affected : 2%*

*Location : Isolated Locations Throughout*

*Missing Coating, Extent : Light, Area Affected : 5%*

*Location : Isolated 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD, PIER 81 TO PIER 83  
**Address** : HUDSON RIVER, 41ST TO 43RD STS.  
**Borough** : MANHATTAN                      **Agency's Number** : N/A  
**Program / Asset #** : DBS0025.022 / 1760                      **Yr Built/Renovated** : 1900 /  
**Linear Ft** : 536                                              **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Sep-2014                      **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1107                      **Lot** : 11                      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$347,100	
<b>Total</b>	<b>\$347,100</b>	
Importance Code A	\$347,100	
<b>Total</b>	<b>\$347,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$19,300			
<b>Total</b>	<b>\$19,300</b>			
Importance Code A				
Importance Code B	\$19,300			
Importance Code C				
<b>Total</b>	<b>\$19,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, PIER 81 TO PIER 83**  
**Asset # : 1760**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Timber	85%			LIFE	**	5	\$200
	No Component	15%						
	Gravity Wall							
	Concrete	15%	4+	\$198,600	LIFE	**	5	\$300
				<i>Erosion, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Tidal Zone</i>				
	Concrete	5%	0-2	\$66,200	LIFE	**	5	\$100
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : At Dep Outfall</i>				
	Stone	25%			LIFE	**	5	\$11,400
	Stone	5%	4+	\$82,300	LIFE	**	5	\$2,300
				<i>Missing Block Seal, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
	No Component	35%						
	Not Accessible	15%						
	Sheet Piles							
	Concrete Encased Steel	25%			LIFE	**		
				<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>				
				<i>Location : From Pier 81 To 190 Feet North</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Concrete Face In Tidal Zone</i>				
				<i>Explanation : Erosion</i>				
	No Component	65%						
	Not Accessible	10%						
	Backfill							
	Fill							
	Not Accessible	100%						
	Surface							
	Asphalt	65%			2035	**	5	\$4,000
				<i>Cracking, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Asphalt	35%	0-2	\$17,300	2041	**	5	\$1,100
				<i>Sinkhole, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Immediately Behind Steel Sheet Piles 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD, PIER 84  
**Address** : HUDSON RIVER, N. SIDE W. 45TH ST TO NORTH SIDE WEST 43RD ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DBS0025.023 / 1761 **Yr Built/Renovated** : 1900 /  
**Linear Ft** : 849 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1107 **Lot** : 21 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$358,100	\$456,200
<b>Total</b>	<b>\$358,100</b>	<b>\$456,200</b>
Importance Code A	\$358,100	
Importance Code B		\$456,200
<b>Total</b>	<b>\$358,100</b>	<b>\$456,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$500			
<b>Total</b>	<b>\$500</b>			
Importance Code A				
Importance Code B	\$500			
<b>Total</b>	<b>\$500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, PIER 84**  
**Asset # : 1761**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	15%	2-4	\$314,600	LIFE	**	5	\$500
		<i>Erosion, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : In Tidal Zone At Joints, North Of Pier 84</i>						
	Concrete	25%			LIFE	**	5	\$900
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
	Stone	15%			LIFE	**	5	\$10,800
	Stone	5%	4+	\$43,500	LIFE	**	5	\$3,600
		<i>Broken, Extent : Moderate, Area Affected : 1%</i>						
		<i>Location : Block With Broken Corner South Of Pier 84</i>						
		<i>Missing Block Seal, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
	Not Accessible	40%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Concrete	10%			2035	**	5	\$1,000
		<i>Cracking, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Throughout</i>						
	Stone	75%			2035	**	10	
	Timber	15%			2035	**	10	
<b>Deck Elements</b>								
	Railing							
	Steel	55%			2024	\$456,200		
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : North Of Pier 84</i>						
		<i>Explanation : Timber Top Rail</i>						
	No Component	45%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD, PIER 86  
**Address** : HUDSON RIVER, 46TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DBS0025.024 / 1762 **Yr Built/Renovated** : 1900 /  
**Linear Ft** : 921 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1107 **Lot** : 30 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$758,400	\$494,900
<b>Total</b>	<b>\$758,400</b>	<b>\$494,900</b>
Importance Code A	\$758,400	
Importance Code B		\$494,900
<b>Total</b>	<b>\$758,400</b>	<b>\$494,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$2,400			
<b>Total</b>	<b>\$2,400</b>			
Importance Code A				
Importance Code B	\$2,400			
<b>Total</b>	<b>\$2,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, PIER 86**  
**Asset # : 1762**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	60%	2-4	\$455,000	LIFE	**	5	\$2,200
				<i>Cracking, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
				<i>Erosion, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Throughout, Erosion Band Along The Tidal Zone Up To 1 Feet Deep</i>				
	Concrete	10%	Now	\$303,400	LIFE	**	5	\$400
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Northern 100 Feet Has Erosion Up To 3 Feet Deep In Tidal Zone</i>				
	Not Accessible	30%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	45%			2035	**	5	\$4,700
				<i>Cracking, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Throughout</i>				
	Stone	55%			2035	**	10	
<b>Deck Elements</b>								
	Railing							
	Steel	55%			2024	\$494,900		
				<i>Rusted Steel Surface, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Throughout</i>				
	No Component	45%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD, PIER 98  
**Address** : HUDSON RIVER, W 58TH TO W 59TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DBS0025.028 / 4160 **Yr Built/Renovated** : 1900 /  
**Linear Ft** : 291 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1109 **Lot** : 25 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$203,100	
<b>Total</b>	<b>\$203,100</b>	
Importance Code A	\$166,800	
Importance Code B	\$36,400	
<b>Total</b>	<b>\$203,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$63,900			
<b>Total</b>	<b>\$63,900</b>			
Importance Code A				
Importance Code B	\$63,900			
<b>Total</b>	<b>\$63,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, PIER 98**  
**Asset # : 4160**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Relieving Platform Top							
	Concrete	65%	4+	\$130,700	LIFE	**	5	\$700
		<i>Erosion, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Bottom Corner In Tidal Zone</i>						
	No Component	35%						
	Gravity Wall							
	Concrete	15%			LIFE	**	5	\$200
		<i>Erosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone</i>						
	No Component	65%						
	Not Accessible	20%						
	Piles and Bracing							
	No Component	35%						
	Not Accessible	65%						
	Pile Caps							
	Timber	10%	4+	\$36,100	LIFE	**	4	\$200
		<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Throughout Cap Ends</i>						
	Not Accessible	90%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Concrete	100%			2039	**	5	\$3,300
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : From Pier 98 To Pier 99</i>						
<b>Fender</b>								
	Piles							
	Timber	65%	Now	\$36,400	2041	**	4	\$4,500
		<i>Missing Pile, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
	No Component	35%						
	Wales and Chocks							
	Timber	65%	Now	\$34,300	2041	**	4	\$10,300
		<i>Missing Part, Extent : Severe, Area Affected : 85%</i>						
		<i>Location : Throughout</i>						
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 75%</i>						
		<i>Location : Throughout</i>						
	No Component	35%						
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, PIER 98**  
**Asset # : 4160**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Deck Elements									
	Railing								
	Timber	65%			2020	\$29,600			
			<i>Rotting/Splitting, Extent : Light, Area Affected : 15%</i>						
			<i>Location : Top Rail</i>						
	No Component	35%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BULKHEAD, PIERS 95 AND 96  
**Address** : HUDSON RIVER, W 54TH ST TO SOUTH SIDE OF PIER 97 BOW NOTCH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DBS0025.026 / 1764 **Yr Built/Renovated** : 1900 /  
**Linear Ft** : 660 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1109 **Lot** : 15 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$202,700	\$204,900
<b>Total</b>	<b>\$202,700</b>	<b>\$204,900</b>
Importance Code A	\$202,700	\$44,800
Importance Code B		\$160,200
<b>Total</b>	<b>\$202,700</b>	<b>\$204,900</b>

**EXPENSE**

**Total**  
 Importance Code  
**Total**



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD, PIERS 95 AND 96**  
**Asset # : 1764**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	70%			LIFE	**	5	\$39,200
	Stone	10%	4+	\$202,700	LIFE	**	5	\$5,600
				<i>Displaced Elements, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Immediately South Of Pier 97 Bow Notch</i>				
				<i>Missing Block Seal, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Top Course North Of Pier 95</i>				
	Not Accessible	20%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Stone	100%			2039	**	10	
<b>Deck Elements</b>								
	Railing							
	Aluminum	65%			2025			\$160,200
	No Component	35%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

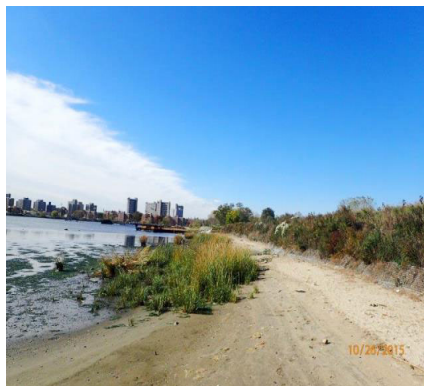
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CALVERT VAUX PARK RIP-RAP  
**Address** : CONEY ISLAND CREEK BET BAY 44 AND W22 ST.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB125.000 / 922 **Yr Built/Renovated** :  
**Linear Ft** : 6,580 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6944 **Lot** : 500 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$1,171,600	\$362,000
<b>Total</b>	<b>\$1,171,600</b>	<b>\$362,000</b>
Importance Code B	\$282,100	\$362,000
Importance Code C	\$889,500	
<b>Total</b>	<b>\$1,171,600</b>	<b>\$362,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$10,800		\$20,600	
<b>Total</b>	<b>\$10,800</b>		<b>\$20,600</b>	
Importance Code A				
Importance Code B	\$10,800		\$20,600	
Importance Code C				
<b>Total</b>	<b>\$10,800</b>		<b>\$20,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CALVERT VAUX PARK RIP-RAP**  
**Asset # : 922**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
Gravity Wall								
	Stone Gabion	2%			LIFE	**	3	\$100
	No Component	98%						
<b>Revetment</b>								
	Stone	15%			LIFE	**	5	\$5,900
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
		<i>Explanation : Armor Stone</i>						
	Stone	30%	4+	\$889,500	LIFE	**	5	\$11,800
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Erosion Of Bank North Of Natural Shoreline</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : North Of Natural Shoreline</i>						
		<i>Explanation : Poorly Graded Concrete Debris And Stone</i>						
	Stone	35%			LIFE	**	5	\$13,800
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : North Of Natural Shoreline</i>						
		<i>Explanation : Poorly Graded Concrete Debris And Stone</i>						
	No Component	20%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Adjacent To Gabion Wall</i>						
		<i>Explanation : Natural Shoreline</i>						
<b>Backfill</b>								
<b>Fill</b>								
	Topsoil	30%	4+	\$173,500	2067	**		
		<i>Erosion, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Upland Of Poorly Graded Concrete Debris And Stone</i>						
	Not Accessible	70%						
<b>Surface</b>								
	Topsoil	30%	4+	\$108,600	2027	\$108,600	5	\$4,600
		<i>Erosion, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Upland Of Poorly Graded Concrete Debris And Stone</i>						
	Topsoil	70%			2025	\$253,400	5	\$21,500
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Face Of Bank</i>						
<b>Deck Elements</b>								
<b>Railing</b>								
	Timber	2%			2022	\$20,600		
		<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Adjacent To Gabion Wall</i>						
	No Component	98%						

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.

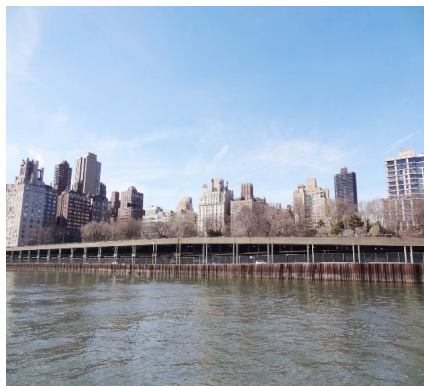
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CARL SCHURZ PARK SEAWALL  
**Address** : EAST RIVER, WEST CHANNEL EAST END AVE BET E84 AND E88 STS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM081.001 / 751 **Yr Built/Renovated** :  
**Linear Ft** : 1,149 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Jan-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1592 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$209,600	\$63,700
<b>Total</b>	<b>\$209,600</b>	<b>\$63,700</b>
Importance Code A	\$209,600	
Importance Code B		\$63,700
<b>Total</b>	<b>\$209,600</b>	<b>\$63,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads		\$6,600	\$200	
<b>Total</b>		<b>\$6,600</b>	<b>\$200</b>	
Importance Code B		\$6,600	\$200	
<b>Total</b>		<b>\$6,600</b>	<b>\$200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CARL SCHURZ PARK SEAWALL**  
**Asset # : 751**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Sheet Piles							
	Steel	30%	4+	\$209,600	LIFE			**
		<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Tidal And Splash Zones</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Holes At Sheet Pile Splice Locations</i>						
	Steel	30%			LIFE			**
	Not Accessible	40%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Concrete	100%			2036	**	5	\$13,100
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Behind Steel Sheet Piles</i>						
		<i>Explanation : Fdr Is Behind Concrete Surface</i>						
<b>Deck Elements</b>								
	Railing							
	Fencing	100%			2028	\$63,700	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CARL SCHURZ PARK SEAWALL  
**Address** : EAST RIVER, WEST CHANNEL EAST END AVE BET E88 AND E90 STS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM081.002 / 752 **Yr Built/Renovated** :  
**Linear Ft** : 710 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1592 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,035,800	\$757,700
<b>Total</b>	<b>\$2,035,800</b>	<b>\$757,700</b>
Importance Code A	\$2,035,800	\$64,000
Importance Code B		\$693,700
<b>Total</b>	<b>\$2,035,800</b>	<b>\$757,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$52,600	\$2,200		
<b>Total</b>	<b>\$52,600</b>	<b>\$2,200</b>		
Importance Code B	\$38,100	\$2,200		
Importance Code C	\$14,500			
<b>Total</b>	<b>\$52,600</b>	<b>\$2,200</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## CARL SCHURZ PARK SEAWALL

Asset # : 752

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Coping/Curb								
Stone	90%			LIFE	**	5	\$1,100	
Stone	10%	Now	\$14,500	LIFE	**	5	\$100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North End Behind Chain-link Fence</i>								
<i>Explanation : Displaced</i>								
Gravity Wall								
Conc w/Stone Face	25%	Now	\$814,300	LIFE	**	5	\$16,000	
<i>Displaced Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North End</i>								
<i>Missing Part, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Several Sections Of Missing Stone Facing</i>								
<i>Missing Block Seal, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Tidal Zone</i>								
Conc w/Stone Face	75%	4+	\$1,221,500	LIFE	**	5	\$48,000	
<i>Missing Block Seal, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing Stone Fascia</i>								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	15%	Now	\$9,800	2042	**	5	\$600	
<i>Settlement, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At North End</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North End 60 Feet Long Section</i>								
<i>Explanation : Area Cordoned Off With Chain-link Fence Due To Settlement</i>								
Asphalt	55%			2036	**	5	\$4,500	
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Wall Edge</i>								
Topsoil	30%			2025		5	\$1,000	
Deck Elements								
Railing								
Steel	60%			2025			\$416,200	
Steel	40%	Now	\$27,700	2025			\$277,500	
<i>Broken, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Northern 60 Feet</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : COMPOSITE SHEET PILE BULKHEAD AND REVETMENT  
**Address** : NORTH SIDE KISSAM AVE.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0202.000 / 13946 **Yr Built/Renovated** :  
**Linear Ft** : 550 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 4105 **Lot** : 50 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$248,200
<b>Total</b>		<b>\$248,200</b>
Importance Code A		\$248,200
<b>Total</b>		<b>\$248,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$500	\$6,300		\$100
<b>Total</b>	<b>\$500</b>	<b>\$6,300</b>		<b>\$100</b>
Importance Code A		\$6,200		
Importance Code B	\$500	\$100		\$100
Importance Code C				
<b>Total</b>	<b>\$500</b>	<b>\$6,300</b>		<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**COMPOSITE SHEET PILE BULKHEAD AND REVETMENT**  
**Asset # : 13946**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
<b>Piles and Bracing</b>								
	Composite, 5' Water	30%			2035	**		
	Timber	15%			2029	\$248,200	4	\$18,500
<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
	No Component	55%						
<b>Revetment</b>								
	Stone	100%			LIFE	**	5	\$3,300
<b>Sheet Piles</b>								
	Composite, 5' Water	30%			LIFE	**		
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Intermittent Throughout</i>								
<i>Explanation : Corrosion At Hardware</i>								
	Timber	15%			LIFE	**	4	\$1,500
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Cracking And Weathering</i>								
	No Component	55%						
<b>Wales</b>								
	Composite, 5' Water	30%			LIFE	**		
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Intermittent Throughout</i>								
<i>Explanation : Corrosion At Hardware And Cracking Along Wale</i>								
	Timber	15%			LIFE	**	4	\$1,200
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Weathering And Cracking</i>								
	No Component	55%						
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Sand	100%			2035	**	2-5	\$1,700

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

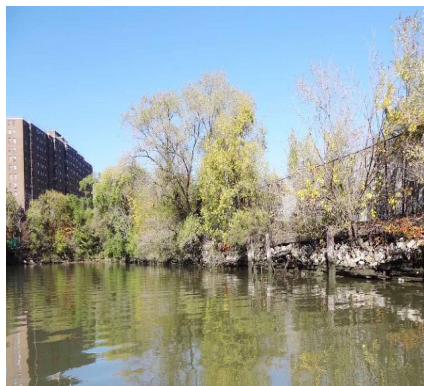
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CRIBBING BULKHEAD  
**Address** : INSIDE EAST SHORE SHERMAN CREEK SO SIDE CON ED SITE SUB 2 OF A/T  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0172.000 / 13808 **Yr Built/Renovated** :  
**Linear Ft** : 145 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2150 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$433,000	
<b>Total</b>	<b>\$433,000</b>	
Importance Code A	\$433,000	
<b>Total</b>	<b>\$433,000</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads		\$300		
<b>Total</b>		<b>\$300</b>		
Importance Code A				
Importance Code B		\$300		
<b>Total</b>		<b>\$300</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## CRIBBING BULKHEAD

Asset # : 13808

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural								
	Gravity Wall							
	Timber Crib w/Stone	100%	Now	\$433,000	LIFE	**	4	\$4,200
				<i>Broken, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Piles And Timber Members</i>				
				<i>Displaced Elements, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Partial Collapse</i>				
Backfill								
	Fill							
	Not Accessible	100%						
Surface								
	Topsoil	100%			2026	\$8,000	5	\$700

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CROMWELL RECREATION CENTER STEEL SHEET PILE BULKHEAD  
**Address** : SHORE SIDE PIER 6/ S. OF VICTORY BLVD ALONG MURRAY HULBERT AVE.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PARR044.001 / 2874 **Yr Built/Renovated** :  
**Linear Ft** : 325 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 487 **Lot** : 110 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$395,300	
<b>Total</b>	<b>\$395,300</b>	
Importance Code A	\$395,300	
<b>Total</b>	<b>\$395,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$3,300			
<b>Total</b>	<b>\$3,300</b>			
Importance Code B	\$3,300			
<b>Total</b>	<b>\$3,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CROMWELL RECREATION CENTER STEEL SHEET PILE BULKHEAD**  
**Asset # : 2874**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Sheet Piles							
	Steel	100%	4+	\$395,300	LIFE	**		
		<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Above Mudline</i>						
<hr/>								
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<hr/>								
	Surface							
	Asphalt	95%			2035	**	5	\$3,500
		<i>Settlement, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Throughout</i>						
	Asphalt	5%	Now	\$1,500	2041	**	5	\$100
		<i>Settlement, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Station 1+00 From Victory Blvd</i>						
<hr/>								
<b>Deck Elements</b>								
	Railing							
	Fencing	100%			2027	\$18,000	3	\$100

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DIMEGLIO MARINA BULKHEAD AND REVETMENT  
**Address** : EAST SHORE OF EAST MILL BASIN  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0128.000 / 13496 **Yr Built/Renovated** :  
**Linear Ft** : 460 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8470 **Lot** : 1350 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$235,500	
<b>Total</b>	<b>\$235,500</b>	
Importance Code B	\$45,500	
Importance Code C	\$190,000	
<b>Total</b>	<b>\$235,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$22,300	\$400		
<b>Total</b>	<b>\$22,300</b>	<b>\$400</b>		
Importance Code B	\$22,300	\$400		
Importance Code C				
<b>Total</b>	<b>\$22,300</b>	<b>\$400</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**DIMEGLIO MARINA BULKHEAD AND REVETMENT**

**Asset # : 13496**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	55%	Now	\$190,000	LIFE	**	5	\$1,500	
			<i>Erosion, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Beind Revetment</i>					
			<i>Missing Part, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Loose Concrete Debris And Stone</i>					
No Component	45%							
<b>Sheet Piles</b>								
Steel	15%			LIFE	**			
			<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Above Water</i>					
No Component	85%							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	45%	Now	\$45,500	2067	**			
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Above Revetment</i>					
			<i>Explanation : Erosion Evident</i>					
Not Accessible	55%							
<b>Surface</b>								
Asphalt	5%	Now	\$2,100	2042	**	5	\$100	
			<i>Erosion, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Behind Revetment</i>					
Asphalt	15%			2036	**	5	\$800	
Concrete	5%	Now	\$8,500	2042	**	5	\$100	
			<i>Erosion, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Behind Revetment</i>					
Topsoil	30%			2025	\$7,600	5	\$600	
Topsoil	45%	Now	\$11,400	2027	\$11,400	5	\$500	
			<i>Erosion, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Behind Revetment</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DRISCOLL TUCKER PLACE CONCRETE WHARF  
**Address** : SHEEPSHEAD BAY E 27TH ST AND EMMONS AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB240.000 / 903 **Yr Built/Renovated** : 1953 / 2001  
**Linear Ft** : 166 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8815 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$341,400
<b>Total</b>		<b>\$341,400</b>
Importance Code B		\$341,400
<b>Total</b>		<b>\$341,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$9,300			\$2,000
<b>Total</b>	<b>\$9,300</b>			<b>\$2,000</b>
Importance Code A				
Importance Code B	\$9,300			\$2,000
<b>Total</b>	<b>\$9,300</b>			<b>\$2,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**DRISCOLL TUCKER PLACE CONCRETE WHARF**  
**Asset # : 903**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Not Accessible	100%						
	Pile Caps							
	Concrete	100%			LIFE	**	5	\$500
				<i>Cracking, Extent : Moderate, Area Affected : 1%</i>				
				<i>Location : At East Side Of Outfall Along South Face</i>				
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Concrete	85%			2035	**	5	\$1,600
				<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
	Concrete	10%	2-4	\$6,100	2041	**	5	\$100
				<i>Settlement, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : East End Of Park Has Area Of Concrete Surface Beginning To Be Undermined</i>				
	Topsoil	5%	4+	\$500	2026	\$500	5	
				<i>Erosion, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : East End Of Park</i>				
<b>Fender</b>								
	Facing							
	Timber	90%			2029	\$179,200	3	\$7,800
				<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Tidal Zone</i>				
	Not Accessible	10%						
<b>Deck Elements</b>								
	Railing							
	Steel	100%			2024	\$162,200		

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : EAST CITY ISLAND PARK REVETMENT  
**Address** : CITY ISLAND HARBOR BET CENTRE ST AND EARLEY ST  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PARX253.000 / 2710 **Yr Built/Renovated** :  
**Linear Ft** : 759 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5641 **Lot** : 280 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$618,800	
<b>Total</b>	<b>\$618,800</b>	
Importance Code A	\$226,600	
Importance Code C	\$392,100	
<b>Total</b>	<b>\$618,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$20,200	\$1,200		
<b>Total</b>	<b>\$20,200</b>	<b>\$1,200</b>		
Importance Code A				
Importance Code B	\$20,200	\$1,200		
Importance Code C				
<b>Total</b>	<b>\$20,200</b>	<b>\$1,200</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**EAST CITY ISLAND PARK REVETMENT**  
**Asset # : 2710**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Gravity Wall								
Timber Crib w/Stone	30%	0-2	\$226,600	LIFE	**	4	\$6,600	
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : South End</i>					
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : South End</i>					
No Component	70%							
<b>Revetment</b>								
Stone	30%	0-2	\$156,800	LIFE	**	5	\$1,400	
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Behind Timber Cribs</i>					
			<i>Explanation : Unstable. Restrained By Deteriorated Timber Crib</i>					
Stone	25%			LIFE	**	5	\$1,100	
Stone	45%	4+	\$235,300	LIFE	**	5	\$2,000	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Entire Northern Section And Section Between Cribs</i>					
			<i>Explanation : Non-engineered Revetment</i>					
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Stone	25%	Now	\$20,200	2037	**			
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Above Intact Revetment</i>					
			<i>Explanation : Ungraded Stone With Poor Coverage</i>					
Topsoil	65%			2026	\$27,100	5	\$2,300	
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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : EAST RIVER PARK SEAWALL  
**Address** : EAST RIVER PARK BET JACKSON ST AND E 13TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM144.001 / 690 **Yr Built/Renovated** :  
**Linear Ft** : 6,615 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 316 **Lot** : 200 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,043,700	\$6,500,100
<b>Total</b>	<b>\$2,043,700</b>	<b>\$6,500,100</b>
Importance Code A	\$2,006,700	
Importance Code B	\$37,000	\$6,500,100
<b>Total</b>	<b>\$2,043,700</b>	<b>\$6,500,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads		\$5,500		
<b>Total</b>		<b>\$5,500</b>		
Importance Code A				
Importance Code B		\$5,500		
Importance Code C				
<b>Total</b>		<b>\$5,500</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**EAST RIVER PARK SEAWALL**  
**Asset # : 690**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
Relieving Platform Top								
	Concrete	89%			LIFE	**	5	\$22,000
	Concrete	2%	4+	\$45,700	LIFE	**	5	\$500
<i>Mechanical Damage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Isolated Missing And Cracked Transition Panels</i>								
	No Component	9%						
<b>Coping/Curb</b>								
	Stone	100%			LIFE	**	5	\$11,300
<b>Gravity Wall</b>								
	Concrete	9%	2-4	\$1,960,900	LIFE	**	5	\$2,400
<i>Displaced Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Southern 200 Feet Displaced From Beneath Deck Surface</i>								
<i>Erosion, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Tidal Zone Of Southern 560 Feet</i>								
	No Component	91%						
<b>Piles and Bracing</b>								
	No Component	9%						
	Not Accessible	91%						
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt Pavers	98%			2037	**	5	\$74,000
<i>Settlement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Isolated Throughout</i>								
	Topsoil	2%			2026	\$7,300	5	\$600
<b>Fender</b>								
<b>Piles</b>								
	Timber	2%			2041	**	4	\$4,800
	No Component	98%						
<b>Wales and Chocks</b>								
	Timber	2%			2041	**	4	\$10,800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Firewater Intake Structure</i>								
<i>Explanation : Location</i>								
	No Component	98%						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	100%			2027	\$6,463,200		

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.

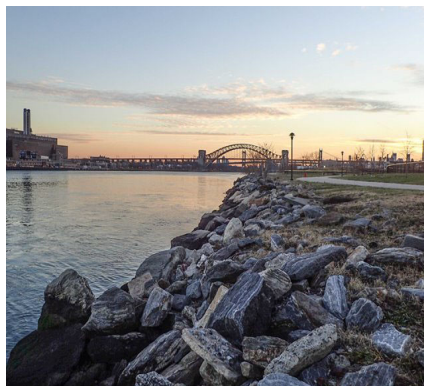
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : EAST SHORE RIP-RAP SHORELINE  
 Address : RANDALLS ISLAND SUNKEN MEADOW  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PARM104.020 / 13856 Yr Built/Renovated :  
 Linear Ft : 2,290 Project Type : PARKS AND RECREATION  
 Date of Survey : 11-Jan-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 1819 Lot : 5 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads		\$113,400
<b>Total</b>		<b>\$113,400</b>
Importance Code B		\$113,400
<b>Total</b>		<b>\$113,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$20,400		\$4,700	\$1,000
<b>Total</b>	<b>\$20,400</b>		<b>\$4,700</b>	<b>\$1,000</b>
Importance Code B	\$6,700		\$4,700	\$1,000
Importance Code C	\$13,700			
<b>Total</b>	<b>\$20,400</b>		<b>\$4,700</b>	<b>\$1,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**EAST SHORE RIP-RAP SHORELINE**  
**Asset # : 13856**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Revetment							
	Stone	100%			LIFE	**	5	\$27,400
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	2%	4+	\$4,200	2044	**	5	\$300
		<i>Erosion, Extent : Light, Area Affected : 20%</i>						
		<i>Location : From 515 Feet To 560 Feet From The South</i>						
	Asphalt	8%			2038	**	5	\$2,100
	Topsoil	88%			2027	\$110,900	5	\$9,400
	Topsoil	2%	Now	\$2,500	2029	\$2,500	5	\$100
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Adjacent To Asphalt From 250 Feet To 370 Feet And 515 Feet To 560 Feet From The South</i>						
<b>Electrical</b>								
	Lighting Fixture							
	Sodium	100%			2023			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout Asset</i>						
		<i>Explanation : Four Light Fixtures Along Walk</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

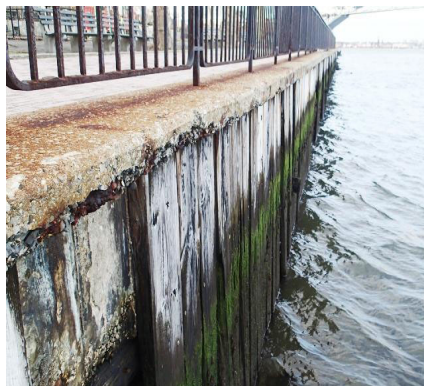
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FABER PARK TIMBER CRIBBING W/TIMBER FACING  
**Address** : FABER PARK-RICHMOND TER/NORTH ST  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PARR008.000 / 708 **Yr Built/Renovated** :  
**Linear Ft** : 226 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1070 **Lot** : 34 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$202,500	\$220,800
<b>Total</b>	<b>\$202,500</b>	<b>\$220,800</b>
Importance Code A	\$202,500	
Importance Code B		\$220,800
<b>Total</b>	<b>\$202,500</b>	<b>\$220,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$26,100			
<b>Total</b>	<b>\$26,100</b>			
Importance Code A				
Importance Code B	\$8,800			
Importance Code C	\$17,200			
<b>Total</b>	<b>\$26,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**FABER PARK TIMBER CRIBBING W/TIMBER FACING**  
**Asset # : 708**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Concrete	90%			LIFE	**	5	\$200
	Concrete	10%	4+	\$4,700	LIFE	**	5	
		<i>Spalling, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Isolated Throughout</i>						
<hr/>								
	Facing							
	Timber	30%	Now	\$3,700	LIFE	**		
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
	Timber	70%	4+	\$8,700	LIFE	**		
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
<hr/>								
	Gravity Wall							
	Timber Crib w/Stone	25%	4+	\$168,700	LIFE	**	4	\$1,600
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
	Timber Crib w/Stone	5%	2-4	\$33,700	LIFE	**	4	\$300
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
	Not Accessible	70%						
<hr/>								
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<hr/>								
	Surface							
	Brick Pavers	100%			2034	**	5	\$2,600
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Along Coping Isolated</i>						
		<i>Explanation : Settlement</i>						
<hr/>								
<b>Deck Elements</b>								
	Railing							
	Steel	80%			2024			\$176,700
		<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Corrosion</i>						
	Steel	20%	4+	\$8,800	2024			\$44,200
		<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : East And West End</i>						
		<i>Explanation : Corrosion</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FERRY POINT PARK REVETMENT MARSH / RIPRAP  
 Address : WESTCHESTER CREEK / EAST RIVER SCHLEY AVE TO EMERSON AVE  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : PARX126.000 / 715 Yr Built/Renovated :  
 Linear Ft : 9,100 Project Type : PARKS AND RECREATION  
 Date of Survey : 19-Jan-2016 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 5622 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$1,456,900	\$538,700
<b>Total</b>	<b>\$1,456,900</b>	<b>\$538,700</b>
Importance Code B	\$90,000	\$500,600
Importance Code C	\$1,366,800	\$38,100
<b>Total</b>	<b>\$1,456,900</b>	<b>\$538,700</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$19,200			
<b>Total</b>	<b>\$19,200</b>			
Importance Code A				
Importance Code B	\$19,200			
<b>Total</b>	<b>\$19,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FERRY POINT PARK REVETMENT MARSH / RIPRAP**  
**Asset # : 715**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	2%			LIFE	**	5	\$15,400
		<i>Other Observation, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : East End Of Park Next To Trump Golf Course</i>						
		<i>Explanation : Undermining Of The Abandoned Wall</i>						
	No Component	98%						
<b>Revetment</b>								
	Stone	20%	4+	\$1,366,800	LIFE	**	5	\$10,900
		<i>Erosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Erosion Of The Bank Throughout</i>						
		<i>Missing Part, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Stone Missing In Revetment Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Behind Rip Rap Below Bank, Throughout</i>						
		<i>Explanation : Scarping Of Bank</i>						
	Stone	50%			LIFE	**	5	\$27,200
	No Component	30%						
<b>Backfill</b>								
<b>Fill</b>								
	Topsoil	10%	Now	\$40,000	2067	**		
		<i>Erosion, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Along Bank Up To 2 Ft High Bank Throughout</i>						
	Not Accessible	90%						
<b>Surface</b>								
	Topsoil	10%	Now	\$50,100	2027	\$50,100	5	\$2,100
		<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Along Bank</i>						
		<i>Explanation : Moderate Scarping Of The Bank In The Marsh Area</i>						
	Topsoil	90%			2025	\$450,500	5	\$38,300

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING BAY MARINA PROMENADE RIP RAP  
**Address** : WEST OF PIER 3 TO LAGUARDIA  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ084.004 / 13543 **Yr Built/Renovated** :  
**Linear Ft** : 2,050 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 20000 **Lot** : 9999 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads		\$2,002,900
<b>Total</b>		<b>\$2,002,900</b>
Importance Code B		\$2,002,900
<b>Total</b>		<b>\$2,002,900</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$15,000	\$11,600		
<b>Total</b>	<b>\$15,000</b>	<b>\$11,600</b>		
Importance Code B	\$10,800	\$11,600		
Importance Code C	\$4,200			
<b>Total</b>	<b>\$15,000</b>	<b>\$11,600</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
FLUSHING BAY MARINA PROMENADE RIP RAP**

**Asset # : 13543**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb Stone	1%	Now	\$4,200	LIFE	**	5	
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : At Sta. 19+75</i>						
		<i>Explanation : Missing Stone Coping</i>						
	Stone	99%			LIFE	**	5	\$3,500
<b>Revetment</b>								
	Stone	100%			LIFE	**	5	\$12,300
		<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Heavy Vegetation</i>						
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt Pavers	99%			2036	**	5	\$23,200
		<i>Settlement, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
	Asphalt Pavers	1%	Now	\$10,800	2036	**	5	\$100
		<i>Settlement, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : At Sta. 0+60</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : At Sta. 0+33</i>						
		<i>Explanation : Missing Asphalt Pavers</i>						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	100%			2025	\$2,002,900		
		<i>Missing Coating, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Corrosion</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING BAY MARINA/PROMENADE RIP-RAP  
**Address** : BOAT RAMP TO PIER 1  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ084.001 / 759 **Yr Built/Renovated** :  
**Linear Ft** : 2,040 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 20000 **Lot** : 9999 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$222,900	\$1,993,200
<b>Total</b>	<b>\$222,900</b>	<b>\$1,993,200</b>
Importance Code A	\$167,100	
Importance Code B	\$55,800	\$1,993,200
<b>Total</b>	<b>\$222,900</b>	<b>\$1,993,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$49,300	\$10,500		
<b>Total</b>	<b>\$49,300</b>	<b>\$10,500</b>		
Importance Code A				
Importance Code B	\$36,800	\$10,500		
Importance Code C	\$12,500			
<b>Total</b>	<b>\$49,300</b>	<b>\$10,500</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING BAY MARINA/PROMENADE RIP-RAP**

**Asset # : 759**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Coping/Curb								
Stone	3%	Now	\$12,500	LIFE	**	5	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Locations</i>							
	<i>Explanation : Missing Stone Coping</i>							
Stone	97%			LIFE	**	5	\$3,400	
<b>Gravity Wall</b>								
Stone	8%	4+	\$167,100	LIFE	**	5	\$13,800	
	<i>Missing Block Seal, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Tidal Zone</i>							
No Component	92%							
<b>Revetment</b>								
Stone	100%			LIFE	**	5	\$12,200	
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	2%	2-4	\$9,000	2067	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : At Missing Paver Locations</i>							
	<i>Explanation : Settlement</i>							
Not Accessible	98%							
<b>Surface</b>								
Asphalt Pavers	90%			2036	**	5	\$21,000	
	<i>Settlement, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Isolated Throughout; Along Face</i>							
Asphalt Pavers	3%	Now	\$12,800	2036	**	5	\$300	
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Sta 0+46, 8+40 To 8+85, And 11+45 To 11+93 From East End</i>							
	<i>Explanation : Missing</i>							
Asphalt Pavers	7%	2-4	\$15,000	2036	**	5	\$800	
	<i>Settlement, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Sta. 8+40 To 8+80, 11+45 To 11+93, 13+76, And 14+65 To 15+10 From East End</i>							
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	80%			2025	\$1,594,500			
	<i>Corrosion, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Missing Coating, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Steel	8%	2-4	\$31,900	2025	\$159,500			
	<i>Corrosion, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Sta 2+62 To 2+91, 8+40 To 8+97, 11+45 To 11+93, And 14+65 To 15+24 From East End</i>							
Steel	12%	4+	\$23,900	2025	\$239,200			
	<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Isolated Locations</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING BAY MARINA/PROMENADE RIP-RAP  
**Address** : PIERS 2 AND 3  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ084.002 / 760 **Yr Built/Renovated** :  
**Linear Ft** : 2,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 20000 **Lot** : 9999 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$76,800	\$2,442,600
<b>Total</b>	<b>\$76,800</b>	<b>\$2,442,600</b>
Importance Code B		\$2,442,600
Importance Code C	\$76,800	
<b>Total</b>	<b>\$76,800</b>	<b>\$2,442,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$31,100	\$13,600		
<b>Total</b>	<b>\$31,100</b>	<b>\$13,600</b>		
Importance Code B	\$31,100	\$13,600		
Importance Code C				
<b>Total</b>	<b>\$31,100</b>	<b>\$13,600</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING BAY MARINA/PROMENADE RIP-RAP**

**Asset # : 760**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb Stone	3%	Now	\$76,800	LIFE	**	5	\$100
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Sta. 3+81 To 4+24, 6+10, 16+55 To 16+93, And 18+58 To 19+61 From East End</i>						
		<i>Explanation : Missing Stone Coping</i>						
	Stone	97%			LIFE	**	5	\$4,100
	Revetment Stone	100%			LIFE	**	5	\$15,000
		<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Heavy Vegetation</i>						
<b>Backfill</b>								
	Fill	Not Accessible 100%						
	Surface							
	Asphalt Pavers	95%			2036	**	5	\$27,100
		<i>Settlement, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
	Asphalt Pavers	5%	Now	\$26,200	2036	**	5	\$700
		<i>Settlement, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Sta 3+75, 16+25, 16+50 To 16+93, 18+10, 19+75, And 22+94 From South End</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Sta 3+81 To 4+24 And 5+78 To 6+18 From South End</i>						
		<i>Explanation : Missing Asphalt Pavers</i>						
<b>Deck Elements</b>								
	Railing							
	Steel	1%	Now	\$4,900	2025			\$24,400
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Sta 13+00 From South End</i>						
	Steel	99%			2025			\$2,418,200
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated At Base Plates Throughout</i>						
		<i>Missing Connections, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FLUSHING BAY PROMENADE BULKHEAD AND RETAINING WALL  
**Address** : BULKHEAD BEHIND PIER 1  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ084.003 / 13542 **Yr Built/Renovated** :  
**Linear Ft** : 843 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1769 **Lot** : 65 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$205,100	\$782,500
<b>Total</b>	<b>\$205,100</b>	<b>\$782,500</b>
Importance Code A	\$205,100	
Importance Code B		\$782,500
<b>Total</b>	<b>\$205,100</b>	<b>\$782,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$43,800	\$4,800		
<b>Total</b>	<b>\$43,800</b>	<b>\$4,800</b>		
Importance Code A	\$34,500			
Importance Code B	\$9,300	\$4,800		
Importance Code C				
<b>Total</b>	<b>\$43,800</b>	<b>\$4,800</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING BAY PROMENADE BULKHEAD AND RETAINING WALL**

**Asset # : 13542**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb Stone	100%			LIFE	**	5	\$1,400
				<i>Other Observation, Extent : Light, Area Affected : 10%</i>				
				<i>Location : At Sta. 8+25</i>				
				<i>Explanation : Missing Blocks</i>				
	Gravity Wall Stone	2%	4+	\$34,500	LIFE	**	5	\$1,400
				<i>Missing Block Seal, Extent : Moderate, Area Affected : 40%</i>				
				<i>Location : Tidal Zone</i>				
	No Component	98%						
<b>Sheet Piles</b>								
	Concrete Encased Steel	88%			LIFE	**		
	Steel	10%	2-4	\$205,100	LIFE	**		
				<i>Corrosion, Extent : Severe, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Severe, Area Affected : 10%</i>				
				<i>Location : Isolated Throughout</i>				
				<i>Explanation : Corrosion Holes</i>				
	No Component	2%						
<b>Backfill</b>								
	Fill							
	Topsoil	5%	Now	\$9,300	2067	**		
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Fill Loss Through Holes In Steel Sheets</i>				
	Not Accessible	95%						
<b>Surface</b>								
	Asphalt Pavers	100%			2036	**	5	\$9,600
				<i>Settlement, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Isolated Throughout</i>				
<b>Deck Elements</b>								
	Railing							
	Steel	95%			2025	\$782,500		
				<i>Corrosion, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Isolated At Base Plates</i>				
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT WASHINGTON PARK REVETMENT  
**Address** : HUDSON RIVER W 158TH ST TO INWOOD CANOE CLUB  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM028.000 / 771 **Yr Built/Renovated** :  
**Linear Ft** : 13,904 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2140 **Lot** : 2 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,666,500	\$782,700
<b>Total</b>	<b>\$2,666,500</b>	<b>\$782,700</b>
Importance Code B	\$160,500	\$703,600
Importance Code C	\$2,506,000	\$79,100
<b>Total</b>	<b>\$2,666,500</b>	<b>\$782,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$6,300			
<b>Total</b>	<b>\$6,300</b>			
Importance Code B	\$6,300			
<b>Total</b>	<b>\$6,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT WASHINGTON PARK REVETMENT**  
**Asset # : 771**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Revetment</b>								
Stone	15%	4+	\$1,566,300	LIFE	**	5	\$12,500	
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Of George Washington Bridge</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout South Of Bridge And Along Railroad Fenceline North Of Bridge</i>								
<i>Explanation : Insufficient Armor Stone</i>								
Stone	65%			LIFE	**	5	\$54,100	
Stone	15%	Now	\$939,800	LIFE	**	5	\$12,500	
<i>Settlement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Primarily South Of George Washington Bridge</i>								
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Insufficient Armor Stone</i>								
No Component	5%							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	15%	Now	\$91,600	2054	**			
<i>Erosion, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout At Areas Of Revetment Settlement</i>								
Not Accessible	85%							
<b>Surface</b>								
Asphalt	8%			2035	**	5	\$12,700	
Topsoil	77%			2024	\$588,900	5	\$50,100	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Primarily North Of George Washington Bridge</i>								
<i>Explanation : Heavy Vegetation</i>								
Topsoil	15%	Now	\$68,800	2024	\$114,700	5	\$4,900	
<i>Erosion, Extent : Severe, Area Affected : 80%</i>								
<i>Location : At Areas Of Revetment Settlement</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANCIS LEWIS PARK REVETMENT  
**Address** : EAST RIVER UNDER BRONX/WHITESTONE BRIDGE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ126.000 / 705 **Yr Built/Renovated** :  
**Linear Ft** : 918 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 4448 **Lot** : 110 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$152,700	\$42,900
<b>Total</b>	<b>\$152,700</b>	<b>\$42,900</b>
Importance Code A	\$83,700	
Importance Code B		\$42,900
Importance Code C	\$68,900	
<b>Total</b>	<b>\$152,700</b>	<b>\$42,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$5,400	\$1,800		
<b>Total</b>	<b>\$5,400</b>	<b>\$1,800</b>		
Importance Code B	\$3,000	\$1,800		
Importance Code C	\$2,400			
<b>Total</b>	<b>\$5,400</b>	<b>\$1,800</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANCIS LEWIS PARK REVETMENT**  
**Asset # : 705**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Concrete	15%	4+	\$2,400	LIFE	**	5	\$100
		<i>Cracking, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Large Crack At Midpoint Of Bulkhead</i>						
	No Component	85%						
<b>Revetment</b>								
	Stone	75%			LIFE	**	5	\$4,100
	Stone	10%	Now	\$68,900	LIFE	**	5	\$600
		<i>Missing Part, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : East Of Bulkhead</i>						
	No Component	15%						
<b>Sheet Piles</b>								
	Steel	15%	4+	\$83,700	LIFE	**		
		<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Missing Coating, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
	No Component	85%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<b>Surface</b>								
	Brick Pavers	15%			2044	**	5	\$1,600
	Topsoil	85%			2026	\$42,900	5	\$3,700
<b>Deck Elements</b>								
	Railing							
	Guard Rail	15%	4+	\$3,000	LIFE	**		
		<i>Corrosion, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
	No Component	85%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : GRAND FERRY PARK REVETMENT  
**Address** : EAST RIVER GRAND STREET AND RIVER STREET  
**Borough** : BROOKLYN **Agency's Number** : B401  
**Program / Asset #** : PAR0207.000 / 13952 **Yr Built/Renovated** :  
**Linear Ft** : 185 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2376 **Lot** : 5 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$43,400			
<b>Total</b>	<b>\$43,400</b>			
Importance Code A	\$30,500			
Importance Code B	\$12,900			
Importance Code C				
<b>Total</b>	<b>\$43,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**GRAND FERRY PARK REVETMENT**  
**Asset # : 13952**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Gravity Wall Concrete	10%	0-2	\$30,500	LIFE	**	5	\$100
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : North End Of Park</i>						
	Not Accessible	90%						
	Revetment Stone	100%			LIFE	**	5	\$1,100
Backfill	Fill Stone	10%	0-2	\$5,100	LIFE	**	5	
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Beneath Concrete Slab</i>						
	Not Accessible	90%						
	Surface Asphalt	90%			2035	**	5	\$1,900
	Concrete	10%	0-2	\$6,800	2041	**	5	\$100
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Undermining Of Entire Slab</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : GRAVITY RETAINING WALL / BULKHEAD  
**Address** : E 108TH TO NO. SIDE E 107TH HARLEM RIVER,SUB 3 OF ASSET TYPE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0173.000 / 13834 **Yr Built/Renovated** :  
**Linear Ft** : 230 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Dec-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1701 **Lot** : 49 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$105,500	\$224,700
<b>Total</b>	<b>\$105,500</b>	<b>\$224,700</b>
Importance Code A	\$105,500	
Importance Code B		\$224,700
<b>Total</b>	<b>\$105,500</b>	<b>\$224,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$16,600			\$1,300
<b>Total</b>	<b>\$16,600</b>			<b>\$1,300</b>
Importance Code A	\$16,600			
Importance Code B				\$1,300
<b>Total</b>	<b>\$16,600</b>			<b>\$1,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**GRAVITY RETAINING WALL / BULKHEAD**  
**Asset # : 13834**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Conc w/Stone Face	80%			LIFE	**	5	\$33,200
				<i>Cracking, Extent : Moderate, Area Affected : 40%</i>				
				<i>Location : Throughout - At Top Of Wall</i>				
				<i>Missing Block Seal, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout - Within Tidal Zone</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>				
				<i>Location : Throughout - At Top Of Wall</i>				
				<i>Explanation : Efflorescence</i>				
	Conc w/Stone Face	20%	2-4	\$105,500	LIFE	**	5	\$4,100
				<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>				
				<i>Location : Isolated In Top Of Concrete Face And Undermining Railing</i>				
				<i>Explanation : Chemical Deterioration Of Concrete</i>				
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Asphalt Pavers	100%			2038	**	5	\$2,600
<b>Deck Elements</b>								
	Railing							
	Steel	100%			2027			\$224,700
				<i>Missing Coating, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Isolated At Railing Base Plates</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : GRAVITY RETAINING WALL BULKHEAD  
**Address** : HIGHBRIDGE PK W 186 TO W 193 STS HARLEM RIVER,SUB 1 OF BL  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DBSR067.000 / 13811 **Yr Built/Renovated** :  
**Linear Ft** : 2,205 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Nov-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2149 **Lot** : 997 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$372,800	\$1,569,900
<b>Total</b>	<b>\$372,800</b>	<b>\$1,569,900</b>
Importance Code A	\$217,200	\$129,200
Importance Code B	\$109,300	\$1,440,700
Importance Code C	\$46,300	
<b>Total</b>	<b>\$372,800</b>	<b>\$1,569,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$7,300	\$8,400		
<b>Total</b>	<b>\$7,300</b>	<b>\$8,400</b>		
Importance Code A				
Importance Code B	\$7,300	\$8,400		
Importance Code C				
<b>Total</b>	<b>\$7,300</b>	<b>\$8,400</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**GRAVITY RETAINING WALL BULKHEAD**  
**Asset # : 13811**

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural	Coping/Curb							
	Concrete	10%	4+	\$46,300	LIFE	**	5	\$200
		<i>Broken, Extent : Moderate, Area Affected : 50%</i> <i>Location : 1,355 Feet And 2,025 Feet From The North And From 2,205 To 2,105 Feet From North</i> <i>Displaced Elements, Extent : Light, Area Affected : 15%</i> <i>Location : Trees Growing Beneath Coping Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 50%</i> <i>Location : Northern 830 Feet And 1,755 Feet To 2,205 Feet From The North</i> <i>Explanation : Loss Of Mortar Bedding And Joint Seal</i>						
	Concrete	90%			LIFE	**	5	\$1,900
		<i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : 1,975 Feet From The North</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout</i> <i>Explanation : Partial Loss Of Mortar Bedding</i>						
Gravity Wall	Conc w/Stone Face	55%			LIFE	**	5	\$109,300
		<i>Cracking, Extent : Light, Area Affected : 5%</i> <i>Location : Throughout In Concrete Section</i> <i>Erosion, Extent : Light, Area Affected : 70%</i> <i>Location : Scaling / Erosion In Upper 10 Feet Of Concrete Wall</i>						
	Conc w/Stone Face	10%	4+	\$126,400	LIFE	**	5	\$19,900
		<i>Broken, Extent : Severe, Area Affected : 25%</i> <i>Location : Stone Panels Located 895 Feet, 1,365 Feet, 1,375 Feet To 1,385 Feet, And 1,940 Feet</i> <i>Cracking, Extent : Moderate, Area Affected : 5%</i> <i>Location : Located 955 Feet, 1,405 Feet, And 1,525 Feet From The North</i> <i>Displaced Elements, Extent : Moderate, Area Affected : 10%</i> <i>Location : At Joints Located At 842 Feet And 2,105 Feet From The North</i> <i>Erosion, Extent : Moderate, Area Affected : 5%</i> <i>Location : Between 1,560 Feet And 1,740 Feet From The South And At 1,650 Feet, 2,200 Feet, And 2,145 Feet From The North</i> <i>Missing Part, Extent : Severe, Area Affected : 20%</i> <i>Location : At Stone Panels Located At 2,120 Feet To 2,145 Feet, 2,055 Feet, 2,015 Feet To 2,025 Feet, 1,530 Feet, 1,400 Feet, And 1,365 Feet From The North</i> <i>Not Plumb, Extent : Moderate, Area Affected : 100%</i> <i>Location : Wall Leaning East +/- 1 Inch Located Between 1,025 Feet And 1,366 Feet</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : At 1,650 Feet, 2,200 Feet, And 2,145 Feet From The North</i>						
	Concrete	30%			LIFE	**	5	\$2,700
		<i>Cracking, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout In Top 4 Feet Of Concrete And In Concrete Facing Station 13+50 To 22+10</i> <i>Erosion, Extent : Light, Area Affected : 5%</i> <i>Location : Erosion/ Scaling Throughout In Top 4 Feet Of Concrete</i>						
	Concrete	5%	4+	\$90,800	LIFE	**	5	\$400
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**GRAVITY RETAINING WALL BULKHEAD**  
**Asset # : 13811**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Gravity Wall Concrete	5%	4+	\$90,800	LIFE	**	5	\$400
<i>Location : At Joints Station Located Between 435 Feet And 565 Feet And At 6,15 Feet, And 730 Feet From The North</i>								
Backfill	Fill							
	Topsoil	2%	Now	\$4,800	2056	**		
<i>Sinkhole, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Located At 1,089 Feet, 1,110 Feet, 1,414 Feet, 1,670 Feet From The North, And Various Small Sinkholes Throughout</i>								
	Not Accessible	98%						
Surface	Asphalt	45%			2031	**	5	\$11,300
<i>Cracking, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
	Topsoil	2%	Now	\$2,400	2028	\$2,400	5	\$100
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Located 980 Feet, 1,089 Feet, 1,110 Feet, 1,220 Feet To 1,283 Feet, 1,414 Feet, 1,670 Feet, 1,858 Feet To 1,875 Feet From The North</i>								
<i>Explanation : Sinkholes</i>								
	Topsoil	53%			2026	\$64,300	5	\$5,500
Deck Elements	Parapet							
	Concrete	2%	Now	\$9,900	2032	**		
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Broken Rail Top At 81 Feet, 835 Feet, 945 Feet, 1,069 Feet, 1,227 Feet, And 1,466 Feet From The North</i>								
<i>Missing Part, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Missing Parapet Rail Top At 0+34 And 0+52</i>								
	Concrete	83%			2026	\$1,374,000		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Atop Coping And Throughout</i>								
<i>Explanation : Deteriorated Mortar Bedding</i>								
	Concrete	15%	4+	\$99,300	2032	**		
<i>Not Plumb, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Located Between 1,800 Feet And 2,125 Feet From The North</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : GRAVITY WALL & REVETMENT AT DYCKMAN MARINA RESTAURANT  
**Address** : SOUTH SIDE OF FISHING PIER TO BOAT LAUNCH RAMP  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0159.001 / 13697 **Yr Built/Renovated** :  
**Linear Ft** : 340 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$377,300	\$83,000
<b>Total</b>	<b>\$377,300</b>	<b>\$83,000</b>
Importance Code A	\$280,000	
Importance Code B	\$39,900	\$83,000
Importance Code C	\$57,500	
<b>Total</b>	<b>\$377,300</b>	<b>\$83,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$23,900		\$1,200	
<b>Total</b>	<b>\$23,900</b>		<b>\$1,200</b>	
Importance Code A				
Importance Code B	\$23,900		\$1,200	
Importance Code C				
<b>Total</b>	<b>\$23,900</b>		<b>\$1,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**GRAVITY WALL & REVETMENT AT DYCKMAN MARINA RESTAURANT**  
**Asset # : 13697**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall Concrete	25%	2-4	\$280,000	LIFE	**	5	\$300
<i>Displaced Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Evidence Of Settlement In Outfall Structure</i>								
<i>Erosion, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Vertical Joints And In Tidal Zone At Stone Foundation</i>								
<i>Missing Part, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Void In Soffit Of Outfall</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Tidal Zone</i>								
No Component		75%						
<b>Revetment</b>								
	Stone	75%	4+	\$57,500	LIFE	**	5	\$1,500
<i>Missing Part, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout. Top Of Revetment Is Lower Than Deck Surface</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North End And Isolated Throughout</i>								
<i>Explanation : Steep Slope</i>								
No Component		25%						
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible		100%						
<b>Surface</b>								
	Asphalt Pavers	20%			2037	**	5	\$800
	Brick Pavers	20%			2044	**	5	\$800
	Brick Pavers	5%	4+	\$3,900	2050	**	5	\$100
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Offshore Edge Along Southern 70 Feet</i>								
<i>Explanation : Settlement</i>								
	Concrete	40%			2037	**	5	\$1,600
Not Accessible		15%						
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	25%			2026			\$83,000
	Timber	75%	4+	\$19,900	2022			\$39,900
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Isolated Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HARLEM RIVER DRIVE PROMENADE SEAWALL  
**Address** : RFK BRIDGE TO 3RD AVE BRIDGE E 125TH ST TO E 130TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM039.001 / 772 **Yr Built/Renovated** :  
**Linear Ft** : 2,538 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1813 **Lot** : 40 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,726,700	\$477,300
<b>Total</b>	<b>\$2,726,700</b>	<b>\$477,300</b>
Importance Code A	\$1,777,800	\$187,100
Importance Code B	\$948,900	\$290,200
<b>Total</b>	<b>\$2,726,700</b>	<b>\$477,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$27,900	\$100		
<b>Total</b>	<b>\$27,900</b>	<b>\$100</b>		
Importance Code A				
Importance Code B	\$27,900	\$100		
<b>Total</b>	<b>\$27,900</b>	<b>\$100</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**

**Asset # : 772**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Gravity Wall								
Stone	4%			LIFE	**	5	\$8,600	
No Component	96%							
Pile Supported Wall								
Conc w/Stone Face	12%	4+	\$1,777,800	LIFE	**	5	\$24,400	
			<i>Cracking, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout Stone Face And Concrete Top</i>					
Conc w/Stone Face	80%			LIFE	**	5	\$162,700	
			<i>Cracking, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
No Component	8%							
Piles and Bracing								
Not Accessible	100%							
Sheet Piles								
Steel	4%			LIFE	**			
No Component	96%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
Surface								
Topsoil	20%	0-2	\$27,900	2024	\$27,900	5	\$1,200	
			<i>Settlement, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Sinkholes 560 Feet And 775 Feet From RFK Bridge</i>					
Under Construction	80%							
<b>Fender</b>								
Piles								
Timber	100%	Now	\$488,000	2041	**	4	\$60,800	1
			<i>Missing Part, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Wales and Chocks								
Timber	100%	Now	\$460,900	2041	**	4	\$137,700	
			<i>Missing Part, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
<b>Deck Elements</b>								
Railing								
Fencing	30%			2027	\$42,200	3	\$300	
Steel	10%			2025	\$248,000			
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.

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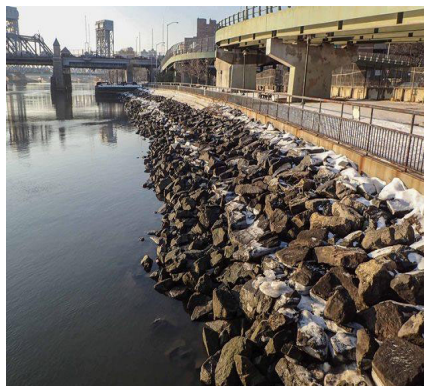
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HARLEM RIVER DRIVE PROMENADE SEAWALL  
**Address** : 3RD AVE BRIDGE TO 145 ST BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM039.002 / 773 **Yr Built/Renovated** :  
**Linear Ft** : 4,723 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1782 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,009,400	\$3,416,100
<b>Total</b>	<b>\$2,009,400</b>	<b>\$3,416,100</b>
Importance Code A	\$1,062,500	
Importance Code B	\$946,800	\$3,416,100
<b>Total</b>	<b>\$2,009,400</b>	<b>\$3,416,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$120,500	\$200		\$18,900
<b>Total</b>	<b>\$120,500</b>	<b>\$200</b>		<b>\$18,900</b>
Importance Code A	\$3,000			\$100
Importance Code B	\$112,400	\$200		\$18,800
Importance Code C	\$5,100			
<b>Total</b>	<b>\$120,500</b>	<b>\$200</b>		<b>\$18,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**

**Asset # : 773**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top								
Concrete/Stone	55%	4+	\$275,100	LIFE		**		
			<i>Missing Block Seal, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Throughout All Block Joints</i>					
Concrete/Stone	5%	2-4	\$500,200	LIFE		**		
			<i>Excess Deflection, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : From 2541 Feet To 2822 Feet From North, Between Madison Avenue And Park Avenue Bridges</i>					
No Component	40%							
<b>Gravity Wall</b>								
Concrete	15%			LIFE		**	5-10	\$5,700
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Northern 255 Feet, 672 Feet To 996 Feet, 1480 Feet To 1543 Feet, And 1909 Feet To 1950 Feet From The North</i>					
Stone Gabion	10%			LIFE		**	3	\$600
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 996 Feet To 1460 Feet From The North</i>					
			<i>Explanation : Vegetation</i>					
No Component	70%							
Not Accessible	5%							
<b>Piles and Bracing</b>								
No Component	50%							
Not Accessible	50%							
<b>Revetment</b>								
Stone	18%			LIFE		**	5	\$10,200
No Component	82%							
<b>Sheet Piles</b>								
Steel	1%	2-4	\$287,200	LIFE		**		
			<i>Corrosion, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : 3420 Feet To 3750 Feet From North At The Mean Low Water Elevation</i>					
No Component	94%							
Not Accessible	5%							
<b>Pile Caps</b>								
No Component	50%							
Not Accessible	50%							
<b>Backfill</b>								
<b>Fill</b>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**

**Asset # : 773**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Backfill</b>								
Surface								
Asphalt	30%			2038	**	5	\$16,200	
Asphalt Pavers	32%	4+	\$31,700	2038	**	5	\$8,600	
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2,620 Feet And 2,802 Feet From The North</i>								
Concrete	3%			2038	**	5	\$1,600	
Topsoil	30%	4+	\$15,600	2027	\$77,900	5	\$3,300	
<i>Sinkhole, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 106 Feet And 1,480 Feet From The North</i>								
Topsoil	2%	Now	\$5,200	2029	\$5,200	5	\$200	
<i>Settlement, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Sinkholes And Settlement At 3692 Feet And 4000 Feet From North</i>								
Not Accessible	3%							
<b>Fender</b>								
Facing								
Composite	10%			2027	\$56,600			
Timber	15%			2038	**	3	\$37,100	
Timber	1%	Now	\$34,000	2042	**	3	\$1,900	
<i>Broken, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Top Portion At 270 Feet And 690 Feet From North</i>								
No Component	74%							
<b>Piles</b>								
Composite	10%	4+	\$68,700	2055	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout At Gabion Wall</i>								
<i>Explanation : Loose Piles Due To Missing Wales And Chocks</i>								
Timber	40%	Now	\$424,100	2044	**	4	\$45,200	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
No Component	50%							
<b>Wales and Chocks</b>								
Composite	10%	Now	\$111,000	2049	**			
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Failed Connections Throughout At Gabion Wall</i>								
Composite	6%			2042	**			
Timber	40%	Now	\$343,100	2042	**	4	\$102,500	
<i>Broken, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Throughout</i>								
<i>Missing Part, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Throughout</i>								
<i>Rotting/Splitting, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Throughout</i>								
No Component	44%							
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**

**Asset # : 773**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Deck Elements								
Railing								
	Fencing	25%			2030	**	3	\$500
	Plastic	2%	Now	\$7,400	2024	\$14,800		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : In Tidal Zone Above Gabion Wall From 1125 Feet To 1300 Feet From North</i>								
<i>Explanation : Loose And Missing Rails</i>								
	Steel	70%			2027	\$3,230,200		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
	Steel	1%	Now	\$9,200	2029	\$46,100		
<i>Broken, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 670 Feet, 1,115 Feet, 1,250 Feet, 2,155 Feet, 3,268 Feet, And 3,660 Feet From North</i>								
	No Component	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HERMAN A. MACNEIL PARK GRAVITY WALL/REVETMENT  
**Address** : EAST RIVER POPPENHUSEN AVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ009.000 / 757 **Yr Built/Renovated** :  
**Linear Ft** : 2,748 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3194 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$3,235,700	\$2,828,000
<b>Total</b>	<b>\$3,235,700</b>	<b>\$2,828,000</b>
Importance Code A	\$2,469,100	\$93,200
Importance Code B	\$395,100	\$2,734,800
Importance Code C	\$371,500	
<b>Total</b>	<b>\$3,235,700</b>	<b>\$2,828,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$47,500		\$2,200	\$6,300
<b>Total</b>	<b>\$47,500</b>		<b>\$2,200</b>	<b>\$6,300</b>
Importance Code A	\$3,000		\$2,200	
Importance Code B	\$30,200			\$6,300
Importance Code C	\$14,300			
<b>Total</b>	<b>\$47,500</b>		<b>\$2,200</b>	<b>\$6,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HERMAN A. MACNEIL PARK GRAVITY WALL/REVTMENT**  
**Asset # : 757**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Coping/Curb							
	Concrete	45%			LIFE	**	5-10	\$2,300
				<i>Spalling, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : Isolated Throughout</i>				
	No Component	55%						
Gravity Wall	Concrete	25%			LIFE	**	5-10	\$5,600
	Concrete	10%	Now	\$678,800	LIFE	**	5	\$1,100
				<i>Missing Part, Extent : Severe, Area Affected : 25%</i>				
				<i>Location : 500 Feet To 555 Feet And 625 Feet To 630 Feet From The North</i>				
				<i>Other Observation, Extent : Light, Area Affected : 75%</i>				
				<i>Location : Isolated Throughout</i>				
				<i>Explanation : Undermining/ Loss Of Support</i>				
	Concrete	25%	Now	\$1,697,100	LIFE	**	5	\$2,800
				<i>Other Observation, Extent : Severe, Area Affected : 75%</i>				
				<i>Location : Throughout The Length Of The Asset</i>				
				<i>Explanation : Broken, Tilting, Cracking</i>				
	Stone	40%			LIFE	**	5	\$186,300
				<i>Displaced Elements, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Isolated Locations From 50 Feet To 1,183 Feet From The North</i>				
Revetment	Stone	18%	4+	\$371,500	LIFE	**	5	\$3,000
				<i>Other Observation, Extent : Light, Area Affected : 75%</i>				
				<i>Location : Isolated Throughout</i>				
				<i>Explanation : Inadequate Armor Stone</i>				
	Stone	80%			LIFE	**	5	\$26,300
	Under Construction	2%						
Backfill	Fill							
	Topsoil	5%	Now	\$30,200	2069	**		
				<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : At Areas Of Undermining And Displacement Of Wall</i>				
				<i>Explanation : Fill Loss/ Erosion</i>				
	Not Accessible	95%						
Surface	Asphalt	40%			2038	**	5	\$12,500
				<i>Cracking, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
	Asphalt	25%	Now	\$63,300	2044	**	5	\$3,900
				<i>Settlement, Extent : Severe, Area Affected : 60%</i>				
				<i>Location : Within Fenced Off, Closed Area Of The Walkway From 1251 Feet To 1887 Feet From The North</i>				
	Topsoil	33%	4+	\$49,900	2029	\$49,900	5	\$2,100
				<i>Settlement, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Adjacent To Stone Wall From 50 Feet To 975 Feet From The North</i>				
	Under Construction	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.



**DEPT. OF PARKS & RECREATION - 846**  
**HERMAN A. MACNEIL PARK GRAVITY WALL/REVTMENT**

**Asset # : 757**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	Railing							
	Steel	95%	2-4	\$255,100	2029	\$2,550,700		
		<i>Broken, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Loose And Corroded Fence Posts Located Throughout The Length Of The Asset</i>						
	Steel	5%	Now	\$26,800	2029	\$134,200		
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Loose/missing Section Of Fencing From 95 Feet To 155 Feet From The North</i>						
<b>Electrical</b>								
	Lighting Fixture							
	Incandescent	90%			2022	\$2,200		
	Incandescent	10%	Now	\$200	2024	\$200		
		<i>Broken, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Broken Lamp</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK REVETMENT  
**Address** : HUDSON RIVER, INDIAN RD AND 218 TO DYCKMAN STREET PIER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM042.000 / 774 **Yr Built/Renovated** :  
**Linear Ft** : 9,925 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2255 **Lot** : 2000 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$740,100	\$1,993,500
<b>Total</b>	<b>\$740,100</b>	<b>\$1,993,500</b>
Importance Code A	\$163,500	
Importance Code B	\$263,600	\$1,945,900
Importance Code C	\$313,100	\$47,500
<b>Total</b>	<b>\$740,100</b>	<b>\$1,993,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$5,700			
<b>Total</b>	<b>\$5,700</b>			
Importance Code A				
Importance Code B	\$5,700			
<b>Total</b>	<b>\$5,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK REVETMENT**  
**Asset # : 774**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Gravity Wall Concrete	2%	4+	\$163,500	LIFE	**	5	\$800
				<i>Cracking, Extent : Light, Area Affected : 10%</i>				
				<i>Location : In Concrete Curb At Top Of Wall</i>				
				<i>Erosion, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : In Tidal Zone Station 14+40 To 18+00 In Front Of Nature Center (From North) At The Inwood Hill Boat Dock</i>				
				<i>Other Observation, Extent : Severe, Area Affected : 5%</i>				
				<i>Location : At North Corner And At Vertical Joints Throughout And Face East Of Nature Center</i>				
				<i>Explanation : Surface Erosion</i>				
	No Component	98%						
Revetment	Stone	5%	4+	\$223,600	LIFE	**	5	\$3,000
				<i>Settlement, Extent : Severe, Area Affected : 60%</i>				
				<i>Location : At Station 4+80 To 5+40, Asset Start At W218th Street, And Isolated Throughout East Of Bridge</i>				
	Stone	2%	0-2	\$89,400	LIFE	**	5	\$1,200
				<i>Settlement, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Station 6+50 To 8+50 West Of Asset Start At W218th Street And Indian Rd</i>				
	Stone	73%			LIFE	**	5	\$43,400
	No Component	20%						
				<i>Other Observation, Extent : Light, Area Affected : 0%</i>				
				<i>Location : West Of Henry Hudson Bridge</i>				
				<i>Explanation : Natural Shoreline</i>				
Backfill	Fill							
	Topsoil	5%	4+	\$109,000	2066	**		
				<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>				
				<i>Location : At Station 4+80 To 5+40, Asset Start At W218th Street, And Isolated Throughout East Of Bridge</i>				
				<i>Explanation : Fill Loss And Erosion</i>				
	Topsoil	2%	0-2	\$43,600	2066	**		
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Station 6+50t To 8+50 West Of Asset Start At W218th Street And Indian Rd</i>				
	Not Accessible	93%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK REVETMENT**  
**Asset # : 774**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Backfill</b>								
<b>Surface</b>								
Asphalt	10%			2035	**	5	\$11,300	
<i>Worn, Extent : Light, Area Affected : 100%</i>								
<i>Location : Along Cove And West Of The Nature Center</i>								
Topsoil	83%			2024	\$453,100	5	\$38,500	
Topsoil	5%	4+	\$27,300	2026	\$27,300	5	\$1,200	
<i>Erosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Above Revetment At Areas Of Settlement Or Insufficient Armoring</i>								
Topsoil	2%	0-2	\$10,900	2026	\$10,900	5	\$500	
<i>Settlement, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Northwest Corner Of Bakers Field Cove At Station 6+50 To 8+50, With Asset Start At W218th Street</i>								
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	15%	4+	\$72,700	2024	\$1,454,600			
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Along Cove In Front Of And West Of Nature Center</i>								
No Component	85%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISLAND AND BASIN SHORE RIP-RAP SHORELINE  
**Address** : ISLAND AND BASIN SHORE W SIDE BET N OF WARDS AND S OF RANDALLS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.080 / 13864 **Yr Built/Renovated** :  
**Linear Ft** : 2,215 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$121,800
<b>Total</b>		<b>\$121,800</b>
Importance Code B		\$121,800
<b>Total</b>		<b>\$121,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$13,300		\$5,200	
<b>Total</b>	<b>\$13,300</b>		<b>\$5,200</b>	
Importance Code B			\$5,200	
Importance Code C	\$13,300			
<b>Total</b>	<b>\$13,300</b>		<b>\$5,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ISLAND AND BASIN SHORE RIP-RAP SHORELINE**

**Asset # : 13864**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Revetment Stone	100%			LIFE	**	5	\$26,500
<i>Recent Repair Evident, Extent : Light, Area Affected : 2%</i> <i>Location : Beneath Pedestrian Bridge</i> <i>Other Observation, Extent : Light, Area Affected : 75%</i> <i>Location : Majority Of Basin</i> <i>Explanation : Combination Of Riprap And Natural Shoreline</i>								
Backfill	Fill							
	Not Accessible	100%						
Surface	Topsoil	100%			2027	\$121,800	5	\$10,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Natural Shoreline</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : KAYAK AND BOAT LAUNCH RAMP WITHIN ASSET 13501  
**Address** : W 59TH STREET @ SOUTH RIVERSIDE PARK  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DGS0046.030 / 14732 **Yr Built/Renovated** :  
**Linear Ft** : 175 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Jul-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1171 **Lot** : 100 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$15,400		\$1,000	
<b>Total</b>	<b>\$15,400</b>		<b>\$1,000</b>	
Importance Code A				
Importance Code B	\$15,400		\$1,000	
Importance Code C				
<b>Total</b>	<b>\$15,400</b>		<b>\$1,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**KAYAK AND BOAT LAUNCH RAMP WITHIN ASSET 13501**

**Asset # : 14732**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Concrete	100%			LIFE	**	5	\$200
	Piles and Bracing							
	Concrete	15%			LIFE	**	5	\$200
	No Component	40%						
	Not Accessible	45%						
	Pile Caps							
	Steel	60%			2029	\$1,900	5	\$800
				<i>Corrosion, Extent : Light, Area Affected : 100%</i>				
				<i>Location : On Steel Girders That Support The Precast Deck Panels</i>				
	No Component	40%						
<b>Backfill</b>								
	Fill							
	Topsoil	40%	Now	\$15,400	2068	**		
				<i>Erosion, Extent : Severe, Area Affected : 12%</i>				
				<i>Location : Undermining On South Side Of Slab On Grade; Up To 3 Feet Deep</i>				
	No Component	60%						
	Surface							
	Concrete	100%			2037	**	5	\$2,000
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Precast Deck Planks With Isolated Connection-covering Grout Pockets Missing</i>				
				<i>Explanation : Displaced Elements</i>				
<b>Fender</b>								
	Piles							
	Composite	80%			2048	**		
	Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LEIF ERICSON DRIVE GRAVITY WALL AND REVETMENT  
**Address** : S. SIDE OF VERRAZANO-NARROWS BRIDGE TO 21ST AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB166.000 / 902 **Yr Built/Renovated** :  
**Linear Ft** : 10,280 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6418 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,570,800	\$6,431,900
<b>Total</b>	<b>\$2,570,800</b>	<b>\$6,431,900</b>
Importance Code A	\$2,004,400	\$787,500
Importance Code B	\$334,900	\$5,582,900
Importance Code C	\$231,600	\$61,500
<b>Total</b>	<b>\$2,570,800</b>	<b>\$6,431,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads				
<b>Total</b>				
Importance Code A				
Importance Code C				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**LEIF ERICSON DRIVE GRAVITY WALL AND REVETMENT**  
**Asset # : 902**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	<b>Coping/Curb</b>							
	Concrete	5%			LIFE	**	5	\$500
	Stone	95%			LIFE	**	5	\$16,600
		<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Explanation : Cracking And Grout Loss</i>						
<hr/>								
	<b>Gravity Wall</b>							
	Conc w/Stone Face	85%	4+	\$2,004,400	LIFE	**	5	\$787,500
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
		<i>Displaced Elements, Extent : Moderate, Area Affected : 1%</i>						
		<i>Location : Isolated Missing Stone Facing Throughout</i>						
		<i>Missing Block Seal, Extent : Severe, Area Affected : 95%</i>						
		<i>Location : Throughout</i>						
	Concrete	15%			LIFE	**	5	\$6,200
		<i>Erosion, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Throughout The Tidal Zone</i>						
<hr/>								
	<b>Revetment</b>							
	Stone	95%			LIFE	**	5	\$58,500
	Stone	5%	4+	\$231,600	LIFE	**	5	\$3,100
		<i>Missing Part, Extent : Moderate, Area Affected : 75%</i>						
		<i>Location : Isolated Areas Where Toe Of Wall Is Exposed</i>						
<hr/>								
<b>Backfill</b>								
	<b>Surface</b>							
	Asphalt	100%			2036	**	5	\$117,300
		<i>Cracking, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : Throughout Southern Half</i>						
		<i>Settlement, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
<hr/>								
<b>Deck Elements</b>								
	<b>Railing</b>							
	Steel	55%	4+	\$276,200	2025	\$5,524,200		
		<i>Corrosion, Extent : Light, Area Affected : 15%</i>						
		<i>Location : At Base Of Posts</i>						
		<i>Missing Part, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Post Grout Pockets Throughout</i>						
	No Component	45%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LEON KAISER PARK REVETMENT  
**Address** : CONEY ISLAND CREEK FROM W25TH ST TO W31ST STREET.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB129.001 / 2722 **Yr Built/Renovated** :  
**Linear Ft** : 1,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6965 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$63,100	
<b>Total</b>	<b>\$63,100</b>	
Importance Code C	\$63,100	
<b>Total</b>	<b>\$63,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$1,000	\$8,000		
<b>Total</b>	<b>\$1,000</b>	<b>\$8,000</b>		
Importance Code A				
Importance Code B	\$1,000	\$8,000		
Importance Code C				
<b>Total</b>	<b>\$1,000</b>	<b>\$8,000</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**LEON KAISER PARK REVETMENT**  
**Asset # : 2722**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	5%			LIFE	**	5	\$300
	No Component	95%						
<hr/>								
	Revetment							
	Stone	90%			LIFE	**	5	\$7,500
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Along Top Of Revetment</i>						
		<i>Explanation : Heavy Vegetation</i>						
	Stone	10%	4+	\$63,100	LIFE	**	5	\$800
		<i>Missing Part, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Missing Stone At Isolated Locations</i>						
<hr/>								
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<hr/>								
	Surface							
	Asphalt	100%			2036	**	5	\$16,000
		<i>Cracking, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout And Particularly At West End</i>						
		<i>Settlement, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
<hr/>								
<b>Deck Elements</b>								
	Railing							
	Fencing	10%			2028	\$7,800	3	\$100
	Guard Rail	89%			LIFE	**		
	Guard Rail	1%	Now	\$1,000	LIFE	**		
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At East End</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

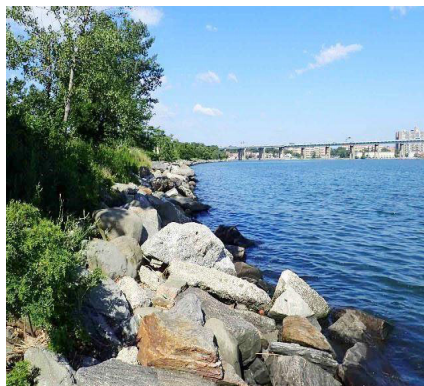
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LITTLE BAY PK/CLEARVIEW BEACH REVETMENT  
**Address** : LITTLE BAY PK/CLEARVIEW BEACH WEST/ EAST OF THROGS NECK BRIDGE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ10A.000 / 704 **Yr Built/Renovated** :  
**Linear Ft** : 4,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5907 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$299,600	\$196,400
<b>Total</b>	<b>\$299,600</b>	<b>\$196,400</b>
Importance Code B		\$196,400
Importance Code C	\$299,600	
<b>Total</b>	<b>\$299,600</b>	<b>\$196,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$32,300	\$7,500	\$1,600	\$100
<b>Total</b>	<b>\$32,300</b>	<b>\$7,500</b>	<b>\$1,600</b>	<b>\$100</b>
Importance Code B	\$32,300	\$7,500	\$1,600	\$100
Importance Code C				
<b>Total</b>	<b>\$32,300</b>	<b>\$7,500</b>	<b>\$1,600</b>	<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**LITTLE BAY PK/CLEARVIEW BEACH REVETMENT**

**Asset # : 704**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Revetment</b>								
Stone	65%	4+	\$205,000	LIFE	**	5	\$16,300	
<i>Missing Part, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout. Top Of Revetment Is Lower Than Surface Grade</i>								
Stone	5%	0-2	\$94,600	LIFE	**	5	\$1,300	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Various Isolated Locations Throughout The Asset Length</i>								
Stone	5%			LIFE	**	5	\$1,300	
No Component	25%							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	10%	Now	\$18,500	2068	**			
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Areas Of Displaced Revetment</i>								
Not Accessible	90%							
<b>Surface</b>								
Asphalt	5%			2037	**	5	\$2,400	
Sand	10%			2037	**	2-5	\$1,300	
Topsoil	75%			2026	\$173,300	5	\$14,700	
Topsoil	10%	Now	\$13,900	2028	\$23,100	5	\$1,000	
<i>Erosion, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Just Above Revetment Throughout</i>								
<b>Protective Structure</b>								
<b>Breakwater</b>								
Stone	15%			LIFE	**	5		
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD  
**Address** : NO. SIDE E 107TH TO E 106TH SUB 2 OF BL, SUB 1 OF ASSET TYPE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0174.000 / 13835 **Yr Built/Renovated** :  
**Linear Ft** : 340 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Dec-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1700 **Lot** : 58 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$216,000	\$332,200
<b>Total</b>	<b>\$216,000</b>	<b>\$332,200</b>
Importance Code A	\$216,000	
Importance Code B		\$332,200
<b>Total</b>	<b>\$216,000</b>	<b>\$332,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$36,800			\$1,700
<b>Total</b>	<b>\$36,800</b>			<b>\$1,700</b>
Importance Code B	\$36,800			\$1,700
<b>Total</b>	<b>\$36,800</b>			<b>\$1,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD**  
**Asset # : 13835**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top Concrete/Stone	70%			LIFE	**	10		
		<i>Cracking, Extent : Moderate, Area Affected : 50%</i> <i>Location : Offshore Concrete Face With Efflorescence</i>						
Concrete/Stone	30%	2-4	\$216,000	LIFE	**			
		<i>Spalling, Extent : Severe, Area Affected : 50%</i> <i>Location : Full Length Top Of Wall; Undermining Railing In Multiple Locations</i> <i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Concrete Above Stone Face</i> <i>Explanation : Chemical Deterioration Of Concrete</i>						
Piles and Bracing Not Accessible	100%							
Pile Caps Not Accessible	100%							
<b>Backfill</b>								
Fill Not Accessible	100%							
<b>Surface</b>								
Asphalt Pavers	90%			2038	**	5	\$3,500	
Asphalt Pavers	10%	4+	\$3,600	2042	**	5	\$200	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i> <i>Location : North End Of Asset Near Pier 107 And 62 Feet South Of Pier 107</i> <i>Explanation : Upheave</i>						
<b>Deck Elements</b>								
Railing Steel	90%			2027			\$299,000	
		<i>Missing Coating, Extent : Light, Area Affected : 5%</i> <i>Location : Throughout And At Baseplates</i>						
Steel	10%	Now	\$33,200	2029			\$33,200	
		<i>Corrosion, Extent : Severe, Area Affected : 100%</i> <i>Location : 30 Feet Section Immediately South Of Pier 107</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MANHATTAN BEACH PARK GRAVITY WALL AND BEACH  
**Address** : OCEAN AVE TO LANGHAM ST.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0129.000 / 13505 **Yr Built/Renovated** :  
**Linear Ft** : 1,740 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8760 **Lot** : 485 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$340,000
<b>Total</b>		<b>\$340,000</b>
Importance Code B		\$340,000
<b>Total</b>		<b>\$340,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$34,000	\$3,600		\$300
<b>Total</b>	<b>\$34,000</b>	<b>\$3,600</b>		<b>\$300</b>
Importance Code A				
Importance Code B	\$34,000	\$3,600		\$300
Importance Code C				
<b>Total</b>	<b>\$34,000</b>	<b>\$3,600</b>		<b>\$300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK GRAVITY WALL AND BEACH**

**Asset # : 13505**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	25%			LIFE	**	5	\$1,800
		<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At East End</i>						
	No Component	75%						
<b>Revetment</b>								
	Stone	45%			LIFE	**	5	\$4,700
	No Component	55%						
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	2%			2041	**	5	\$400
		<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At East End</i>						
	Concrete	18%			2041	**	5	\$3,600
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At East End</i>						
	Sand	80%			2041	**	2-5	\$4,300
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	2%	Now	\$34,000	2028			\$34,000
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At Eastern 15 Feet</i>						
	Steel	18%			2027			\$306,000
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At East End</i>						
	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARINE PARK SALT MARSH NATURE CENTER REVETMENT  
**Address** : MARINE PARK CREEK 3301 AVENUE U  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0211.000 / 13968 **Yr Built/Renovated** :  
**Linear Ft** : 397 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8590 **Lot** : 600 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$77,600
<b>Total</b>		<b>\$77,600</b>
Importance Code B		\$77,600
<b>Total</b>		<b>\$77,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$19,000	\$18,700		
<b>Total</b>	<b>\$19,000</b>	<b>\$18,700</b>		
Importance Code B	\$19,000	\$18,700		
Importance Code C				
<b>Total</b>	<b>\$19,000</b>	<b>\$18,700</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK SALT MARSH NATURE CENTER REVETMENT**  
**Asset # : 13968**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	100%			LIFE	**	5	\$2,400	
<b>Backfill</b>								
Fill								
Not Accessible	100%							
<b>Surface</b>								
Gravel	40%			2035	**	2-5	\$500	
Stone	30%			2039	**	10		
Topsoil	20%			2025	\$4,400	5	\$400	
Not Accessible	10%							
<b>Deck Elements</b>								
Railing								
Steel	20%			2024	\$77,600			
		<i>Corrosion, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Along Road</i>						
Timber	30%	0-2	\$18,600	2021	\$18,600			
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : East Of The Nature Center</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : East Of The Nature Center</i>						
		<i>Explanation : Temporary Fence Covering Timber Rail</i>						
No Component	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : NORTH SHORE RIP-RAP SHORELINE  
**Address** : RANDALLS ISLAND EAST OF NYPD MARINA  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.010 / 13855 **Yr Built/Renovated** :  
**Linear Ft** : 4,120 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$841,400	\$136,000
<b>Total</b>	<b>\$841,400</b>	<b>\$136,000</b>
Importance Code B	\$67,900	\$136,000
Importance Code C	\$773,500	
<b>Total</b>	<b>\$841,400</b>	<b>\$136,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$20,000		\$3,400	\$5,900
<b>Total</b>	<b>\$20,000</b>		<b>\$3,400</b>	<b>\$5,900</b>
Importance Code B	\$5,700		\$3,400	\$5,900
Importance Code C	\$14,300			
<b>Total</b>	<b>\$20,000</b>		<b>\$3,400</b>	<b>\$5,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**NORTH SHORE RIP-RAP SHORELINE**  
**Asset # : 13855**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	58%			LIFE	**	5	\$28,600	
	<i>Settlement, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Insufficient Stone Armor</i>							
Stone	25%	4+	\$773,500	LIFE	**	5	\$6,200	
	<i>Settlement, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Western 50 Feet And Isolated For Eastern 4,300 Feet. With Asset Start Location At The NYPD Marina</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>							
	<i>Location : Western 50 Feet And Isolated For Eastern 4,300 Feet. With Asset Start Location At The NYPD Marina</i>							
	<i>Explanation : Insufficient Stone Armor</i>							
No Component	2%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Between 3,447 Feet And 4,000 Feet East Of NYPD Marina</i>							
	<i>Explanation : Intermittent</i>							
Under Construction	15%							
<b>Backfill</b>								
Fill								
Topsoil	25%	4+	\$67,900	2064	**			
	<i>Erosion, Extent : Light, Area Affected : 20%</i>							
	<i>Location : At Locations With Insufficient Stone Armor</i>							
Not Accessible	60%							
Under Construction	15%							
<b>Surface</b>								
Asphalt	25%			2038	**	5	\$11,800	
Topsoil	35%			2027	\$79,300	5	\$6,700	
Topsoil	25%	4+	\$5,700	2028	\$56,700	5	\$2,400	
	<i>Erosion, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Isolated At Areas Of Insufficient Armor Stone</i>							
Under Construction	15%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

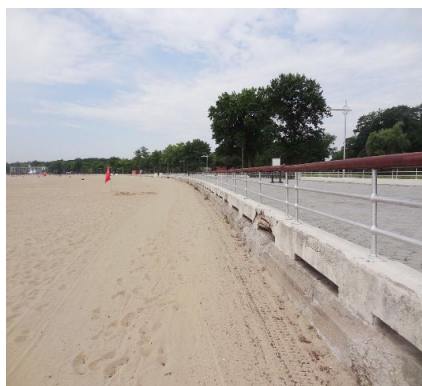
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ORCHARD BEACH PARK SHORELINE GRAVITY WALL, CONCRETE  
**Address** : PELHAM BAY PARK/ORCHARD BEACH  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PARX039.001 / 711 **Yr Built/Renovated** :  
**Linear Ft** : 5,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5650 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$5,721,300	\$4,924,300
<b>Total</b>	<b>\$5,721,300</b>	<b>\$4,924,300</b>
Importance Code A	\$2,651,500	
Importance Code B	\$1,599,200	\$4,924,300
Importance Code C	\$1,470,600	
<b>Total</b>	<b>\$5,721,300</b>	<b>\$4,924,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads			\$28,800	
<b>Total</b>			<b>\$28,800</b>	
Importance Code A				
Importance Code B			\$28,800	
Importance Code C				
<b>Total</b>			<b>\$28,800</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ORCHARD BEACH PARK SHORELINE GRAVITY WALL, CONCRETE**  
**Asset # : 711**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Coping/Curb Concrete	70%	4+	\$1,372,600	LIFE	**	5	\$3,700	
<i>Erosion, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Deterioration Due To Age And Chemical Breakdown Throughout</i>								
Concrete	20%			LIFE	**	5	\$1,000	
<i>Worn, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Concrete	5%	Now	\$98,000	LIFE	**	5	\$300	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Spalls Throughout. Moderate To Severe Corrosion</i>								
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Spalls Throughout</i>								
No Component	5%							
<b>Gravity Wall</b>								
Concrete	5%	Now	\$115,300	LIFE	**	5	\$1,100	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Isolated Areas Of Offshore Face</i>								
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Areas Of Offshore Face</i>								
Concrete	55%	4+	\$2,536,200	LIFE	**	5	\$12,400	
<i>Erosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Typical Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Deterioration Due To Age</i>								
Concrete	40%			LIFE	**	5	\$9,100	
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Asphalt Blocks	10%	4+	\$121,900	2041	**	5	\$3,200	
<i>Missing Part, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Isolated Locations Of Missing Pavers</i>								
<i>Settlement, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Asphalt Pavers	90%			2037	**	5	\$57,500	
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	90%	4+	\$1,477,300	2026	\$4,924,300			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout With Coating Loss</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Checking On Timber Handrail</i>								
No Component	10%							

**Protective Structure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**ORCHARD BEACH PARK SHORELINE GRAVITY WALL, CONCRETE**  
**Asset # : 711**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Protective Structure	Breakwater								
	Stone	100%			LIFE		**	5	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 610 And 420 Feet Long</i> <i>Explanation : At Either End Of Beach</i>									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PARK SHORELINE RIP-RAP  
**Address** : PELHAM BAY PARK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PARX039.002 / 712 **Yr Built/Renovated** :  
**Linear Ft** : 5,877 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 4335 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$197,000	\$358,500
<b>Total</b>	<b>\$197,000</b>	<b>\$358,500</b>
Importance Code B	\$64,600	\$323,300
Importance Code C	\$132,400	\$35,200
<b>Total</b>	<b>\$197,000</b>	<b>\$358,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$16,200			
<b>Total</b>	<b>\$16,200</b>			
Importance Code B	\$16,200			
<b>Total</b>	<b>\$16,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PARK SHORELINE RIP-RAP**  
**Asset # : 712**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	95%			LIFE	**	5	\$33,400	
Stone	5%	4+	\$132,400	LIFE	**	5	\$1,800	
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Isolated Locations Throughout</i>								
<hr/>								
<b>Backfill</b>								
Fill								
Topsoil	5%	Now	\$64,600	2066	**			
<i>Erosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Along Top Of Revetment For Full Length Of Asset</i>								
<hr/>								
Not Accessible	95%							
<hr/>								
<b>Surface</b>								
Topsoil	95%			2024	\$307,100	5	\$26,100	
Topsoil	5%	Now	\$16,200	2026	\$16,200	5	\$700	
<i>Erosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Top Of Revetment For Full Length Of Asset</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PARK SHORELINE SEAWALL  
**Address** : PELHAM BAY PARK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PARX039.003 / 713 **Yr Built/Renovated** :  
**Linear Ft** : 725 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 4335 **Lot** : 1 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$1,962,500	
<b>Total</b>	<b>\$1,962,500</b>	
Importance Code A	\$1,761,100	
Importance Code B	\$201,300	
<b>Total</b>	<b>\$1,962,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$6,700			
<b>Total</b>	<b>\$6,700</b>			
Importance Code A				
Importance Code B	\$6,700			
Importance Code C				
<b>Total</b>	<b>\$6,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PARK SHORELINE SEAWALL**  
**Asset # : 713**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	40%	Now	\$1,432,800	LIFE	**	5	\$1,200
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Four Locations Totaling 285 Feet</i>						
	Concrete	55%	4+	\$328,300	LIFE	**	5	\$1,600
		<i>Cracking, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : In Top Of Wall</i>						
		<i>Erosion, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Three Locations In Tidal Zone At Bottom Of Wall Totaling 395 Feet</i>						
	Not Accessible	5%						
	Revetment							
	Stone	5%			LIFE	**	5	\$200
	No Component	95%						
<b>Backfill</b>								
	Fill							
	Topsoil	40%	Now	\$63,700	2066	**		
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout At Areas Of Severe Damage In Wall And At South End Of Asset</i>						
	Not Accessible	60%						
	Surface							
	Asphalt	10%	Now	\$6,700	2041	**	5	\$400
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : One Location Totaling 90 Feet</i>						
	Concrete	35%	Now	\$93,500	2041	**	5	\$1,400
		<i>Cracking, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Settlement, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Throughout</i>						
	Concrete	55%	4+	\$44,100	2035	**	5	\$2,300
		<i>Cracking, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 25%</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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : QUEENSBRIDGE PARK RIPRAP REVETMENT  
**Address** : EAST RIVER, EAST CHANNEL NORTH OF QUEENSBORO BRIDGE  
**Borough** : QUEENS Agency's Number : N/A  
**Program / Asset #** : PARQ104.000 / 2613 Yr Built/Renovated :  
**Linear Ft** : 1,194 Project Type : PARKS AND RECREATION  
**Date of Survey** : 08-Sep-2014 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : 477 Lot : 70 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads		\$991,600
<b>Total</b>		<b>\$991,600</b>
Importance Code B		\$991,600
<b>Total</b>		<b>\$991,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$15,500			
<b>Total</b>	<b>\$15,500</b>			
Importance Code A				
Importance Code B	\$15,500			
Importance Code C				
<b>Total</b>	<b>\$15,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**QUEENSBRIDGE PARK RIPRAP REVETMENT**

**Asset # : 2613**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall Concrete	5%			LIFE	**	5	\$200
<i>Cracking, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Length Of Asset</i>								
	Not Accessible	95%						
<b>Revetment</b>								
	Stone	100%			LIFE	**	5	\$7,100
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	50%			2035	**	5	\$6,800
	Asphalt	10%	2-4	\$11,000	2041	**	5	\$700
<i>Settlement, Extent : Light, Area Affected : 50%</i>								
<i>Location : Locations Of Poor Drainage And Pooling Runoff Throughout</i>								
	Topsoil	40%			2025	\$26,300	5	\$2,200
<b>Deck Elements</b>								
<b>Railing</b>								
	Steel	85%			2025	\$991,600		
<i>Missing Coating, Extent : Light, Area Affected : 1%</i>								
<i>Location : Isolated Throughout</i>								
	No Component	15%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RAINEY PARK CONCRETE GRAVITY WALL  
**Address** : EAST RIVER, EAST CHANNEL VERNON BLVD BET 35 AVE AND 33 RD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ048.000 / 2713 **Yr Built/Renovated** :  
**Linear Ft** : 847 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 322 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,166,700	\$827,600
<b>Total</b>	<b>\$2,166,700</b>	<b>\$827,600</b>
Importance Code A	\$1,743,600	
Importance Code B	\$41,400	\$827,600
Importance Code C	\$381,700	
<b>Total</b>	<b>\$2,166,700</b>	<b>\$827,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads			\$200	\$4,400
<b>Total</b>			<b>\$200</b>	<b>\$4,400</b>
Importance Code A				
Importance Code B			\$200	\$4,400
Importance Code C				
<b>Total</b>			<b>\$200</b>	<b>\$4,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**RAINEY PARK CONCRETE GRAVITY WALL**  
**Asset # : 2713**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	70%	4+	\$488,200	LIFE	**	5	\$2,400
		<i>Erosion, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Throughout Above Mean Low Water Elevation</i>						
	Concrete	30%	4+	\$1,255,400	LIFE	**	5	\$1,000
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Bottom 2 Feet Throughout</i>						
		<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : At Areas Of Severe Erosion</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Isolated Throughout Above Mean Low Water Elevation</i>						
	Revetment							
	Stone	100%	Now	\$381,700	LIFE	**	5	\$5,100
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Full Length</i>						
		<i>Explanation : Insufficient Stone</i>						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Asphalt Pavers	90%			2038	**	5	\$8,700
		<i>Settlement, Extent : Light, Area Affected : 25%</i>						
		<i>Location : 5 Foot Wide Depression From 118 Feet To 153 Feet South Of Asset Start Location.</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : All Drainage Holes Located Along The Top Of The Wall</i>						
		<i>Explanation : Clogged Drainage Holes</i>						
	Topsoil	10%			2027	\$4,700	5	\$400
<b>Deck Elements</b>								
	Railing							
	Steel	60%	0-2	\$24,800	2028	\$496,500		
		<i>Excess Deflection, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Railing Is Loose For 30 Feet Starting 438 Feet North Of Beginning Of Asset</i>						
	Steel	40%	0-2	\$16,600	2027	\$331,000		
		<i>Missing Coating, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RALPH DEMARCO PARK REVETMENT  
**Address** : HELLGATE ALONG SHORE BLVD / DITMARS BLVD TO 20TH AVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ004.002 / 756 **Yr Built/Renovated** :  
**Linear Ft** : 1,950 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Dec-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 898 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$722,500	\$1,599,300
<b>Total</b>	<b>\$722,500</b>	<b>\$1,599,300</b>
Importance Code B	\$195,300	\$1,599,300
Importance Code C	\$527,200	
<b>Total</b>	<b>\$722,500</b>	<b>\$1,599,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$53,300		\$2,300	\$3,300
<b>Total</b>	<b>\$53,300</b>		<b>\$2,300</b>	<b>\$3,300</b>
Importance Code A	\$20,000			
Importance Code B	\$28,600		\$2,300	\$3,300
Importance Code C	\$4,700			
<b>Total</b>	<b>\$53,300</b>		<b>\$2,300</b>	<b>\$3,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RALPH DEMARCO PARK REVETMENT**  
**Asset # : 756**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	5%	4+	\$20,000	LIFE	**	5	\$8,300
		<i>Displaced Elements, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : At The Outfall At 20th Avenue</i>						
		<i>Missing Block Seal, Extent : Light, Area Affected : 10%</i>						
		<i>Location : At 20th Avenue</i>						
	No Component	95%						
<b>Revetment</b>								
	Stone	60%	Now	\$527,200	LIFE	**	5	\$7,000
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout Top Of Revetment From 400 Feet To 550 Feet And From 975 Feet To 1950 Feet From The North End Of The Asset</i>						
	Stone	40%			LIFE	**	5	\$9,300
<b>Backfill</b>								
<b>Fill</b>								
	Topsoil	20%	Now	\$42,800	2064	**		
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout Top Of Revetment From 400 Feet To 550 Feet And From 975 Feet To 1950 Feet From The North End Of The Asset</i>						
	Not Accessible	80%						
<b>Surface</b>								
	Concrete	30%			2038	**	5	\$6,700
		<i>Cracking, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
	Topsoil	50%			2027	\$53,600	5	\$4,600
	Topsoil	20%	Now	\$21,500	2029	\$21,500	5	\$900
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout Top Of Revetment From 400 Feet To 550 Feet And From 975 Feet To 1950 Feet From The North End Of The Asset</i>						
<b>Deck Elements</b>								
<b>Railing</b>								
	Guard Rail	15%			LIFE	**		
	Guard Rail	5%	Now	\$7,200	LIFE	**		
		<i>Impact Damage, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At North End Of Asset</i>						
	Steel	80%	4+	\$152,400	2027	\$1,524,200		
		<i>Missing Coating, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout Asset Length</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : REDHOOK RECREATION AREA TIMBER BULKHEAD  
 Address : HENRY STREET BASIN NEAR HALLECK STREET  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : PAR0210.000 / 13966 Yr Built/Renovated :  
 Linear Ft : 193 Project Type : PARKS AND RECREATION  
 Date of Survey : 18-Sep-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 614 Lot : 300 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads		\$188,600
<b>Total</b>		<b>\$188,600</b>
Importance Code B		\$188,600
<b>Total</b>		<b>\$188,600</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$43,100	\$600		
<b>Total</b>	<b>\$43,100</b>	<b>\$600</b>		
Importance Code A				
Importance Code B	\$43,100	\$600		
<b>Total</b>	<b>\$43,100</b>	<b>\$600</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REDHOOK RECREATION AREA TIMBER BULKHEAD**

**Asset # : 13966**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Sheet Piles								
Timber	50%			LIFE	**	4	\$1,800	
Not Accessible	50%							
Pile Caps								
Concrete	5%			LIFE	**	5		
		<i>Cracking, Extent : Light, Area Affected : 25%</i>						
		<i>Location : At Old Fence Posts</i>						
Not Accessible	95%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
Surface								
Asphalt Pavers	50%			2035	**	5	\$1,100	
Asphalt Pavers	10%	4+	\$20,200	2035	**	5	\$100	
		<i>Settlement, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Isolated Throughout</i>						
Topsoil	40%			2024	\$4,200	5	\$400	
<b>Fender</b>								
Piles								
Timber	20%	Now	\$7,400	2041	**	4	\$900	
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Timber	40%	2-4	\$14,800	2041	**	4	\$1,900	
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Timber	25%			2029	\$9,300	4	\$1,700	
Not Accessible	15%							
<b>Deck Elements</b>								
Railing								
Steel	100%			2024	\$188,600			
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
		<i>Missing Coating, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

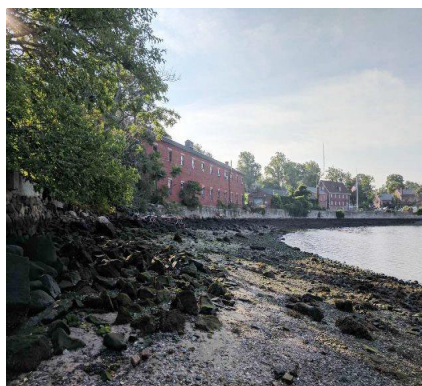
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVE. AND GRAVITY WALL STACKED BLOCK SEAWALL W/RIP RAP IN FRONT  
**Address** : FT TOTTEN FROM SS OF N. GROIN TO FIRE PIER (WILLETS ST.)  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.700 / 13785 **Yr Built/Renovated** :  
**Linear Ft** : 716 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : 5917 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$770,900	\$823,600
<b>Total</b>	<b>\$770,900</b>	<b>\$823,600</b>
Importance Code A	\$559,600	\$60,700
Importance Code B	\$152,600	\$762,900
Importance Code C	\$58,600	
<b>Total</b>	<b>\$770,900</b>	<b>\$823,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$43,300	\$1,000		
<b>Total</b>	<b>\$43,300</b>	<b>\$1,000</b>		
Importance Code B	\$43,300	\$1,000		
Importance Code C				
<b>Total</b>	<b>\$43,300</b>	<b>\$1,000</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVT. AND GRAVITY WALL STACKED BLOCK SEAWALL W/ RIP RAP IN FRONT**  
**Asset # : 13785**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Gravity Wall</b>								
Stone	70%	4+	\$559,600	LIFE	**	5	\$42,500	
<i>Displaced Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Displaced Stone Top Of Wall Due To Tree Growth</i>								
<i>Missing Part, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Missing Block At 292 Feet From South End</i>								
<i>Missing Block Seal, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout In Lower Section Of Wall</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing Filler Stones</i>								
Stone	30%			LIFE	**	5	\$18,200	
<i>Missing Block Seal, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout In Lower Section Of Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At North End Of Asset</i>								
<i>Explanation : Trees Growing Between Blocks</i>								
<b>Revetment</b>								
Stone	35%			LIFE	**	5	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Rip Rap Displaced</i>								
Stone	10%	4+	\$58,600	LIFE	**	5	\$400	
<i>Missing Part, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 420 Feet And 495 Feet From South End</i>								
No Component	55%							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	5%	Now	\$8,600	2068	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Southern 450 Feet</i>								
<i>Explanation : Small Sinkholes</i>								
Topsoil	15%	4+	\$25,700	2068	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Settlement</i>								
Not Accessible	80%							
<b>Surface</b>								
Concrete	25%			2031	**	5	\$2,000	
<i>Cracking, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Topsoil	35%	Now	\$9,000	2026	\$15,000	5	\$600	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Isolated Throughout Southern 450 Feet</i>								
<i>Explanation : Sinkholes</i>								
Not Accessible	40%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVET. AND GRAVITY WALL STACKED BLOCK SEAWALL W/RIP RAP IN FRONT**  
**Asset # : 13785**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

## Deck Elements

## Railing

Steel

100% 4+ \$152,600 2028 \$762,900

*Corrosion, Extent : Severe, Area Affected : 100%**Location : Throughout**Other Observation, Extent : Moderate, Area Affected : 50%**Location : Isolated Areas Throughout**Explanation : Anchorage Loss And 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.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT @ TRANSMITTER PARK  
**Address** : KENT ST TO GREEN POINT AVE AT WNYC TRANSMITTER SITE  
**Borough** : BROOKLYN **Agency's Number** : B385  
**Program / Asset #** : PAR0206.000 / 13950 **Yr Built/Renovated** : 2012 /  
**Linear Ft** : 310 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Nov-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2556 **Lot** : 41 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads		\$400	\$900	
<b>Total</b>		<b>\$400</b>	<b>\$900</b>	
Importance Code A				
Importance Code B		\$400	\$900	
Importance Code C				
<b>Total</b>		<b>\$400</b>	<b>\$900</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT @ TRANSMITTER PARK**  
**Asset # : 13950**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Concrete	60%			LIFE	**	5	\$200
	No Component	40%						
	Gravity Wall							
	Concrete	45%			LIFE	**	5	\$600
				<i>Discolor &amp; Bleeding, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Along The Cove/inlet Inshore Of The Footbridge</i>				
	No Component	55%						
	Revetment							
	Stone	100%			LIFE	**	5	\$1,900
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Asphalt Pavers	50%			2037	**	5	\$1,800
	Topsoil	50%			2026	\$8,500	5	\$700

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AT SOCRATES SCULPTURE PARK  
**Address** : FOOT OF BROADWAY BETWEEN VERNON BLVD. AND THE EAST RIVER  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DPR0214.000 / 14021 **Yr Built/Renovated** :  
**Linear Ft** : 435 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Sep-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 501 **Lot** : 16 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$210,100	\$233,800
<b>Total</b>	<b>\$210,100</b>	<b>\$233,800</b>
Importance Code B	\$46,800	\$233,800
Importance Code C	\$163,300	
<b>Total</b>	<b>\$210,100</b>	<b>\$233,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$37,100	\$1,200		
<b>Total</b>	<b>\$37,100</b>	<b>\$1,200</b>		
Importance Code B	\$37,100	\$1,200		
Importance Code C				
<b>Total</b>	<b>\$37,100</b>	<b>\$1,200</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AT SOCRATES SCULPTURE PARK**

**Asset # : 14021**

<b>Bulkheads</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Structural</b>									
<b>Revetment</b>									
Stone	50%			LIFE	**	5	\$1,300		
Stone	20%	0-2	\$65,300	LIFE	**	5	\$500		
<i>Missing Part, Extent : Severe, Area Affected : 50%</i>									
<i>Location : Voids Between Poorly Placed Stone</i>									
Stone	30%	4+	\$98,000	LIFE	**	5	\$800		
<i>Missing Part, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Poorly Placed Stone Along Park Waterfront</i>									
<b>Backfill</b>									
<b>Fill</b>									
Topsoil	50%	0-2	\$23,900	2067	**				
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>									
<i>Location : Erosion At Top Of Revetment</i>									
<i>Explanation : Erosion Of Bank</i>									
Not Accessible	50%								
<b>Surface</b>									
Asphalt Pavers	50%			2036	**	5	\$2,500		
<i>Settlement, Extent : Light, Area Affected : 50%</i>									
<i>Location : At Middle Of Park</i>									
Topsoil	50%	0-2	\$12,000	2027	\$12,000	5	\$500		
<i>Erosion, Extent : Severe, Area Affected : 50%</i>									
<i>Location : At Top Of Revetment</i>									
<b>Deck Elements</b>									
<b>Railing</b>									
Fencing	5%	4+	\$1,200	2032	**	3			
<i>Not Plumb, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : At North End Of Park</i>									
Steel	20%	4+	\$17,000	2027	\$85,000				
<i>Progressing Scour, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout Park</i>									
Steel	35%	0-2	\$29,800	2027	\$148,800				
<i>Progressing Scour, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Undermining At Top Of Revetment At Middle Of Park</i>									
No Component	40%								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT SCATTERED RIP RAP  
**Address** : FT TOTTEN SOUTHEAST OF GEN. R. W BERRY DRIVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.740 / 13789 **Yr Built/Renovated** :  
**Linear Ft** : 610 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : 5917 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Bulkheads

Total

Importance Code C

Total



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT SCATTERED RIP RAP**  
**Asset # : 13789**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Structural								
Revetment								
Stone	100%			LIFE	**	5	\$3,700	
Backfill								
Fill								
Not Accessible	100%							
Surface								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Heavy Vegetation</i>						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVETMENT - RIPRAP BULKHEAD  
**Address** : So SIDE P.S. 5 AT SWINDLERS COVE HARLEM RIVER OPPOSITE BOAT HOUSE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0182.000 / 13809 **Yr Built/Renovated** :  
**Linear Ft** : 367 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2150 **Lot** : 30 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads			\$500	
<b>Total</b>			<b>\$500</b>	
Importance Code B			\$500	
Importance Code C				
<b>Total</b>			<b>\$500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT - RIPRAP BULKHEAD**  
**Asset # : 13809**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Revetment							
	Stone	100%			LIFE	**	5	\$2,200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout Revetment</i>						
		<i>Explanation : Vegetation</i>						
Backfill	Fill							
	No Component	40%						
	Not Accessible	60%						
Surface	Topsoil	60%			2027	\$12,100	5	\$1,000
	No Component	40%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT & TIMBER CRIB DYCKMAN MARINA TO CANOE CLUB  
**Address** : BOAT LAUNCH RAMP TO SOUTH SIDE INWOOD CANOE CLUB  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0159.002 / 13698 **Yr Built/Renovated** :  
**Linear Ft** : 595 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$919,100	
<b>Total</b>	<b>\$919,100</b>	
Importance Code A	\$740,300	
Importance Code C	\$178,700	
<b>Total</b>	<b>\$919,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$35,600		\$1,600	
<b>Total</b>	<b>\$35,600</b>		<b>\$1,600</b>	
Importance Code A				
Importance Code B	\$35,600		\$1,600	
Importance Code C				
<b>Total</b>	<b>\$35,600</b>		<b>\$1,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVETMENT & TIMBER CRIB DYCKMAN MARINA TO CANOE CLUB**

**Asset # : 13698**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Gravity Wall</b>								
Timber Crib w/Stone	25%	0-2	\$740,300	LIFE	**	4	\$4,300	
<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North Of Canoe Club</i>								
<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Canoe Club</i>								
No Component	75%							
<b>Revetment</b>								
Stone	40%	4+	\$178,700	LIFE	**	5	\$1,400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North Of Canoe Club</i>								
<i>Explanation : Non-engineered Revetment</i>								
Stone	60%			LIFE	**	5	\$2,100	
<b>Backfill</b>								
<b>Fill</b>								
Stone	30%	0-2	\$19,800	LIFE	**	5	\$200	
<i>Loss of Backfill, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Cribbing At Canoe Club</i>								
Not Accessible	70%							
<b>Surface</b>								
Asphalt Pavers	30%			2037	**	5	\$2,000	
Concrete	10%			2037	**	5	\$700	
Gravel	30%	4+	\$15,800	2043	**	2-5	\$300	
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Along Riprap And Crib Adjacent To Inwood Canoe Club</i>								
Sand	30%			2037	**	2-5	\$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.

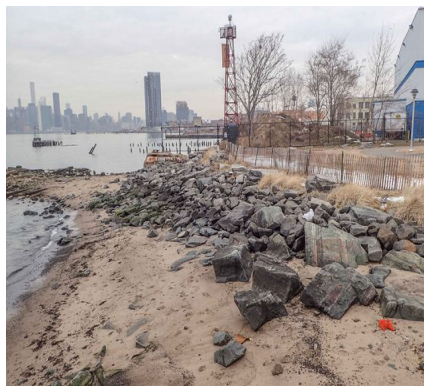
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **REVTMENT @ BUSHWICK INLET PARK**  
 Address : **KENT AVE BETWEEN N.9 ST AND N.10 ST**  
 Borough : **BROOKLYN** Agency's Number : **N/A**  
 Program / Asset # : **PAR0256.010 / 14774** Yr Built/Renovated : **2013 /**  
 Linear Ft : **350** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **12-Jan-2018** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : **2301** Lot : **1** BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$68,400
<b>Total</b>		<b>\$68,400</b>
Importance Code B		\$68,400
<b>Total</b>		<b>\$68,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$2,500	\$1,000		\$400
<b>Total</b>	<b>\$2,500</b>	<b>\$1,000</b>		<b>\$400</b>
Importance Code A	\$1,000			
Importance Code B	\$100	\$1,000		\$400
Importance Code C	\$1,400			
<b>Total</b>	<b>\$2,500</b>	<b>\$1,000</b>		<b>\$400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT @ BUSHWICK INLET PARK**  
**Asset # : 14774**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	70%			LIFE	**	5-10	\$2,000
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Base Of Weir. Section Located 112 Feet North Of Asset Beginning</i>					
	No Component	30%						
<hr/>								
	Revetment							
	Stone	65%			LIFE	**	5	\$2,700
			<i>Other Observation, Extent : Light, Area Affected : 25%</i>					
			<i>Location : South Of Gravity Wall</i>					
			<i>Explanation : Settling Pool Incorporated Into Revetment</i>					
	No Component	35%						
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : Natural Shoreline</i>					
<hr/>								
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<hr/>								
	Surface							
	Brick Pavers	50%			2051	**	5	\$2,000
	Cobblestone	5%			2055	**	5	\$300
	Topsoil	45%			2028	\$8,700	5	\$700
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Behind Upper Layer Of Revetment Stone</i>					
<hr/>								
<b>Deck Elements</b>								
	Railing							
	Steel	20%			2028	\$68,400		
	No Component	80%						
<hr/>								
<b>Electrical</b>								
	Lighting Fixture							
	Incandescent	100%			2024			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **REVTMENT @CLASSONS POINT PUGSLEY CREEK PARK**  
 Address : **PUGSLEY CREEK PARK**  
 Borough : **BRONX** Agency's Number : **N/A**  
 Program / Asset # : **PAR0157.003 / 13703** Yr Built/Renovated :  
 Linear Ft : **880** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **21-Jul-2017** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : **3435** Lot : **75** BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$99,100	\$40,200
<b>Total</b>	<b>\$99,100</b>	<b>\$40,200</b>
Importance Code B		\$40,200
Importance Code C	\$99,100	
<b>Total</b>	<b>\$99,100</b>	<b>\$40,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$2,400	\$1,500	\$800	
<b>Total</b>	<b>\$2,400</b>	<b>\$1,500</b>	<b>\$800</b>	
Importance Code B	\$2,400	\$1,500	\$800	
Importance Code C				
<b>Total</b>	<b>\$2,400</b>	<b>\$1,500</b>	<b>\$800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT @CLASSONS POINT PUGSLEY CREEK PARK**

**Asset # : 13703**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
Revetment								
	Stone	85%			LIFE	**	5	\$4,500
	Stone	15%	4+	\$99,100	LIFE	**	5	\$800
<i>Erosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ungraded Areas With Exposed Soil</i>								
<hr/>								
<b>Backfill</b>								
Fill								
	No Component	2%						
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : At Southwest End Of Asset</i>								
<i>Explanation : Boat Ramp</i>								
	Not Accessible	98%						
<hr/>								
<b>Surface</b>								
	Asphalt	15%			2037	**	5	\$1,500
	Topsoil	10%	4+	\$2,400	2028	\$4,800	5	\$200
<i>Erosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Topsoil Loss Above Revetment From 500 Feet To 600 Feet Northeast Of Asset Beginning</i>								
	Topsoil	73%			2026	\$35,300	5	\$3,000
	No Component	2%						
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : At Southwest End Of Asset</i>								
<i>Explanation : Boat Ramp</i>								
<hr/>								
<b>Protective Structure</b>								
Breakwater								
	Stone	100%			LIFE	**	5	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Of Boat Ramp</i>								
<i>Explanation : 70 Feet Long</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AND GRAVITY WALL RIPRAP INFRONT OF STONE SEAWALL  
**Address** : FT TOTTEN NORTH SHORE RD. S END GEN. BERRY DR. TO N.S. BATTERY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.750 / 13790 **Yr Built/Renovated** :  
**Linear Ft** : 3,824 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : 5917 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$6,405,900	\$3,024,400
<b>Total</b>	<b>\$6,405,900</b>	<b>\$3,024,400</b>
Importance Code A	\$3,757,500	\$226,900
Importance Code B	\$2,648,400	\$2,797,500
<b>Total</b>	<b>\$6,405,900</b>	<b>\$3,024,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads			\$5,800	
<b>Total</b>			<b>\$5,800</b>	
Importance Code B			\$5,800	
Importance Code C				
<b>Total</b>			<b>\$5,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVETMENT AND GRAVITY WALL RIPRAP INFRONT OF STONE SEAWALL**

**Asset # : 13790**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Gravity Wall</b>								
Stone	2%	Now	\$341,600	LIFE	**	5	\$6,500	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Area Between 93 And 138 Feet From North</i>								
<i>Explanation : Collapsed</i>								
Stone	2%	0-2	\$256,200	LIFE	**	5	\$6,500	
<i>Displaced Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North 60 Feet</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North 60 Feet</i>								
<i>Explanation : Deterioration Of Mortar Layer Between Upper And Lower Walls</i>								
Stone	64%	4+	\$2,732,700	LIFE	**	5	\$207,400	
<i>Displaced Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At 230 To 260 Feet, 300 Feet, And 350 Feet From North End And Isolated Areas Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At 600 To 1300 Feet From North End And Isolated Throughout</i>								
<i>Explanation : Missing Filler Stones</i>								
Stone	2%	2-4	\$427,000	LIFE	**	5	\$6,500	
<i>Not Plumb, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Gravity Wall Is Leaning Offshore At 100 Feet From South End</i>								
No Component	5%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Top Half Of Wall Missing At 100 To 550 Feet From North</i>								
Not Accessible	25%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : From 1300-1700, 1845-2100, 2530-2900 Feet From North End</i>								
<i>Explanation : Lower Wall Not Accessible</i>								
<b>Revetment</b>								
Stone	95%			LIFE	**	5	\$21,700	
No Component	5%							
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Topsoil	65%			2027	\$149,100	5	\$11,600	
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Isolated Minor Sinkholes Along Wall</i>								
Not Accessible	35%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : North 1350 Feet</i>								
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846  
 REVETMENT AND GRAVITY WALL RIPRAP INFRONT OF STONE SEAWALL**

**Asset # : 13790**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Deck Elements								
Railing								
Steel	65%	4+	\$2,648,400	2028	\$2,648,400			
			<i>Broken, Extent : Severe, Area Affected : 2%</i>					
			<i>Location : Localized Throughout</i>					
			<i>Corrosion, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
No Component	35%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVETMENT AND GRAVITY WALL STONE SEAWALL AT FORT ENTRANCE  
**Address** : FT TOTTEN ALONG TOTTEN AVE. FROM FT ENTRANCE TO SS FIRE PIER  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.710 / 13786 **Yr Built/Renovated** :  
**Linear Ft** : 742 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : 5917 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$555,100	\$853,500
<b>Total</b>	<b>\$555,100</b>	<b>\$853,500</b>
Importance Code A	\$331,400	\$62,900
Importance Code B	\$99,200	\$790,600
Importance Code C	\$124,500	
<b>Total</b>	<b>\$555,100</b>	<b>\$853,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$20,500			
<b>Total</b>	<b>\$20,500</b>			
Importance Code B	\$20,500			
Importance Code C				
<b>Total</b>	<b>\$20,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AND GRAVITY WALL STONE SEAWALL AT FORT ENTRANCE**  
**Asset # : 13786**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Coping/Curb Concrete	45%	4+	\$63,700	LIFE	**	5	\$300	
<i>Cracking, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
No Component	55%							
<b>Gravity Wall</b>								
Stone	80%			LIFE	**	5	\$50,300	
<i>Missing Block Seal, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout In Tidal Zone</i>								
Stone	20%	Now	\$331,400	LIFE	**	5	\$12,600	
<i>Missing Part, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Blocks Missing Within Isolated Areas At South End And Throughout</i>								
<b>Revetment</b>								
Stone	10%	Now	\$60,800	LIFE	**	5	\$400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Areas From 300 Feet From South End To South End</i>								
<i>Explanation : Displacement</i>								
Stone	60%			LIFE	**	5	\$2,700	
No Component	30%							
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Concrete	20%	4+	\$59,600	2043	**	5	\$800	
<i>Discolor &amp; Bleeding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North 50 Feet</i>								
Gravel	10%	4+	\$7,200	2043	**	2-5	\$100	
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Topsoil	30%	4+	\$13,400	2028	\$13,400	5	\$500	
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Not Accessible	40%							
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	100%	4+	\$39,500	2026	\$790,600			
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Corrosion</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

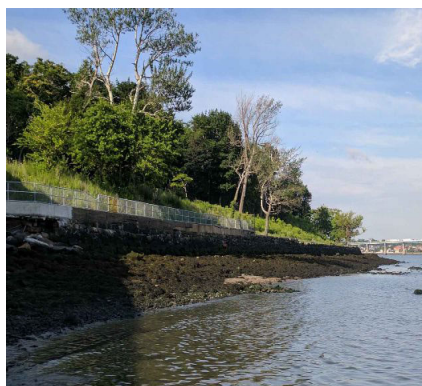
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AND GRAVITY WALL WITH RIP-RAP IN FRONT  
**Address** : FT TOTTEN FROM SS OF BATTERY TO NS OF NORTH GROIN  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.730 / 13788 **Yr Built/Renovated** :  
**Linear Ft** : 790 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : 5917 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$1,363,200	\$908,700
<b>Total</b>	<b>\$1,363,200</b>	<b>\$908,700</b>
Importance Code A	\$904,200	\$67,000
Importance Code B	\$232,800	\$841,800
Importance Code C	\$226,200	
<b>Total</b>	<b>\$1,363,200</b>	<b>\$908,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$2,400	\$200	\$500	
<b>Total</b>	<b>\$2,400</b>	<b>\$200</b>	<b>\$500</b>	
Importance Code B	\$2,400	\$200	\$500	
Importance Code C				
<b>Total</b>	<b>\$2,400</b>	<b>\$200</b>	<b>\$500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AND GRAVITY WALL WITH RIP-RAP IN FRONT**

**Asset # : 13788**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb							
	Concrete	10%	Now	\$30,200	LIFE	**	5	\$100
		<i>Broken, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Isolated Area From 525 To 535 Feet From West End</i>						
		<i>Displaced Elements, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Isolated Between 310 And 650 Feet From West End</i>						
	Concrete	65%	4+	\$196,100	LIFE	**	5	\$500
		<i>Broken, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Isolated Areas From 150 Feet To 790 Feet From West End</i>						
	Concrete	25%			LIFE	**	5	\$200
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
<b>Gravity Wall</b>								
	Stone	10%	Now	\$441,100	LIFE	**	5	\$6,700
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Near South Side Of Battery At 770 Feet From West End</i>						
		<i>Explanation : Wall Collapsed</i>						
	Stone	85%	4+	\$374,900	LIFE	**	5	\$56,900
		<i>Missing Block Seal, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Tidal Zone</i>						
	Stone	5%	2-4	\$88,200	LIFE	**	5	\$3,300
		<i>Displaced Elements, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Isolated Areas At 405 And 445 Feet From West End</i>						
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Blocks Missing From Isolated Areas Located 260 And 320 From West End And At The Outfall Located 66 Feet From West End</i>						
	Revetment							
	Stone	100%			LIFE	**	5	\$4,700
<b>Backfill</b>								
	Fill							
	Topsoil	10%	Now	\$18,900	2068	**		
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Isolated Within The Area From 700 To 780 Feet And An Area At 67 Feet From West End</i>						
		<i>Explanation : Sinkhole</i>						
	Topsoil	10%	Now	\$18,900	2068	**		
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout The Area Between 690 And 790 Feet From West End</i>						
		<i>Explanation : Loss Of Backfill Due To Failure Of Wall</i>						
	Not Accessible	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.

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AND GRAVITY WALL WITH RIP-RAP IN FRONT**

**Asset # : 13788**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Backfill</b>								
<b>Surface</b>								
Concrete	10%			2037	**	5	\$900	
<i>Cracking, Extent : Light, Area Affected : 5%</i>								
<i>Location : Westernmost 75 Feet</i>								
<i>Settlement, Extent : Light, Area Affected : 50%</i>								
<i>Location : Westernmost 75 Feet</i>								
Stone	25%	4+	\$68,700	2041	**			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : From 200 Feet To 575 Feet From West End</i>								
<i>Explanation : Settlement</i>								
Stone	25%			2037	**	10		
Topsoil	10%			2026	\$4,700	5	\$400	
Topsoil	5%	Now	\$2,400	2028	\$2,400	5	\$100	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 690 Feet From West End</i>								
Not Accessible	25%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Not Accessible Due To Heavy Vegetation</i>								
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	75%	Now	\$126,300	2028	\$631,300			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Westernmost 120 Feet And From 120 Feet To 550 Feet From West End</i>								
<i>Explanation : Severely Corroded And Missing Railing</i>								
Steel	25%			2026	\$210,400			

*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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AT 9-11 MEMORIAL  
**Address** : FOOT OF B 116TH ST, ROCKAWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DPR0213.000 / 14017 **Yr Built/Renovated** :  
**Linear Ft** : 200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 16190 **Lot** : 118 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$7,900			\$500
<b>Total</b>	<b>\$7,900</b>			<b>\$500</b>
Importance Code B	\$7,900			\$500
Importance Code C				
<b>Total</b>	<b>\$7,900</b>			<b>\$500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AT 9-11 MEMORIAL**  
**Asset # : 14017**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	100%			LIFE	**	5	\$1,200	
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Brick Pavers	40%			2043	**	5	\$900	
Brick Pavers	10%	2-4	\$5,500	2052	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Along Offshore Edge Of Pavers</i>								
<i>Explanation : Displaced Pavers</i>								
Topsoil	30%			2025	\$3,300	5	\$300	
Topsoil	20%	2-4	\$2,200	2027	\$2,200	5	\$100	
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North End</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AT FABER PARK  
**Address** : RICHMOND TERRACE AND SHARPE AVE.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0195.000 / 13935 **Yr Built/Renovated** :  
**Linear Ft** : 251 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 18-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1070 **Lot** : 42 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$245,200	
<b>Total</b>	<b>\$245,200</b>	
Importance Code B	\$245,200	
<b>Total</b>	<b>\$245,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads			\$1,400	
<b>Total</b>			<b>\$1,400</b>	
Importance Code B			\$1,400	
Importance Code C				
<b>Total</b>			<b>\$1,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AT FABER PARK**  
**Asset # : 13935**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb Concrete	100%			LIFE	**	5	\$200
	Revetment Stone	100%			LIFE	**	5	\$1,500
<b>Backfill</b>								
	Fill Not Accessible	100%						
	Surface Brick Pavers	100%			2042	**	5	\$2,900
				<i>Other Observation, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Throughout Adjacent to handrail</i>				
				<i>Explanation : Settlement</i>				
<b>Deck Elements</b>								
	Railing Steel	100%			2021			\$245,200
				<i>Corrosion, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Isolated Throughout</i>				

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AT LEMON CREEK  
**Address** : AT SOUTH BANK ENTRANCE OF LEMON CREEK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0200.000 / 13942 **Yr Built/Renovated** :  
**Linear Ft** : 860 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6690 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$400	\$100		\$100
<b>Total</b>	<b>\$400</b>	<b>\$100</b>		<b>\$100</b>
Importance Code B	\$400	\$100		\$100
Importance Code C				
<b>Total</b>	<b>\$400</b>	<b>\$100</b>		<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AT LEMON CREEK**  
**Asset # : 13942**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Structural								
Revetment								
Stone	100%			LIFE	**	5	\$5,100	
Backfill								
Fill								
Not Accessible	100%							
Surface								
Gravel	55%			2035	**	2-5	\$1,400	
Topsoil	45%			2024	\$21,300	5	\$1,800	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : REVTMENT AT POWELLS COVE PARK  
**Address** : FOOT OF 135TH STREET WEST TO END  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DPR0215.000 / 14024 **Yr Built/Renovated** :  
**Linear Ft** : 815 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3987 **Lot** : 20 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$40,300
<b>Total</b>		<b>\$40,300</b>
Importance Code B		\$40,300
<b>Total</b>		<b>\$40,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$1,700			
<b>Total</b>	<b>\$1,700</b>			
Importance Code B	\$1,700			
Importance Code C				
<b>Total</b>	<b>\$1,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AT POWELLS COVE PARK**  
**Asset # : 14024**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural								
	Revetment							
	Stone	100%			LIFE	**	5	\$4,900
Backfill								
	Fill							
	Not Accessible	100%						
Surface								
	Stone	10%			2036	**	10	
	Topsoil	90%			2025	\$40,300	5	\$3,400
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Heavy Vegetation</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERDALE PARK RIPRAP REVETMENT  
 Address : HUDSON RIVER/ SO OF RIVERDALE YC TO BRICK SUBSTA BLDG BY RR TRACK  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : PARX142.000 / 716 Yr Built/Renovated :  
 Linear Ft : 5,650 Project Type : PARKS AND RECREATION  
 Date of Survey : 30-Dec-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 5930 Lot : 800 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$166,300	
<b>Total</b>	<b>\$166,300</b>	
Importance Code B	\$39,000	
Importance Code C	\$127,300	
<b>Total</b>	<b>\$166,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$29,800	\$1,200	\$100	\$1,200
<b>Total</b>	<b>\$29,800</b>	<b>\$1,200</b>	<b>\$100</b>	<b>\$1,200</b>
Importance Code B	\$29,800	\$1,200	\$100	\$1,200
Importance Code C				
<b>Total</b>	<b>\$29,800</b>	<b>\$1,200</b>	<b>\$100</b>	<b>\$1,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERDALE PARK RIPRAP REVETMENT**  
**Asset # : 716**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Revetment							
	Stone	95%			LIFE	**	5	\$32,100
		<i>Settlement, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
	Stone	5%	4+	\$127,300	LIFE	**	5	\$1,700
		<i>Settlement, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Isolated Throughout And At Tower Footings Between 1180 Feet And 5325 Feet From North</i>						
		<i>Explanation : Insufficient Armor Stone</i>						
<b>Backfill</b>								
	Fill							
	Sand	5%	Now	\$39,000	2056	**	5	\$300
		<i>Erosion, Extent : Moderate, Area Affected : 70%</i>						
		<i>Location : At Areas Moderate Revetment Damage</i>						
	Not Accessible	95%						
<b>Surface</b>								
	Gravel	5%	Now	\$25,100	2041	**	2-5	\$500
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : At Tower Footings And Areas Of Revetment Damage</i>						
	Gravel	90%			2035	**	2-5	\$15,600
	Topsoil	5%			2024	\$15,500	5	\$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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK CHERRY WALK REVETMENT  
**Address** : HUDSON RIVER W 100TH ST TO W 125TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM072.002 / 2714 **Yr Built/Renovated** :  
**Linear Ft** : 7,867 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1897 **Lot** : 19 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$612,800	\$1,375,400
<b>Total</b>	<b>\$612,800</b>	<b>\$1,375,400</b>
Importance Code B	\$317,400	\$1,328,300
Importance Code C	\$295,400	\$47,100
<b>Total</b>	<b>\$612,800</b>	<b>\$1,375,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$41,800	\$8,300		
<b>Total</b>	<b>\$41,800</b>	<b>\$8,300</b>		
Importance Code B	\$41,800	\$8,300		
<b>Total</b>	<b>\$41,800</b>	<b>\$8,300</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK CHERRY WALK REVETMENT**

**Asset # : 2714**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	95%			LIFE	**	5	\$44,700	
	<i>Erosion, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Stone	2%	4+	\$118,200	LIFE	**	5	\$900	
	<i>Settlement, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Two Sections Totaling 100 Feet</i>							
Stone	3%	Now	\$177,200	LIFE	**	5	\$1,400	
	<i>Settlement, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Six Sections With Steep Embankment Or Loss Of Stone</i>							
<b>Backfill</b>								
Fill								
Topsoil	5%	Now	\$86,400	2066	**			
	<i>Erosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Sections With Embankment Encroaching On Asphalt Path</i>							
Not Accessible	95%							
<b>Surface</b>								
Asphalt	45%			2035	**	5	\$40,400	
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Asphalt	5%	Now	\$36,200	2041	**	5	\$2,200	
	<i>Cracking, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Areas Of Broken Asphalt Due To Tree Root Growth Or Embankment Erosion</i>							
	<i>Sinkhole, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : 3700 Feet From South</i>							
Topsoil	45%			2021	\$194,700	5	\$16,600	
	<i>Erosion, Extent : Light, Area Affected : 75%</i>							
	<i>Location : Top Of Embankment Throughout</i>							
Topsoil	5%	Now	\$21,600	2026	\$21,600	5	\$900	
	<i>Erosion, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Six Locations Throughout; Encroaching On And Under Asphalt</i>							
<b>Deck Elements</b>								
Railing								
Steel	17%			2024	\$1,306,700			
	<i>Missing Coating, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
No Component	83%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK NORTH REVETMENT  
 Address : HUDSON RIVER RIVERBANK STATE PARK TO W 158TH  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PARM072.004 / 764 Yr Built/Renovated :  
 Linear Ft : 3,600 Project Type : PARKS AND RECREATION  
 Date of Survey : 09-Oct-2014 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : 2101 Lot : 117 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$589,700	\$205,200
<b>Total</b>	<b>\$589,700</b>	<b>\$205,200</b>
Importance Code B		\$205,200
Importance Code C	\$589,700	
<b>Total</b>	<b>\$589,700</b>	<b>\$205,200</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$64,100	\$1,100		
<b>Total</b>	<b>\$64,100</b>	<b>\$1,100</b>		
Importance Code B	\$64,100	\$1,100		
Importance Code C				
<b>Total</b>	<b>\$64,100</b>	<b>\$1,100</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK NORTH REVETMENT**  
**Asset # : 764**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	20%	Now	\$589,700	LIFE	**	5	\$4,300	
	<i>Settlement, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Six Sections Totaling 700 Linear Feet</i>							
Stone	80%			LIFE	**	5	\$17,200	
	<i>Settlement, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Isolated Throughout</i>							
<b>Backfill</b>								
Fill								
Topsoil	10%	Now	\$25,900	2066	**			
	<i>Erosion, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : At Areas Of Severe Revetment Settlement</i>							
Not Accessible	90%							
<b>Surface</b>								
Cobblestone	4%			2046	**	5	\$2,200	
	<i>Settlement, Extent : Light, Area Affected : 40%</i>							
	<i>Location : 1300 Feet From The South At Riverbank State Park</i>							
Concrete	1%	4+	\$5,800	2035	**	5	\$200	
	<i>Erosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : At Picnic Area 1300 Feet From South</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Picnic Area 1300 Feet From South</i>							
Topsoil	80%			2024	\$172,800	5	\$13,500	
	<i>Erosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Isolated Throughout</i>							
Topsoil	15%	Now	\$32,400	2026	\$32,400	5	\$1,300	
	<i>Erosion, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : At Areas Of Stone Settlement</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK SOUTH SEAWALL  
**Address** : HUDSON RIVER W 72ND ST TO W 100TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM072.001 / 2614 **Yr Built/Renovated** :  
**Linear Ft** : 7,401 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Sep-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : 1254 **Lot** : 10 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$879,200	\$8,488,400
<b>Total</b>	<b>\$879,200</b>	<b>\$8,488,400</b>
Importance Code A	\$661,100	\$564,500
Importance Code B	\$218,100	\$7,923,800
<b>Total</b>	<b>\$879,200</b>	<b>\$8,488,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$49,400			
<b>Total</b>	<b>\$49,400</b>			
Importance Code B	\$49,400			
<b>Total</b>	<b>\$49,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK SOUTH SEAWALL**  
**Asset # : 2614**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	70%			LIFE	**	5	\$439,100
		<i>Cracking, Extent : Light, Area Affected : 5%</i> <i>Location : In Concrete At Top Of Wall</i>						
	Stone	5%	0-2	\$413,200	LIFE	**	5	\$31,400
		<i>Displaced Elements, Extent : Moderate, Area Affected : 50%</i> <i>Location : 50 Feet Long Section 3100 Feet From North</i> <i>Missing Part, Extent : Severe, Area Affected : 5%</i> <i>Location : Isolated Missing Stones</i> <i>Missing Block Seal, Extent : Light, Area Affected : 25%</i> <i>Location : Throughout</i>						
	Stone	15%	2-4	\$247,900	LIFE	**	5	\$94,100
		<i>Displaced Elements, Extent : Moderate, Area Affected : 15%</i> <i>Location : Coping Elements Mostly In Southern 1000 Feet</i>						
	Not Accessible	10%						
<b>Backfill</b>								
	Fill							
	Topsoil	5%	Now	\$17,700	2066	**		
		<i>Sinkhole, Extent : Severe, Area Affected : 100%</i> <i>Location : At 1440 And 2250 Feet From North</i>						
	Not Accessible	95%						
<b>Surface</b>								
	Asphalt	75%			2035	**	5	\$63,300
	Asphalt	5%	Now	\$14,900	2041	**	5	\$2,100
		<i>Sinkhole, Extent : Severe, Area Affected : 50%</i> <i>Location : At 1440 And 2250 Feet From North</i>						
	Asphalt	10%	2-4	\$29,700	2041	**	5	\$4,200
		<i>Cracking, Extent : Moderate, Area Affected : 100%</i> <i>Location : Isolated Throughout</i> <i>Settlement, Extent : Moderate, Area Affected : 100%</i> <i>Location : Areas Of Depression Throughout Generally 1 Feet From Seawall</i>						
	Under Construction	10%						
<b>Deck Elements</b>								
	Railing							
	Steel	89%			2024			\$7,018,400
		<i>Missing Coating, Extent : Light, Area Affected : 15%</i> <i>Location : Throughout</i>						
	Steel	10%	Now	\$157,700	2026			\$788,600
		<i>Broken, Extent : Severe, Area Affected : 25%</i> <i>Location : Two 50 Feet Sections Missing With Temporary Fencing</i> <i>Corrosion, Extent : Severe, Area Affected : 75%</i> <i>Location : Throughout Older Generation Of Railing At Post Bases</i>						
	Steel	1%	0-2	\$15,800	2026			\$78,900
		<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i> <i>Location : Section 3100 Feet From North</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SEAWALL AND REVETMENT  
**Address** : FOOT OF RYAN PLACE WEST  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0201.000 / 13944 **Yr Built/Renovated** :  
**Linear Ft** : 526 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6348 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$768,800	
<b>Total</b>	<b>\$768,800</b>	
Importance Code A	\$519,800	
Importance Code B	\$130,600	
Importance Code C	\$118,500	
<b>Total</b>	<b>\$768,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$20,300			
<b>Total</b>	<b>\$20,300</b>			
Importance Code A				
Importance Code B	\$20,300			
Importance Code C				
<b>Total</b>	<b>\$20,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SEAWALL AND REVETMENT**  
**Asset # : 13944**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Concrete	40%	Now	\$519,800	LIFE	**	5	\$900
				<i>Broken, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : From Sheet Pile Bulkhead East For 200 Feet</i>				
	No Component	60%						
<b>Revetment</b>								
	Stone	30%			LIFE	**	5	\$900
	Stone	30%	Now	\$118,500	LIFE	**	5	\$900
				<i>Missing Part, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Remaining Portions Outside Of Gravity Wall And Sheet Pile Wall</i>				
	No Component	40%						
<b>Sheet Piles</b>								
	Steel	30%			LIFE	**		
				<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout Exposed Steel Sheet Piles</i>				
	No Component	70%						
<b>Backfill</b>								
	Fill							
	Topsoil	70%	Now	\$80,900	2066	**		
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Backfill Eroded To Crest At All Areas Outside Of Steel Sheet Pile Bulkhead</i>				
				<i>Explanation : Progressing Scour</i>				
	Not Accessible	30%						
<b>Surface</b>								
	Asphalt Pavers	30%	Now	\$49,700	2041	**	5	\$900
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Inshore Of Steel Sheet Pile Bulkhead</i>				
				<i>Explanation : Missing Parts</i>				
	Topsoil	70%	Now	\$20,300	2026	\$20,300	5	\$900
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Backfill Eroded To Crest At All Areas Outside Of Steel Sheet Pile Bulkhead</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SHORE ROAD PARKWAY GRAVITY WALL AND REVETMENT  
**Address** : NORTH OF VERRAZANO BRIDGE TO OWLS HEAD TREATMENT PLANT  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PARB082.000 / 921 **Yr Built/Renovated** :  
**Linear Ft** : 11,763 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6140 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$67,100	\$12,116,000
<b>Total</b>	<b>\$67,100</b>	<b>\$12,116,000</b>
Importance Code A		\$1,060,100
Importance Code B	\$67,100	\$10,985,500
Importance Code C		\$70,400
<b>Total</b>	<b>\$67,100</b>	<b>\$12,116,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$23,000			
<b>Total</b>	<b>\$23,000</b>			
Importance Code B	\$23,000			
Importance Code C				
<b>Total</b>	<b>\$23,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SHORE ROAD PARKWAY GRAVITY WALL AND REVETMENT**  
**Asset # : 921**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Coping/Curb Concrete	27%			LIFE	**	5	\$3,000
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spall At 2125 Feet From South End And Spall At 2675 Feet From South End</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : From 710 Feet To 3645 Feet And 4205 Feet To 4385 Feet From South End</i>								
<i>Explanation : Replaces Stone Coping</i>								
	Stone	73%			LIFE	**	5	\$14,600
<b>Gravity Wall</b>								
	Conc w/Stone Face	100%			LIFE	**	5	\$1,060,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Asset</i>								
<i>Explanation : Majority Of Wall Is Hidden Behind Riprap Slope.</i>								
<b>Revetment</b>								
	Stone	100%			LIFE	**	5	\$70,400
<b>Backfill</b>								
<b>Fill</b>								
	Not Accessible	100%						
<b>Surface</b>								
	Asphalt	100%			2036	**	5	\$134,200
<i>Cracking, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Isolated 1/4 Inch Transverse Cracks Throughout Asset</i>								
<b>Deck Elements</b>								
<b>Railing</b>								
	Guard Rail	5%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Owls Head Treatment Plant</i>								
<i>Explanation : At North End Of Asset</i>								
	Steel	85%			2026			\$9,769,000
	Steel	10%	4+	\$23,000	2025			\$1,149,300
<i>Missing Part, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Missing Grout At Base Of Railing Posts</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : SNUG HARBOR REVETMENT  
 Address : RICHMOND TERRACE SNUG HARBOR RD. GOING EAST  
 Borough : STATEN ISLAND Agency's Number : N/A  
 Program / Asset # : PARR116.000 / 710 Yr Built/Renovated :  
 Linear Ft : 2,191 Project Type : PARKS AND RECREATION  
 Date of Survey : 10-Jul-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 75 Lot : 200 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$529,800	\$120,500
<b>Total</b>	<b>\$529,800</b>	<b>\$120,500</b>
Importance Code B	\$36,200	\$120,500
Importance Code C	\$493,600	
<b>Total</b>	<b>\$529,800</b>	<b>\$120,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$28,900	\$3,600		
<b>Total</b>	<b>\$28,900</b>	<b>\$3,600</b>		
Importance Code B	\$28,900	\$3,600		
Importance Code C				
<b>Total</b>	<b>\$28,900</b>	<b>\$3,600</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SNUG HARBOR REVETMENT**  
**Asset # : 710**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Revetment</b>								
Stone	70%			LIFE	**	5	\$9,200	
Stone	30%	Now	\$493,600	LIFE	**	5	\$3,900	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At East And West Ends Of Asset</i>								
<hr/>								
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	30%	Now	\$28,900	2068	**			
<i>Erosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : West End And Tysen Street</i>								
<hr/>								
Not Accessible	70%							
<hr/>								
<b>Surface</b>								
Topsoil	30%	Now	\$36,200	2028	\$36,200	5	\$1,500	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East End And Tysen Street</i>								
Topsoil	70%			2026	\$84,400	5	\$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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SOUNDVIEW PARK RIPRAP  
**Address** : BRONX RIVER LAFAYETTE AVE. TO CORNELL AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PARX118.000 / 714 **Yr Built/Renovated** :  
**Linear Ft** : 9,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3463 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$144,200	\$553,900
<b>Total</b>	<b>\$144,200</b>	<b>\$553,900</b>
Importance Code B		\$496,400
Importance Code C	\$144,200	\$57,500
<b>Total</b>	<b>\$144,200</b>	<b>\$553,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$47,000	\$400	\$100	
<b>Total</b>	<b>\$47,000</b>	<b>\$400</b>	<b>\$100</b>	
Importance Code B	\$47,000	\$400	\$100	
<b>Total</b>	<b>\$47,000</b>	<b>\$400</b>	<b>\$100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SOUNDVIEW PARK RIPRAP**  
**Asset # : 714**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment								
Stone	2%	4+	\$144,200	LIFE	**	5	\$1,100	
	<i>Missing Part, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Isolated Stone Missing Throughout And Around Point</i>							
Stone	98%			LIFE	**	5	\$56,300	
<b>Backfill</b>								
Fill								
Topsoil	5%	4+	\$21,100	2067	**			
	<i>Erosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : At Top Of Embankment At Point And Along Southeast Shoreline</i>							
Not Accessible	95%							
<b>Surface</b>								
Concrete	1%			2040	**	5	\$1,100	
Sand	5%			2036	**	2-5	\$1,500	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : In Restoration Area</i>							
Topsoil	89%			2025	\$470,000	5	\$40,000	
Topsoil	5%	4+	\$5,300	2027	\$26,400	5	\$1,100	
	<i>Erosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : At Top Of Embankment At Point And Along Southeast Shoreline</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SOUTH EAST SHORE RIP-RAP SHORELINE  
**Address** : RANDALLS/WARDS ISLAND HELL GATE BR. TO TRIBOROUGH BR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.030 / 13859 **Yr Built/Renovated** :  
**Linear Ft** : 1,893 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$718,400	\$132,300
<b>Total</b>	<b>\$718,400</b>	<b>\$132,300</b>
Importance Code A	\$80,200	\$80,200
Importance Code B	\$62,400	\$52,100
Importance Code C	\$575,800	
<b>Total</b>	<b>\$718,400</b>	<b>\$132,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$6,200		\$1,300	
<b>Total</b>	<b>\$6,200</b>		<b>\$1,300</b>	
Importance Code B	\$6,200		\$1,300	
Importance Code C				
<b>Total</b>	<b>\$6,200</b>		<b>\$1,300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH EAST SHORE RIP-RAP SHORELINE**  
**Asset # : 13859**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall Stone	50%			LIFE	**	5	\$160,400
		<i>Missing Part, Extent : Light, Area Affected : 2%</i> <i>Location : Intermittent Missing Cap Stone (Top Course Of Stone)</i>						
	No Component	50%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Northern 985 Feet</i> <i>Explanation : Revetment Only</i>						
<b>Revetment</b>								
	Stone	15%	2-4	\$213,200	LIFE	**	5	\$1,700
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Between 751 Feet And 985 Feet From The North</i> <i>Explanation : Insufficient Armor Stone</i>						
	Stone	85%	4+	\$362,500	LIFE	**	5	\$9,600
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Northern 751 Feet And Southern 908 Feet</i> <i>Explanation : Insufficient Armor Stone</i>						
<b>Backfill</b>								
<b>Fill</b>								
	Topsoil	50%	4+	\$62,400	2064	**		
		<i>Erosion, Extent : Moderate, Area Affected : 25%</i> <i>Location : The Northern 985 Feet</i>						
	Not Accessible	50%						
<b>Surface</b>								
	Stone	50%			2038	**	10	
	Topsoil	30%			2027	\$31,200	5	\$2,700
	Topsoil	10%	2-4	\$4,200	2028	\$10,400	5	\$400
		<i>Erosion, Extent : Moderate, Area Affected : 50%</i> <i>Location : Between 751 Feet And 985 Feet From The North</i>						
	Topsoil	10%	4+	\$2,100	2028	\$10,400	5	\$400
		<i>Erosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Above Revetment At The Northern 751 Feet</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



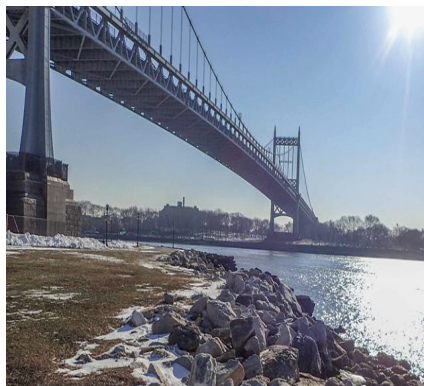
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SOUTH SHORE RIP-RAP SHORELINE  
**Address** : RANDALLS ISLAND TRIBOROUGH TO WEST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.040 / 13860 **Yr Built/Renovated** :  
**Linear Ft** : 1,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$337,900	\$99,000
<b>Total</b>	<b>\$337,900</b>	<b>\$99,000</b>
Importance Code B		\$99,000
Importance Code C	\$337,900	
<b>Total</b>	<b>\$337,900</b>	<b>\$99,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$52,600			\$3,200
<b>Total</b>	<b>\$52,600</b>			<b>\$3,200</b>
Importance Code B	\$44,500			\$3,200
Importance Code C	\$8,100			
<b>Total</b>	<b>\$52,600</b>			<b>\$3,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE RIP-RAP SHORELINE**  
**Asset # : 13860**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Revetment							
	Stone	25%	4+	\$337,900	LIFE	**	5	\$2,700
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : From 365 Feet To 550 Feet; Intermittently Between 630 Feet To 895 Feet, And 1250 Feet To 1460 Feet From Start Of Asset At The South</i>								
<i>Explanation : Displacement/ Settlement And Inadequate Armor Stone At Toe</i>								
	Stone	75%			LIFE	**	5	\$16,200
Backfill	Fill							
	Topsoil	25%	Now	\$19,800	2064	**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : From 365 Feet To 550 Feet; Intermittently Between 630 Feet To 895 Feet, And 1250 Feet To 1460 Feet From Start Of Asset At The South</i>								
<i>Explanation : Erosion</i>								
	Not Accessible	75%						
Surface	Topsoil	75%			2028	\$74,300	5	\$6,300
	Topsoil	25%	Now	\$24,800	2029	\$24,800	5	\$1,100
<i>Erosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : From 365 Feet - 550 Feet; Intermittently Between 630 Feet - 895 Feet, And 1250 Feet - 1460 Feet From Start Of Asset At The South</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SOUTH WEST SHORE BULKHEAD/SEAWALL  
**Address** : RANDALLS ISLAND TO NORTH OF PEDESTRIAN BR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.050 / 13861 **Yr Built/Renovated** :  
**Linear Ft** : 1,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$84,800	\$84,800
<b>Total</b>	<b>\$84,800</b>	<b>\$84,800</b>
Importance Code A	\$84,800	\$84,800
<b>Total</b>	<b>\$84,800</b>	<b>\$84,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$13,700		\$1,100	\$2,900
<b>Total</b>	<b>\$13,700</b>		<b>\$1,100</b>	<b>\$2,900</b>
Importance Code B	\$13,700		\$1,100	\$2,900
<b>Total</b>	<b>\$13,700</b>		<b>\$1,100</b>	<b>\$2,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH WEST SHORE BULKHEAD/SEAWALL**

**Asset # : 13861**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	100%			LIFE	**	5	\$169,500
<b>Backfill</b>								
	Fill							
	Topsoil	5%	4+	\$11,000	2069	**		
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : 475 Feet North Of Asset Start Location</i>						
		<i>Explanation : Settlement</i>						
	Not Accessible	95%						
<b>Surface</b>								
	Concrete	50%			2038	**	5	\$5,700
		<i>Cracking, Extent : Light, Area Affected : 100%</i>						
		<i>Location : End Of Asset</i>						
	Topsoil	45%			2027	\$24,800	5	\$2,100
	Topsoil	5%	4+	\$2,800	2029	\$2,800	5	\$100
		<i>Settlement, Extent : Light, Area Affected : 30%</i>						
		<i>Location : 475 Feet North Of The Asset Start Location</i>						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : STACKED CUT STONE WALL FORT TOTTEN BATTERY BLDG.  
**Address** : FT TOTTEN FOOT OF NORTH LOOP AT WILLETS PT.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.720 / 13787 **Yr Built/Renovated** :  
**Linear Ft** : 716 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jul-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : 5917 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$459,700	\$60,700
<b>Total</b>	<b>\$459,700</b>	<b>\$60,700</b>
Importance Code A	\$459,700	\$60,700
<b>Total</b>	<b>\$459,700</b>	<b>\$60,700</b>

**EXPENSE**

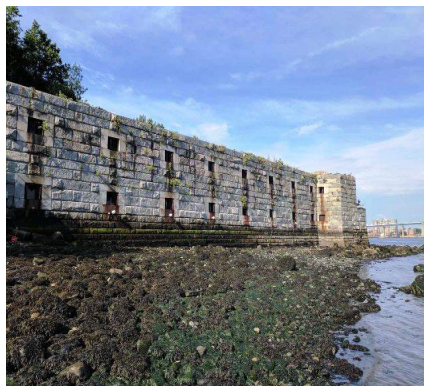
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**Total**

Importance Code

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**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.*

**DEPT. OF PARKS & RECREATION - 846**  
**STACKED CUT STONE WALL FORT TOTTEN BATTERY BLDG.**

**Asset # : 13787**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	5%	0-2	\$79,900	LIFE	**	5	\$3,000
		<i>Displaced Elements, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : At NW Point Of Battery</i>						
		<i>Missing Part, Extent : Severe, Area Affected : 5%</i>						
		<i>Location : Stone At Displaced Area At Nw Point Of Battery</i>						
	Stone	95%	2-4	\$379,800	LIFE	**	5	\$57,600
		<i>Missing Block Seal, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : In Tidal Zone Throughout</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Reported By Personnel Through Walls Of Fort</i>						
		<i>Explanation : Water Penetration</i>						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : STEEL SHEET PILE BULKHEAD  
**Address** : BEACH 108TH ST TO 111TH ST ROCKAWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DCAS002.000 / 14016 **Yr Built/Renovated** :  
**Linear Ft** : 731 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Oct-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 16166 **Lot** : 177 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads		\$714,200
<b>Total</b>		<b>\$714,200</b>
Importance Code B		\$714,200
<b>Total</b>		<b>\$714,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**STEEL SHEET PILE BULKHEAD**  
**Asset # : 14016**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Sheet Piles							
	Steel	50%			LIFE		**	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
	Not Accessible	50%						
<hr/>								
	Pile Caps							
	Concrete	100%			LIFE	**	5	\$2,200
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
<hr/>								
<b>Backfill</b>								
	Fill							
	Under Construction	100%						
<hr/>								
	Surface							
	Under Construction	100%						
<hr/>								
<b>Deck Elements</b>								
	Railing							
	Steel	100%			2026	\$714,200		
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : STEEL SHEET PILE BULKHEAD AND RIPRAP SHORELINE  
**Address** : AT LOUIS VALENTINO, JR. PARK FOOT OF COFFEY ST.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0209.000 / 13965 **Yr Built/Renovated** :  
**Linear Ft** : 375 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 595 **Lot** : 52 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$36,600	\$183,200
<b>Total</b>	<b>\$36,600</b>	<b>\$183,200</b>
Importance Code B	\$36,600	\$183,200
<b>Total</b>	<b>\$36,600</b>	<b>\$183,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$19,800			
<b>Total</b>	<b>\$19,800</b>			
Importance Code A	\$8,400			
Importance Code B	\$11,400			
Importance Code C				
<b>Total</b>	<b>\$19,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**STEEL SHEET PILE BULKHEAD AND RIPRAP SHORELINE**

**Asset # : 13965**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Revetment							
	Stone	33%			LIFE	**	5	\$700
	No Component	67%						
	Sheet Piles							
	Steel	43%			LIFE	**		
				<i>Corrosion, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Above Mlw Elevation</i>				
				<i>Missing Coating, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Above Mlw Elevation</i>				
	No Component	47%						
	Not Accessible	10%						
	Pile Caps							
	Concrete	5%	4+	\$8,400	LIFE	**	5	\$100
				<i>Cracking, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Just North Of Pier</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Section North Of Pier</i>				
				<i>Explanation : Separation Of Concrete Cap From Top Section Of Deck</i>				
	Concrete	47%			LIFE	**	5	\$500
				<i>Cracking, Extent : Light, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
	No Component	48%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Asphalt	18%	4+	\$6,200	2041	**	5	\$400
				<i>Cracking, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : North Of Pier</i>				
				<i>Settlement, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : North Of Pier</i>				
	Sand	14%			2035	**	2-5	\$200
	Topsoil	43%			2024	\$8,900	5	\$800
	Topsoil	25%	4+	\$5,200	2026	\$5,200	5	\$200
				<i>Erosion, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : South Of Pier</i>				
				<i>Settlement, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : South Of Pier</i>				
<b>Deck Elements</b>								
	Railing							
	Steel	50%	4+	\$36,600	2025	\$183,200		
				<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : South Of The Pier</i>				
	No Component	50%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

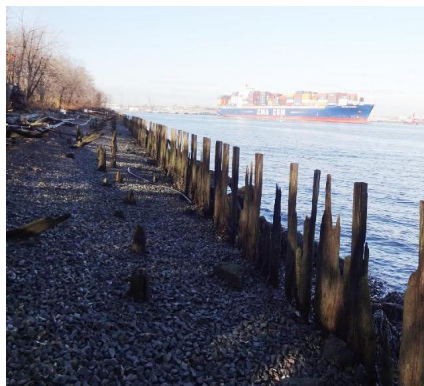
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **TIMBER BULKHEAD**  
**Address** : **SNUG HARBOR ROAD**  
**Borough** : **STATEN ISLAND**      **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0193.000 / 13933**      **Yr Built/Renovated** :  
**Linear Ft** : **969**      **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **17-Dec-2014**      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **75**      **Lot** : **100**      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$793,400	
<b>Total</b>	<b>\$793,400</b>	
Importance Code A	\$569,200	
Importance Code B	\$224,200	
<b>Total</b>	<b>\$793,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$200	\$100	\$200	\$100
<b>Total</b>	<b>\$200</b>	<b>\$100</b>	<b>\$200</b>	<b>\$100</b>
Importance Code A				
Importance Code B	\$200	\$100	\$200	\$100
Importance Code C				
<b>Total</b>	<b>\$200</b>	<b>\$100</b>	<b>\$200</b>	<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## TIMBER BULKHEAD

Asset # : 13933

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural								
	Revetment							
	Stone	25%			LIFE	**	5	\$1,500
	No Component	75%						
	Sheet Piles							
	Timber	75%	Now	\$569,200	LIFE	**	4	\$13,600
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Full Length Of Timber Sheet Pile Bulkhead</i>				
				<i>Explanation : Non-functional Bulkhead</i>				
	No Component	25%						
Backfill								
	Fill							
	Topsoil	75%	Now	\$159,700	2066	**		
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Full Length Of Timber Sheet Pile Bulkhead</i>				
	Not Accessible	25%						
Surface								
	Gravel	25%			2035	**	2-5	\$700
	Gravel	75%	Now	\$64,500	2041	**	2-5	\$1,400
				<i>Erosion, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Full Length Of Timber Sheet Pile Bulkhead</i>				

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **TIMBER CRIBBING**  
**Address** : **SOUTH OF TOTTEVILLE STATION FOOT OF BENTLEY ST**  
**Borough** : **STATEN ISLAND**      **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0196.000 / 13938**      **Yr Built/Renovated** :  
**Linear Ft** : **125**      **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **23-Dec-2014**      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **8005**      **Lot** : **1**      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$311,100	
<b>Total</b>	<b>\$311,100</b>	
Importance Code A	\$311,100	
<b>Total</b>	<b>\$311,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$30,900			
<b>Total</b>	<b>\$30,900</b>			
Importance Code A				
Importance Code B	\$30,900			
<b>Total</b>	<b>\$30,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## TIMBER CRIBBING

Asset # : 13938

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Timber Crib w/Stone	100%	Now	\$311,100	LIFE	**	4	\$3,600	1
				<i>Broken, Extent : Severe, Area Affected : 85%</i>					
				<i>Location : Failed And Collapsed Throughout</i>					
Backfill									
	Fill								
	Gravel	15%			2035	**	5		
	Topsoil	85%	Now	\$23,300	2066	**			
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Fill Loss</i>					
Surface									
	Asphalt	15%	Now	\$1,700	2041	**	5	\$100	
				<i>Broken, Extent : Severe, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
	Topsoil	85%	Now	\$5,800	2026	\$5,800	5	\$200	
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Fill Loss</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **TIMBER CRIBBING**  
**Address** : **HOPPING AVE BETWEEN PATTEN ST AND AMBOY RD.**  
**Borough** : **STATEN ISLAND**      **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0197.000 / 13939**      **Yr Built/Renovated** :  
**Linear Ft** : **102**      **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **23-Dec-2014**      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **8005**      **Lot** : **178**      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$152,300	
<b>Total</b>	<b>\$152,300</b>	
Importance Code A	\$152,300	
<b>Total</b>	<b>\$152,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**

**TIMBER CRIBBING**

**Asset # : 13939**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Timber Crib w/Stone	100%	Now	\$152,300	LIFE	**	4	\$3,000
			<i>Worn, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Deteriorated Throughout</i>					
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Topsoil	100%			2024	\$5,600	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.  
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Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : TRIBUTE AND BEACH CHANNEL PARKS REVETMENT AND SEAWALL  
**Address** : BEACH CHANNEL DRIVE BEACH 116TH ST TO BEACH 130TH ST  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ028.000 / 758 **Yr Built/Renovated** :  
**Linear Ft** : 3,945 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 16191 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$202,700	\$3,976,000
<b>Total</b>	<b>\$202,700</b>	<b>\$3,976,000</b>
Importance Code B	\$54,500	\$3,976,000
Importance Code C	\$148,100	
<b>Total</b>	<b>\$202,700</b>	<b>\$3,976,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$19,800			\$500
<b>Total</b>	<b>\$19,800</b>			<b>\$500</b>
Importance Code A				
Importance Code B	\$19,800			\$500
Importance Code C				
<b>Total</b>	<b>\$19,800</b>			<b>\$500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**TRIBUTE AND BEACH CHANNEL PARKS REVETMENT AND SEAWALL**  
**Asset # : 758**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Gravity Wall Concrete	30%			LIFE	**	5	\$4,800
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : From B 125th To B 129th Streets</i>						
	No Component	70%						
Revetment	Stone	5%	4+	\$148,100	LIFE	**	5	\$1,200
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Tribute Park</i>						
		<i>Explanation : Riprap Needs Replenishment</i>						
	Stone	25%			LIFE	**	5	\$5,900
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : From B 125th To B 129th Street</i>						
	No Component	70%						
Sheet Piles	Steel w/Concrete	5%			LIFE	**		
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At B 130th Street</i>						
	No Component	30%						
	Not Accessible	5%						
	Under Construction	60%						
Backfill	Fill							
	Not Accessible	100%						
Surface	Asphalt	20%			2035	**	5	\$9,000
		<i>Cracking, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Throughout Walkway B 117th To B 123rd Street</i>						
	Asphalt	15%	0-2	\$54,500	2041	**	5	\$3,400
		<i>Settlement, Extent : Moderate, Area Affected : 70%</i>						
		<i>Location : Throughout Walkways And Roadways From B 117th To B 125th Streets</i>						
	Brick Pavers	2%			2048	**	5	\$900
	Concrete	7%			2035	**	5	\$3,200
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout From B 123rd To B 125th Streets</i>						
	Topsoil	1%	Now	\$2,200	2026	\$2,200	5	\$100
		<i>Settlement, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Sinkhole Between B 128th And B 129th Streets</i>						
	Topsoil	55%			2024	\$119,400	5	\$10,100
Deck Elements	Railing							
	Steel	99%			2025	\$3,815,900		
	Steel	1%	Now	\$11,600	2025	\$38,500		
		<i>Broken, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : At 7 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.

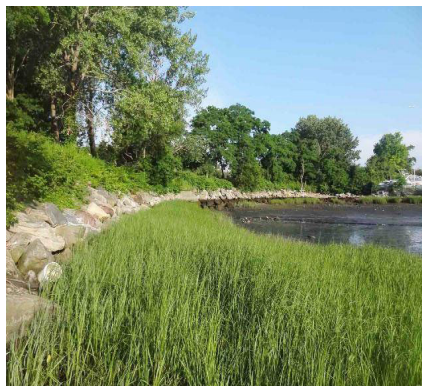
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : VETERAN'S MEMORIAL PARK RIP-RAP  
**Address** : WEIR CREEK/LONG ISLAND SOUND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PARX191.000 / 717 **Yr Built/Renovated** :  
**Linear Ft** : 372 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Jul-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5487 **Lot** : 200 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$41,900	
<b>Total</b>	<b>\$41,900</b>	
Importance Code C	\$41,900	
<b>Total</b>	<b>\$41,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$1,500	\$700		
<b>Total</b>	<b>\$1,500</b>	<b>\$700</b>		
Importance Code B	\$1,500	\$700		
Importance Code C				
<b>Total</b>	<b>\$1,500</b>	<b>\$700</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VETERAN'S MEMORIAL PARK RIP-RAP**  
**Asset # : 717**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Revetment							
	Stone	15%	Now	\$41,900	LIFE	**	5	\$300
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Northern 50 Feet - Adjacent To Access Behind Boatyard At End Of Ellsworth Street</i>						
		<i>Explanation : Insufficient Stone Allowing Overtopping And Loss Of Fill</i>						
	Stone	85%			LIFE	**	5	\$1,900
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Non-graded, Non-engineered Large Stone Revetment</i>						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
<b>Surface</b>								
	Topsoil	85%			2026	\$17,400	5	\$1,500
	Topsoil	15%	Now	\$1,500	2028	\$3,100	5	\$100
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : North End And Isolated Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : 175 Feet From North Boundary</i>						
		<i>Explanation : Concrete Outfall Retaining Wall With Minor Spalls In Corners</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

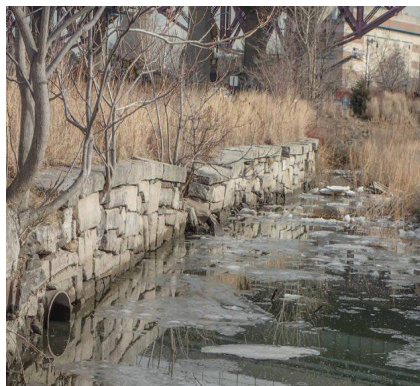
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : WEST SHORE BULKHEAD/SEAWALL  
 Address : RANDALLS ISLAND ICAHN STADIUM TO FORMER FERRY LANDING  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PARM104.090 / 13865 Yr Built/Renovated :  
 Linear Ft : 1,070 Project Type : PARKS AND RECREATION  
 Date of Survey : 03-Jan-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 1819 Lot : 203 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$291,700	\$140,500
<b>Total</b>	<b>\$291,700</b>	<b>\$140,500</b>
Importance Code A	\$291,700	\$81,600
Importance Code B		\$58,900
<b>Total</b>	<b>\$291,700</b>	<b>\$140,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$29,400		\$2,300	
<b>Total</b>	<b>\$29,400</b>		<b>\$2,300</b>	
Importance Code B	\$29,400		\$2,300	
<b>Total</b>	<b>\$29,400</b>		<b>\$2,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST SHORE BULKHEAD/SEAWALL**  
**Asset # : 13865**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Gravity Wall								
Stone	5%	Now	\$164,300	LIFE	**	5	\$4,500	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 160 Feet; 183 To 217 Feet; And 259 To 275 Feet; (From East End Along Parking Lot)</i>								
<i>Explanation : Collapse/ Partial Collapse</i>								
Stone	5%	4+	\$54,800	LIFE	**	5	\$4,500	
<i>Displaced Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 760 Feet; 800 Feet To 850 Feet From East</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 450 Feet, 528 Feet - 556 Feet; And 702 Feet From East End</i>								
<i>Explanation : Displaced Blocks At Trees Growing Through Wall</i>								
Stone	80%			LIFE	**	5	\$145,100	
<i>Not Plumb, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastern 324 Feet, 735 Feet To 785 Feet, And 905 Feet To 1010 Feet From East End Of Asset.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 605 Feet From East End Of The Asset</i>								
<i>Explanation : Heavy Vegetation</i>								
No Component	10%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : 324 Feet To 417 Feet From East End Of The Asset</i>								
<i>Explanation : At Foot Of Pedestrian Bridge</i>								
<b>Backfill</b>								
Fill								
Topsoil	10%	Now	\$23,500	2069	**			
<i>Sinkhole, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 735 Feet To 745 Feet From East End Of The Asset</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : 160 Feet; 183 - 217 Feet; And 259 - 275 Feet; (From East End Along Parking Lot)</i>								
<i>Explanation : Fill Loss At Partial Collapse Locations</i>								
Not Accessible	90%							
<b>Surface</b>								
Topsoil	10%	Now	\$5,900	2029	\$5,900	5	\$300	
<i>Erosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Localized Areas Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 70%</i>								
<i>Location : 160 Feet; 183 - 217 Feet; And 259 - 275 Feet; (From East End Along Parking Lot)</i>								
<i>Explanation : Fill Loss At Partial Collapse Locations</i>								
Topsoil	90%			2027	\$53,000	5	\$4,500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

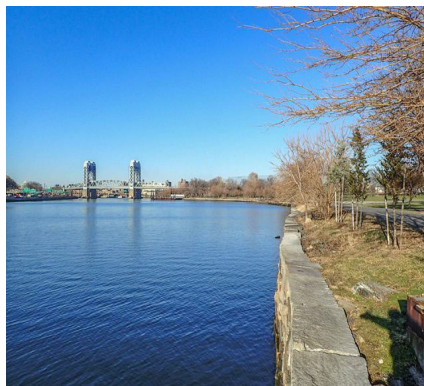
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : WEST SHORE BULKHEAD/SEAWALL  
**Address** : RANDALLS ISLAND / 116TH STREET BARGE TO NYPD  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.100 / 13866 **Yr Built/Renovated** :  
**Linear Ft** : 2,654 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$2,262,600	\$329,900
<b>Total</b>	<b>\$2,262,600</b>	<b>\$329,900</b>
Importance Code A	\$2,043,900	\$220,400
Importance Code B	\$218,700	\$109,500
<b>Total</b>	<b>\$2,262,600</b>	<b>\$329,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads				\$2,800
<b>Total</b>				<b>\$2,800</b>
Importance Code B				\$2,800
<b>Total</b>				<b>\$2,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**WEST SHORE BULKHEAD/SEAWALL**  
**Asset # : 13866**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall							
	Stone	35%	Now	\$1,902,200	LIFE	**	5	\$78,700
		<i>Displaced Elements, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Near South Boundary Caused By Vegetation</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Explanation : Partial Collapse Of Top Half Of Wall</i>						
	Stone	63%			LIFE	**	5	\$283,400
	No Component	2%						
<b>Backfill</b>								
	Fill							
	Topsoil	30%	Now	\$174,900	2069	**		
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Typically Extends 4 Feet From Back Face Of Asset</i>						
		<i>Explanation : Fill Loss At Partially Collapsed Sections</i>						
	Not Accessible	70%						
<b>Surface</b>								
	Stone	25%			2038	**	10	
	Topsoil	30%	Now	\$43,800	2029	\$43,800	5	\$1,900
		<i>Settlement, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Sinkholes Isolated Throughout</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Fill Loss At Partially Collapsed Locations</i>						
	Topsoil	45%			2028	\$65,700	5	\$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.



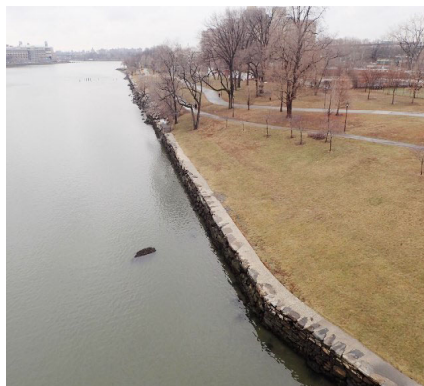
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : WEST SHORE GRAVITY WALL  
**Address** : RANDALLS ISLAND / NORTH OF PED BR. TO PILE FIELD  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.060 / 13862 **Yr Built/Renovated** :  
**Linear Ft** : 1,075 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Bulkheads	\$296,900	\$99,000
<b>Total</b>	<b>\$296,900</b>	<b>\$99,000</b>
Importance Code A	\$256,600	\$54,700
Importance Code B		\$44,400
Importance Code C	\$40,400	
<b>Total</b>	<b>\$296,900</b>	<b>\$99,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Bulkheads	\$40,300		\$1,300	\$1,500
<b>Total</b>	<b>\$40,300</b>		<b>\$1,300</b>	<b>\$1,500</b>
Importance Code B	\$38,400		\$1,300	\$1,500
Importance Code C	\$1,900			
<b>Total</b>	<b>\$40,300</b>		<b>\$1,300</b>	<b>\$1,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST SHORE GRAVITY WALL**  
**Asset # : 13862**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
Gravity Wall								
	Stone	40%			LIFE	**	5	\$72,900
	Stone	20%	4+	\$220,100	LIFE	**	5	\$18,200
<i>Displaced Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 157 Feet To 186 Feet And 825 Feet To The North End Of Asset. Start Of Asset At Pedestrian Bridge.</i>								
	No Component	40%						
<b>Revetment</b>								
	Stone	5%	4+	\$40,400	LIFE	**	5	\$300
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : From 400 Feet To 430 Feet And From 575 Feet To 780 Feet North Of Start Of Asset At Pedestrian Bridge</i>								
<i>Explanation : Inadequate Stone Armor And Steep Slope</i>								
	Stone	30%			LIFE	**	5	\$3,900
	No Component	65%						
<b>Backfill</b>								
Fill								
	Topsoil	25%	Now	\$23,600	2064	**		
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : At 55 Feet To 125 Feet; 155 Feet To 86 Feet; 225 Feet To 245 Feet And 825 Feet To End Of Asset At The North.</i>								
<i>Explanation : Fill Loss</i>								
	Not Accessible	75%						
<b>Surface</b>								
	Concrete	25%			2038	**	5	\$3,100
	Topsoil	50%			2027	\$29,600	5	\$2,500
	Topsoil	25%	Now	\$14,800	2029	\$14,800	5	\$600
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : At 55 Feet - 125 Feet; 155 Feet - 186 Feet; 225 Feet - 245 Feet; And 825 Feet To End Of Asset At The North.</i>								
<i>Explanation : Fill Loss</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : WEST SHORE RANDALLS ISLAND GRAVITY WALL  
 Address : N OF PILE FIELD TO /BRIDGE BET WARDS AND S RANDALLS  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PARM104.070 / 13863 Yr Built/Renovated :  
 Linear Ft : 2,756 Project Type : PARKS AND RECREATION  
 Date of Survey : 17-Jan-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 1819 Lot : 1 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Bulkheads	\$2,564,700	\$466,100
<b>Total</b>	<b>\$2,564,700</b>	<b>\$466,100</b>
Importance Code A	\$2,504,100	\$210,200
Importance Code B	\$60,600	\$255,900
<b>Total</b>	<b>\$2,564,700</b>	<b>\$466,100</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Bulkheads	\$33,600			\$7,000
<b>Total</b>	<b>\$33,600</b>			<b>\$7,000</b>
Importance Code B	\$30,300			\$7,000
Importance Code C	\$3,300			
<b>Total</b>	<b>\$33,600</b>			<b>\$7,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WEST SHORE RANDALLS ISLAND GRAVITY WALL**

**Asset # : 13863**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
Gravity Wall								
	Stone	55%	4+	\$776,000	LIFE	**	5	\$128,500
<i>Displaced Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : 315 Feet To 845 Feet 1,300 Feet To 1,500 Feet 1,640 Feet To 2,000 Feet 2,215 Feet To 2,645 Feet From Asset Beginning At The North.</i>								
	Stone	15%			LIFE	**	5	\$70,100
	Stone	20%	Now	\$1,693,100	LIFE	**	5	\$46,700
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 1,845 Feet To 1,165 Feet; 1,500 Feet To 1,640 Feet; 2,320 Feet To 2,330 Feet; And 2,645 Feet To 2,750 Feet South Of The Northern Start Location</i>								
<i>Explanation : Partial Collapse</i>								
	No Component	10%						
<b>Revetment</b>								
	Stone	20%			LIFE	**	5	\$6,600
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Northern 315 Feet And 2,000 Feet To 2,215 Feet South Of The Northern Start Location</i>								
<i>Explanation : Insufficient Stone</i>								
	No Component	80%						
<b>Backfill</b>								
Fill								
	Topsoil	10%	Now	\$60,600	2069	**		
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At 590 To 820 Feet; 990 To 1,020 Feet; And Isolated South To End Of Asset</i>								
<i>Explanation : Erosion And Sinkholes</i>								
	Not Accessible	90%						
<b>Surface</b>								
	Asphalt	20%			2038	**	5	\$6,300
	Topsoil	20%	Now	\$30,300	2029	\$30,300	5	\$1,300
<i>Erosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Isolated Between 590 Feet And The End Of The Asset. Light Undermining Of Walkway At 725 Feet South Of Asset Start</i>								
	Topsoil	60%			2028	\$91,000	5	\$7,700
<b>Deck Elements</b>								
Railing								
	Steel	5%			2027	\$134,600		
	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ASTORIA PARK RETAINING WALL  
**Address** : HOYT AVENUE AND 21 STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0013.070 / 14937 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,128 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$76,000	
<b>Total</b>	<b>\$76,000</b>	
Importance Code A	\$76,000	
<b>Total</b>	<b>\$76,000</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$19,000			
<b>Total</b>	<b>\$19,000</b>			
Importance Code A	\$8,200			
Importance Code B	\$10,700			
<b>Total</b>	<b>\$19,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK RETAINING WALL**  
**Asset # : 14937**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$10,700	LIFE	**	5		
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : At Fence Posts</i> <i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i> <i>Location : At Corners And At Random Locations Throughout</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i> <i>Location : 255 Feet From Northwest Corner</i> <i>Vegetation Growth, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>							
Wall/Fence								
Metal Fence	20%	4+	\$8,200	LIFE	**	4-8	\$1,300	
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Bent Top Rail North Side And South East Corner</i> <i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : At North East Corner</i> <i>Explanation : Holes In Fence</i>							
Masonry:Granite	75%	4+	\$76,000	LIFE	**	5	\$4,200	
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : 170 Feet From North West Corner, 20 Feet From South Of North East Corner</i> <i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i> <i>Location : 255 Feet From North West Corner</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i> <i>Location : 220 Feet Froom North West Corner, At North East Corner, And At South East Corner</i> <i>Vegetation Growth, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>							
Masonry:Granite	5%			LIFE	**	5	\$300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST AVE. OF THE AMERICAS - 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W91 / 180 **Yr Built/Renovated** : 1870 /  
**Area Sq Ft** : 9,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$209,600	
<b>Total</b>	<b>\$209,600</b>	
Importance Code A	\$209,600	
<b>Total</b>	<b>\$209,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$46,700			
<b>Total</b>	<b>\$46,700</b>			
Importance Code A	\$19,500			
Importance Code B	\$27,200			
<b>Total</b>	<b>\$46,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 180**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Brownstone	95%	2-4	\$2,600	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Opposite Park Lane Hotel</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Near Subway Entrance</i>								
Masonry:Granite	5%	4+	\$700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Brownstone	70%	Now	\$209,600	LIFE	**	5	\$3,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Both Sides</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Opposite 40 Central Park South</i>								
Masonry:Granite	5%	Now	\$7,500	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bolivar Plaza</i>								
Masonry:Schist/Gneiss	20%	Now	\$12,000	LIFE	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Component Is Actually Bluestone</i>								
Steel Grating	5%			2049	**			
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Eastern End on Park Side</i>								
<i>Explanation : Subway Ventilation Openings</i>								
Base								
Concrete	5%	Now	\$17,200	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Subway Ventilation Openings, Park Side</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Subway Ventilation Openings, Park Side</i>								
Masonry:Schist/Gneiss	20%	4+	\$5,200	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	75%			LIFE	**	5	\$3,100	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 102 ST. TO CENTRAL PARK NORTH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W82 / 235 **Yr Built/Renovated** : 1904 /  
**Area Sq Ft** : 20,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$923,500	
<b>Total</b>	<b>\$923,500</b>	
Importance Code A	\$636,700	
Importance Code B	\$286,800	
<b>Total</b>	<b>\$923,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$13,000			
<b>Total</b>	<b>\$13,000</b>			
Importance Code A	\$3,400			
Importance Code B	\$9,600			
<b>Total</b>	<b>\$13,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 235**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	4+	\$9,400	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Opposite East 107 Street</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Wall/Fence								
Metal Fence	8%	4+	\$3,400	LIFE	**	4-8	\$1,700	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1260 Feet From North End Of Wall</i>								
<i>Explanation : 160 Feet Long Fence 10 Feet Tall With Granite Base</i>								
Masonry:Brownstone	92%	4+	\$636,700	LIFE	**	5	\$10,400	
<i>Impact Damage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pedestrian Entrance Opposite E.106 Street</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South Of E. 108 Street At 85, 112, And 1445 Feet From North End Of Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At 85, 112, And 1445 Feet From North End Of Wall</i>								
<i>Explanation : Tree With Diameter More Than 3 Inches</i>								
Base								
Masonry:Granite	5%			LIFE	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Opposite East 106 Street</i>								
<i>Explanation : Memorial Monuments Excluded From This Survey</i>								
Masonry:Schist/Gneiss	95%	4+	\$286,800	LIFE	**	5	\$4,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Vegetation Growth</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

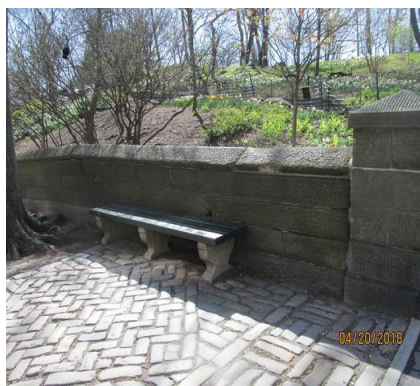
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 97TH TO E. 102ND ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W83 / 236 **Yr Built/Renovated** : 1872 /  
**Area Sq Ft** : 6,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$581,100	
<b>Total</b>	<b>\$581,100</b>	
Importance Code A	\$404,600	
Importance Code B	\$176,500	
<b>Total</b>	<b>\$581,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$42,200			
<b>Total</b>	<b>\$42,200</b>			
Importance Code A	\$21,300			
Importance Code B	\$20,900			
<b>Total</b>	<b>\$42,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 236**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	4+	\$11,600	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Opposite E. 101 Street</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : At 745 Feet, 1200 Feet, And 1250 Feet From South End All At Tree Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green Algae And Black Discoloration</i>								
Wall/Fence								
Masonry:Brownstone	95%	4+	\$404,600	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Opposite E. 100, 101, 102 Street And At 745 Feet, 1200 Feet, And 1250 Feet From South End All At Tree Locations</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At 745 Feet, 1200 Feet, And 1250 Feet From South End All At Tree Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green Algae And Black Discoloration</i>								
Masonry:Schist/Gneiss	5%	4+	\$21,300	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Base								
Masonry:Granite	5%	4+	\$9,300	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry:Schist/Gneiss	95%	4+	\$176,500	LIFE	**	5	\$1,400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Opposite E. 101 Street</i>								
<i>Explanation : Memorial Monument At E. 101 Street Excluded From This Survey</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 90TH TO E. 97TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W84 / 237 **Yr Built/Renovated** : 1871 /  
**Area Sq Ft** : 19,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$697,400	
<b>Total</b>	<b>\$697,400</b>	
Importance Code A	\$652,100	
Importance Code B	\$45,300	
<b>Total</b>	<b>\$697,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 237**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$45,300	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green Algae And Black Discoloration</i>								
Wall/Fence								
Masonry:Granite	80%	4+	\$521,700	LIFE	**	5	\$13,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout East Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Granite Observed South Of 96th Street And Heavy Weathering Throughout</i>								
<i>Explanation : Construction Change</i>								
Masonry:Schist/Gneiss	20%	4+	\$130,400	LIFE	**	5	\$3,300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 17%</i>								
<i>Location : Schist Construction North Of 96th Street And Heavy Weathering Throughout</i>								
<i>Explanation : Construction Change</i>								
Base								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Memorial Monuments Along Fifth Avenue Excluded From This Survey</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 85TH TO E. 90TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W85 / 238 **Yr Built/Renovated** : 1871 /  
**Area Sq Ft** : 14,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$489,100	
<b>Total</b>	<b>\$489,100</b>	
Importance Code A	\$489,100	
<b>Total</b>	<b>\$489,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$34,000			
<b>Total</b>	<b>\$34,000</b>			
Importance Code A				
Importance Code B	\$34,000			
<b>Total</b>	<b>\$34,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 238**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$34,000	LIFE	**	5	\$200	
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At 260 Feet And 520 Feet From South End At Tree Locations.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Green Algae And Black Discoloration</i>					
Wall/Fence								
Masonry:Granite	15%	4+	\$73,400	LIFE	**	5	\$1,900	
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
Masonry:Schist/Gneiss	85%	4+	\$415,700	LIFE	**	5	\$10,700	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 84TH TO E. 85TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W86 / 239 **Yr Built/Renovated** : 1871 /  
**Area Sq Ft** : 1,750 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$150,700	
<b>Total</b>	<b>\$150,700</b>	
Importance Code A	\$150,700	
<b>Total</b>	<b>\$150,700</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$64,300			
<b>Total</b>	<b>\$64,300</b>			
Importance Code A	\$33,500			
Importance Code B	\$30,900			
<b>Total</b>	<b>\$64,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 239**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Brownstone	75%	2-4	\$4,800	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At 84th Street Entrance</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At 84th Street Entrance</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green Algae And Black Discoloration</i>								
Masonry:Schist/Gneiss	25%	4+	\$700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Brownstone	75%	2-4	\$150,700	LIFE	**	5	\$700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout And Crack At 8 Feet From South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Large Tree 75 Feet From South End</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green Algae And Black Discoloration</i>								
Masonry:Schist/Gneiss	25%	4+	\$33,500	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk And At North End</i>								
<i>Explanation : This Component Is Actually Bluestone.</i>								
Base								
Masonry:Schist/Gneiss	100%	4+	\$25,400	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Park Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

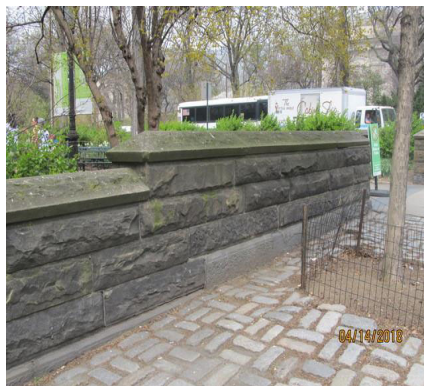
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK PERIMETER WALL  
 Address : 5TH AVE. TO CENTRAL PARK WEST E. 72ND TO E. 80TH ST.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0018.W88 / 240 Yr Built/Renovated : 1870 /  
 Area Sq Ft : 24,700 Project Type : PARKS AND RECREATION  
 Date of Survey : 25-Mar-2018 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$1,582,300	
<b>Total</b>	<b>\$1,582,300</b>	
Importance Code A	\$1,181,300	
Importance Code B	\$401,000	
<b>Total</b>	<b>\$1,582,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,400			
<b>Total</b>	<b>\$1,400</b>			
Importance Code A				
Importance Code B	\$1,400			
<b>Total</b>	<b>\$1,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 240**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Brownstone	95%	4+	\$42,500	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Near 73rd, 74th, And 75th Street Near Trees</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green Algae And Black Discoloration</i>								
Masonry:Granite	5%	4+	\$1,400	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At 72 Street Entrance</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At 72 Street Entrance Pier Not Plumb</i>								
Wall/Fence								
Masonry:Brownstone	75%	4+	\$708,800	LIFE	**	5	\$10,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout Both Sides</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Opposite 955 Fifth Avenue, Near 73rd, 74th, And 75th Street</i>								
<i>Staining/Scaling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 4%</i>								
<i>Location : 80 Foot Gap In Wall At 79th Street, Random 12 Foot Gaps At Park Entrances, And 24 Foot Driveway At 79th Street North</i>								
<i>Explanation : Gap In Wall</i>								
Masonry:Granite	2%	4+	\$37,800	LIFE	**	5	\$400	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At 72 Street Entrance</i>								
Masonry:Schist/Gneiss	23%	4+	\$434,700	LIFE	**	5	\$4,800	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Material Is Actually Bluestone.</i>								
Base								
Masonry:Schist/Gneiss	100%	Now	\$358,500	LIFE	**	5	\$5,600	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Wall Facing Park</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Park Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 60TH TO E. 72ND ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W89 / 241 **Yr Built/Renovated** : 1870 /  
**Area Sq Ft** : 26,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$301,400	
<b>Total</b>	<b>\$301,400</b>	
Importance Code A	\$250,900	
Importance Code B	\$50,600	
<b>Total</b>	<b>\$301,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$13,700			
<b>Total</b>	<b>\$13,700</b>			
Importance Code A	\$7,100			
Importance Code B	\$6,700			
<b>Total</b>	<b>\$13,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 241**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	2-4	\$4,700	LIFE	**	5	\$300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Subway Entrance, Near East 63rd Street</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Corner Of 60th Street And Fifth Avenue</i>								
Wall/Fence								
Masonry:Brownstone	47%	2-4	\$203,300	LIFE	**	5	\$6,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Opposite 905 Fifth Avenue, Entrance Near 67th Street</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Brownstone	28%			LIFE	**	5	\$7,900	
Masonry:Schist/Gneiss	11%	2-4	\$47,600	LIFE	**	5	\$2,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Material Is Actually Bluestone</i>								
Masonry:Schist/Gneiss	14%			LIFE	**	5	\$6,200	
Base								
Masonry:Schist/Gneiss	67%	Now	\$50,600	LIFE	**	5	\$4,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Park Side</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Wall Facing Park</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Wall Facing Park</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : 69th Street</i>								
<i>Explanation : Undermined</i>								
Masonry:Schist/Gneiss	33%			LIFE	**	5	\$3,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 59TH TO E. 60TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W90 / 250 **Yr Built/Renovated** : 1870 /  
**Area Sq Ft** : 1,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$18,500			
<b>Total</b>	<b>\$18,500</b>			
Importance Code A	\$15,400			
Importance Code B	\$3,100			
<b>Total</b>	<b>\$18,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 250**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Brownstone	100%	2-4	\$2,700	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Brownstone	60%	4+	\$15,000	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Brownstone	15%			LIFE	**	5	\$200	
Masonry:Schist/Gneiss	25%			LIFE	**	5	\$600	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Material Is Actually Bluestone.</i>								
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Park Side</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Park Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK PERIMETER WALL  
 Address : 5TH AVE. TO CENTRAL PARK WEST A.C. POWELL BLVD TO CENT. PARK W  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0018.W79 / 252 Yr Built/Renovated : 1873 /  
 Area Sq Ft : 9,350 Project Type : PARKS AND RECREATION  
 Date of Survey : 09-Apr-2018 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$62,200	
<b>Total</b>	<b>\$62,200</b>	
Importance Code A	\$62,200	
<b>Total</b>	<b>\$62,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,700			
<b>Total</b>	<b>\$3,700</b>			
Importance Code A				
Importance Code B	\$3,700			
<b>Total</b>	<b>\$3,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 252**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	64%	4+	\$3,600	LIFE	**	5	\$100	
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 12%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Green And Black Discoloration</i>					
Masonry:Brownstone	36%			LIFE	**	5	\$100	
Wall/Fence								
Masonry:Brownstone	100%	4+	\$62,200	LIFE	**	5	\$5,100	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 12%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Green And Black Discoloration And Some Vegetation Growth</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST LENOX AVE. TO A.C. POWELL BLVD.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W80 / 253 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 9,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$59,900	
<b>Total</b>	<b>\$59,900</b>	
Importance Code A	\$59,900	
<b>Total</b>	<b>\$59,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$5,100			
<b>Total</b>	<b>\$5,100</b>			
Importance Code A				
Importance Code B	\$5,100			
<b>Total</b>	<b>\$5,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 253**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	55%	2-4	\$3,000	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Masonry:Brownstone	45%			LIFE	**	5	\$100	
Wall/Fence								
Masonry:Brownstone	100%	2-4	\$59,900	LIFE	**	5	\$4,900	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$4,100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST FIFTH AVE. TO LENOX AVE.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W81 / 254 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 8,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$56,600	
<b>Total</b>	<b>\$56,600</b>	
Importance Code A	\$56,600	
<b>Total</b>	<b>\$56,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,500			
<b>Total</b>	<b>\$4,500</b>			
Importance Code A				
Importance Code B	\$4,500			
<b>Total</b>	<b>\$4,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 254**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	4+	\$2,600	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Wall/Fence								
Masonry:Brownstone	100%	4+	\$56,600	LIFE	**	5	\$4,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$3,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST W. 90TH TO W. 81ST ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W97 / 1064 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 21,060 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$41,200			
<b>Total</b>	<b>\$41,200</b>			
Importance Code A	\$13,100			
Importance Code B	\$28,200			
<b>Total</b>	<b>\$41,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1064**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	58%	2-4	\$7,400	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Brownstone	42%	Now	\$16,000	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 82nd Street To 83rd Street</i>								
Wall/Fence								
Masonry:Brownstone	75%			LIFE	**	5	\$17,100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	25%			LIFE	**	5	\$9,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$9,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST W. 100TH TO W. 90TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W98 / 1065 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 23,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$40,500	
<b>Total</b>	<b>\$40,500</b>	
Importance Code A	\$40,500	
<b>Total</b>	<b>\$40,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$21,800			
<b>Total</b>	<b>\$21,800</b>			
Importance Code A	\$9,400			
Importance Code B	\$12,400			
<b>Total</b>	<b>\$21,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1065**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	2-4	\$7,100	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Wall/Fence								
Masonry:Brownstone	26%	2-4	\$40,500	LIFE	**	5	\$3,300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Masonry:Brownstone	74%			LIFE	**	5	\$18,800	
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$10,700	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 7TH TO AVE. OF THE AMERICAS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W92 / 1076 **Yr Built/Renovated** : 1870 /  
**Area Sq Ft** : 4,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$78,300	
<b>Total</b>	<b>\$78,300</b>	
Importance Code A	\$78,300	
<b>Total</b>	<b>\$78,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$18,000			
<b>Total</b>	<b>\$18,000</b>			
Importance Code A	\$11,800			
Importance Code B	\$6,200			
<b>Total</b>	<b>\$18,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1076**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Brownstone	69%	2-4	\$5,200	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose/Delam Surface, Extent : Light, Area Affected : 2%</i>								
<i>Location : Opposite 150 Central Park South</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : About 150 Feet From West Drive</i>								
Masonry:Brownstone	29%			LIFE	**	5		
Masonry:Granite	2%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Artists Gate</i>								
Wall/Fence								
Masonry:Brownstone	56%	2-4	\$78,300	LIFE	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Park Side, Opposite 116 - 120 Central Park South</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Both Sides</i>								
Masonry:Granite	2%			LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : At Artists Gate</i>								
Masonry:Schist/Gneiss	42%	4+	\$11,700	LIFE	**	5	\$1,500	
<i>Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Component Is Actually Bluestone.</i>								
Base								
Masonry:Granite	2%			LIFE	**	5		
Masonry:Schist/Gneiss	98%			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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CENTRAL PARK PERIMETER WALL  
 Address : 5TH AVE. TO CENTRAL PARK WEST COLUMBUS CIRCLE TO 7TH AVE.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0018.W93 / 1077 Yr Built/Renovated : 1870 /  
 Area Sq Ft : 2,650 Project Type : PARKS AND RECREATION  
 Date of Survey : 16-Mar-2018 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$42,900			
<b>Total</b>	<b>\$42,900</b>			
Importance Code A	\$20,400			
Importance Code B	\$22,400			
<b>Total</b>	<b>\$42,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1077**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	4+	\$3,200	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose/Delam Surface, Extent : Light, Area Affected : 10%</i>								
<i>Location : Opposite 210 - 220 Central Park South</i>								
Wall/Fence								
Masonry:Brownstone	80%	4+	\$14,100	LIFE	**	5	\$1,200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Both Sides</i>								
Masonry:Schist/Gneiss	14%	4+	\$6,200	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Component Is Actually Bluestone.</i>								
Masonry:Schist/Gneiss	6%			LIFE	**	5	\$300	
Base								
Masonry:Schist/Gneiss	100%	4+	\$19,200	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Park Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST W. 72ND ST. TO COLUMBUS CIRCLE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W94 / 1078 **Yr Built/Renovated** : 1870 /  
**Area Sq Ft** : 26,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$51,100	
<b>Total</b>	<b>\$51,100</b>	
Importance Code A	\$51,100	
<b>Total</b>	<b>\$51,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$21,100			
<b>Total</b>	<b>\$21,100</b>			
Importance Code A	\$11,900			
Importance Code B	\$9,200			
<b>Total</b>	<b>\$21,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1078**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	4+	\$3,200	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Brownstone	29%	4+	\$51,100	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Brownstone	51%			LIFE	**	5	\$14,700	
Masonry:Schist/Gneiss	20%			LIFE	**	5	\$9,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Component Is Actually Bluestone.</i>								
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$12,100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Park Side</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Park Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST W. 78TH TO W. 72ND ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W95 / 1079 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 25,300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$60,600	
<b>Total</b>	<b>\$60,600</b>	
Importance Code A	\$60,600	
<b>Total</b>	<b>\$60,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,400			
<b>Total</b>	<b>\$23,400</b>			
Importance Code A	\$10,400			
Importance Code B	\$13,000			
<b>Total</b>	<b>\$23,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1079**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	98%	2-4	\$7,500	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	2%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : At W.77 - W.78 Street</i>								
Wall/Fence								
Masonry:Brownstone	36%	Now	\$60,600	LIFE	**	5	\$4,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Brownstone	44%			LIFE	**	5	\$12,100	
Masonry:Schist/Gneiss	20%			LIFE	**	5	\$8,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Stone Course Adjacent To Sidewalk</i>								
<i>Explanation : This Material Is Actually Bluestone.</i>								
Base								
Concrete	5%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Park Side of Wall</i>								
<i>Explanation : Subway Ventilation Openings</i>								
Masonry:Schist/Gneiss	95%			LIFE	**	5	\$10,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, 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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : W.81ST ST. TO W.78TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W96 / 1080 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 6,900 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Mar-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$31,000			
<b>Total</b>	<b>\$31,000</b>			
Importance Code A	\$25,400			
Importance Code B	\$5,600			
<b>Total</b>	<b>\$31,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1080**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	5%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	76%	2-4	\$4,000	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	19%			LIFE	**	5		
Wall/Fence								
Masonry:Brownstone	5%			LIFE	**	5	\$400	
Masonry:Granite	5%	0-2	\$2,300	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	44%	0-2	\$20,200	LIFE	**	5	\$2,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	46%			LIFE	**	5	\$5,400	
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$3,100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CENTRAL PARK PERIMETER WALL  
**Address** : 5TH AVE. TO CENTRAL PARK WEST CENTRAL PARK N. TO W. 100TH ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.W99 / 2731 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 24,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Apr-2018 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$180,800	
<b>Total</b>	<b>\$180,800</b>	
Importance Code A	\$180,800	
<b>Total</b>	<b>\$180,800</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$21,200			
<b>Total</b>	<b>\$21,200</b>			
Importance Code A	\$7,500			
Importance Code B	\$13,700			
<b>Total</b>	<b>\$21,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 2731**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	2-4	\$3,000	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Green And Black Discoloration And Some Vegetation Growth</i>								
Wall/Fence								
Masonry:Brownstone	44%	2-4	\$180,800	LIFE	**	5	\$5,900	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 12%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Of West 107 And 108 Streets</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Green And Black Discoloration Throughout</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Brownstone	56%			LIFE	**	5	\$15,000	
Base								
Masonry:Schist/Gneiss	15%	4+	\$10,800	LIFE	**	5	\$800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Not Accessible	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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING WALL  
**Address** : NORTHEAST CORNER OF PARK NORTHWEST OF BALL FIELD  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.025 / 14637 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,155 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$66,500	
<b>Total</b>	<b>\$66,500</b>	
Importance Code A	\$66,500	
<b>Total</b>	<b>\$66,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$25,300			
<b>Total</b>	<b>\$25,300</b>			
Importance Code A	\$400			
Importance Code B	\$25,000			
<b>Total</b>	<b>\$25,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING WALL**  
**Asset # : 14637**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Rubble Stone	80%	Now	\$21,700	LIFE	**	5	\$300
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i> <i>Location : Random Locations Throughout The Wall.</i> <i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i> <i>Location : Random Locations Throughout The Wall.</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i> <i>Location : Mostly On The North End Of The Wall.</i>						
	Rubble Stone	20%	2-4	\$3,300	LIFE	**	5	\$100
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random Locations Throughout.</i> <i>Vegetation Growth, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout.</i>						
Wall/Fence	Masonry:Granite	2%	2-4	\$400	LIFE	**	5	\$100
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i> <i>Location : North End Of The Wall.</i>						
	Rubble Stone	70%	2-4	\$66,500	LIFE	**	5	\$1,600
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 1%</i> <i>Location : North End Of The Wall.</i> <i>Cracks-Diagonal, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout The Wall.</i> <i>Cracks-Horizontal, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout The Wall.</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Concrete Finish At The East Face Of The Wall.</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout The Wall.</i> <i>Cracks-Vertical, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout The Wall.</i> <i>Other Observation, Extent : Light, Area Affected : 95%</i> <i>Location : East Face Of The Wall.</i> <i>Explanation : East Face Of The Wall Has Concrete Finish.</i>						
	Rubble Stone	28%			LIFE	**	5	\$600
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : E170 ST AND TELLER AVE NORTH  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.015 / 14588 **Yr Built/Renovated** :  
**Area Sq Ft** : 810 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,200			
<b>Total</b>	<b>\$6,200</b>			
Importance Code A	\$4,900			
Importance Code B	\$1,300			
<b>Total</b>	<b>\$6,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14588**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$1,300	LIFE				**
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near The South End Of The Wall.</i>					
			<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout.</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$4,900	LIFE		**	5	\$700
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near The South End Of The Wall.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : TELLER AVE BET E170 AND E171 STS NORTH TO E 172 STREET  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.016 / 14589 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,675 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$46,200	
<b>Total</b>	<b>\$46,200</b>	
Importance Code A	\$46,200	
<b>Total</b>	<b>\$46,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,300			
<b>Total</b>	<b>\$5,300</b>			
Importance Code A				
Importance Code B	\$5,300			
<b>Total</b>	<b>\$5,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14589**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	80%	4+	\$5,300	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	20%			LIFE	**	5	\$200	
Wall/Fence								
Rubble Stone	100%	4+	\$46,200	LIFE	**	5	\$5,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : E172 ST AND TELLER AVE NORTH TO MORRIS AVE  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.017 / 14590 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,368 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$55,300	
<b>Total</b>	<b>\$55,300</b>	
Importance Code A	\$55,300	
<b>Total</b>	<b>\$55,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$4,100			
<b>Total</b>	<b>\$4,100</b>			
Importance Code A				
Importance Code B	\$4,100			
<b>Total</b>	<b>\$4,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14590**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Rubble Stone	100%	4+	\$4,100	LIFE	**	5	\$200
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout.</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout.</i> <i>Loose Elements, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout.</i>								
Wall/Fence	Rubble Stone	95%	4+	\$33,900	LIFE	**	5	\$1,600
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 3%</i> <i>Location : Random Locations Throughout.</i> <i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout.</i> <i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%</i> <i>Location : Random Locations Throughout.</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i> <i>Location : At The North End Of The Wall</i>								
	Rubble Stone	5%	Now	\$21,400	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i> <i>Location : At The North End Of The Wall.</i> <i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i> <i>Location : At The North End Of The Wall</i> <i>Loose Elements, Extent : Moderate, Area Affected : 25%</i> <i>Location : At The North End Of The Wall.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : TELL AND MORRIS AVES NORTH TO MOUNT EDEN PARKWAY  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.018 / 14591 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,195 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$22,400			
<b>Total</b>	<b>\$22,400</b>			
Importance Code A	\$19,600			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$22,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14591**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	90%	4+	\$1,700	LIFE	**	5	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	10%	0-2	\$1,100	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At The South End Of The Wall.</i>								
Wall/Fence								
Rubble Stone	98%	4+	\$13,000	LIFE	**	5	\$1,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	2%	Now	\$6,600	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At The South End Of The Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout.</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : TELLER AVE AND MT. EDEN PKWAY EAST TO EASTBURN AVE  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.019 / 14592 **Yr Built/Renovated** :  
**Area Sq Ft** : 992 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,700			
<b>Total</b>	<b>\$7,700</b>			
Importance Code A	\$6,000			
Importance Code B	\$1,700			
<b>Total</b>	<b>\$7,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14592**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	4+	\$1,700	LIFE	**	5	\$100	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout.</i>					
Wall/Fence								
Rubble Stone	100%	4+	\$6,000	LIFE	**	5	\$700	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : CLAREMONT PARK RETAINING/PERIMETER WALL  
 Address : E. MT. EDEN AND EASTBURN AVES E. MT. EDEN AND MONROE AVE  
 Borough : BRONX Agency's Number : X008  
 Program / Asset # : PAR0067.020 / 14593 Yr Built/Renovated :  
 Area Sq Ft : 2,905 Project Type : PARKS AND RECREATION  
 Date of Survey : 17-Dec-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$42,700	
<b>Total</b>	<b>\$42,700</b>	
Importance Code A	\$42,700	
<b>Total</b>	<b>\$42,700</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,900			
<b>Total</b>	<b>\$4,900</b>			
Importance Code A				
Importance Code B	\$4,900			
<b>Total</b>	<b>\$4,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14593**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Coping								
	Concrete	1%			LIFE	**		
	Rubble Stone	55%	4+	\$2,700	LIFE	**	5	\$200
<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout.</i> <i>Loose Elements, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout.</i>								
	Rubble Stone	44%	0-2	\$2,200	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i> <i>Location : At The East End Of The Wall.</i> <i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i> <i>Location : Random Locations Throughout.</i> <i>Loose Elements, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout.</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i> <i>Location : At The East End Of The Wall.</i>								
Wall/Fence								
	Concrete	1%			LIFE	**	5	
	Rubble Stone	94%	4+	\$16,400	LIFE	**	5	\$2,000
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout.</i>								
	Rubble Stone	5%	2-4	\$26,200	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i> <i>Location : At The East End Of The Wall.</i> <i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i> <i>Location : Random Locations Throughout.</i> <i>Loose Elements, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout.</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i> <i>Location : At The East End Of The Wall.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : E. MT. EDEN AND MONROE AVES EAST TO TOPPING AVE  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.021 / 14594 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,291 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$15,600			
<b>Total</b>	<b>\$15,600</b>			
Importance Code A	\$9,900			
Importance Code B	\$5,800			
<b>Total</b>	<b>\$15,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14594**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Coping								
	Concrete	1%			LIFE	**		
	Rubble Stone	79%	4+	\$3,500	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Loose Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
	Rubble Stone	20%	Now	\$2,200	LIFE	**	5	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At East End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
	Concrete	1%			LIFE	**	5	
	Rubble Stone	97%	4+	\$7,500	LIFE	**	5	\$900
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
	Rubble Stone	2%	Now	\$2,300	LIFE	**	5	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At East End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : CLAY AVE AND CLAREMONT ST NORTH SIDE OF ENTRANCE  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.022 / 14595 **Yr Built/Renovated** :  
**Area Sq Ft** : 415 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls				
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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.*

**DEPT. OF PARKS & RECREATION - 846  
CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14595**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping Concrete	100%			LIFE	**			
<i>Recent Repair Evident, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Wall.</i>								
Wall/Fence Concrete	50%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Masonry Stone Facade</i>								
Masonry:Schist/Gneiss	50%			LIFE	**	5	\$200	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : CLAY AVE AND CLAREMONT ST SOUTH TO E170 ST  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.023 / 14596 **Yr Built/Renovated** :  
**Area Sq Ft** : 26,095 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$338,300	
<b>Total</b>	<b>\$338,300</b>	
Importance Code A	\$338,300	
<b>Total</b>	<b>\$338,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,500			
<b>Total</b>	<b>\$11,500</b>			
Importance Code A	\$4,800			
Importance Code B	\$6,600			
<b>Total</b>	<b>\$11,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14596**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%	4+	\$6,600	LIFE		**		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
Wall/Fence								
Metal Fence	15%	4+	\$4,800	LIFE		**	4-8	\$3,900
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : At The South End Of The Wall</i>					
			<i>Impact Damage, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Middle Portion Of The Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Corrosion</i>					
Masonry:Schist/Gneiss	85%	4+	\$338,300	LIFE		**	5	\$18,900
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : South End Of Wall</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Near The South End Of The Wall.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CLAREMONT PARK RETAINING/PERIMETER WALL  
**Address** : E 170 ST AND CLAY AVE WEST TO E 170 ST AND TELLER AVE  
**Borough** : BRONX **Agency's Number** : X008  
**Program / Asset #** : PAR0067.024 / 14597 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,265 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$38,600	
<b>Total</b>	<b>\$38,600</b>	
Importance Code A	\$38,600	
<b>Total</b>	<b>\$38,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,900			
<b>Total</b>	<b>\$1,900</b>			
Importance Code A				
Importance Code B	\$1,900			
<b>Total</b>	<b>\$1,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14597**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$1,900	LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : East End Of The Wall.</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$38,600	LIFE		**	5	\$1,100
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : West End Portion Of The Wall.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout The South Face Of The Wall.</i>					
			<i>Loose Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : South Face Middle Portion Of The Wall.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout The South Face Of The Wall.</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Some Of The Stone Types Are Sandstone</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TOTTEN RETAINING WALL  
**Address** : W. SIDE OF VISITORS CENTER YARD TO TORPEDO BATTERY TUNNEL  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.997 / 14942 **Yr Built/Renovated** :  
**Area Sq Ft** : 298 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Apr-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,400			
<b>Total</b>	<b>\$5,400</b>			
Importance Code A	\$5,400			
<b>Total</b>	<b>\$5,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN RETAINING WALL**  
**Asset # : 14942**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$5,400	LIFE	**	5	\$200	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TOTTEN RETAINING WALL  
**Address** : ORDNANCE ROAD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.998 / 14865 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,215 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Apr-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,800			
<b>Total</b>	<b>\$9,800</b>			
Importance Code A	\$9,800			
<b>Total</b>	<b>\$9,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN RETAINING WALL**  
**Asset # : 14865**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Wall/Fence Concrete	100%	4+	\$9,800	LIFE	**	5	\$200
				<i>Efflorescence, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracks-Horizontal, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TOTTEN RETAINING WALL @VISITORS CENTER  
**Address** : W. SIDE OF VISITORS CENTER BLDG.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0171.996 / 14941 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,236 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Apr-2017 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$18,800			
<b>Total</b>	<b>\$18,800</b>			
Importance Code A	\$18,800			
<b>Total</b>	<b>\$18,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN RETAINING WALL @VISITORS CENTER**  
**Asset # : 14941**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Concrete	75%	4+	\$18,800	LIFE	**	5	\$200	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Metal Fence	25%			LIFE	**	4-8	\$300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL  
**Address** : BWAY AND DYCKMAN ST, ANNE LOFTUS PLAYGROUND BEHIND COMFORT STA  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.010 / 14068 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 3,033 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$25,300			
<b>Total</b>	<b>\$25,300</b>			
Importance Code A	\$24,200			
Importance Code B	\$1,000			
<b>Total</b>	<b>\$25,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL**  
**Asset # : 14068**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	22%	2-4	\$1,000	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i>								
<i>Location : Two Stones Missing At West End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Mid Length</i>								
Masonry:Schist/Gneiss	78%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	1%	Now	\$5,000	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : One Stone Missing Approximately 30 Inch Long x 10 Inch High Two Feet Above Grade At South End</i>								
Masonry:Schist/Gneiss	19%	4+	\$19,200	LIFE	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Three 3+ Inch Trees Growing In Wall</i>								
Masonry:Schist/Gneiss	80%			LIFE	**	5	\$2,100	
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL  
**Address** : W190TH ST TO CORBIN CIRCLE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.011 / 14069 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 18,530 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$120,500	
<b>Total</b>	<b>\$120,500</b>	
Importance Code A	\$120,500	
<b>Total</b>	<b>\$120,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$9,100			
<b>Total</b>	<b>\$9,100</b>			
Importance Code A				
Importance Code B	\$9,100			
<b>Total</b>	<b>\$9,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL**  
**Asset # : 14069**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	1%			LIFE		**	
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>				
				<i>Location : South End</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>				
				<i>Location : South End</i>				
	Masonry:Limestone	81%	Now	\$9,100	LIFE		**	
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Excess Worn/Erod Mat, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Loose/Delam Surface, Extent : Light, Area Affected : 10%</i>				
				<i>Location : At Random Locations, Particularly Near The Large Trees Along Top Of Wall</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Severe, Area Affected : 60%</i>				
				<i>Location : Top Face Throughout Length Of Coping</i>				
	No Component	18%						
Wall/Fence								
	Metal Fence	1%			LIFE		**	\$200
	Rubble Stone	99%	4+	\$120,500	LIFE		**	\$13,400
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracks-Diagonal, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 7%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>				
				<i>Location : Random Locations Throughout</i>				
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL  
**Address** : INSIDE PARK SO. WEST OF GARDENER / COTTAGE BELOW CABRINI BLVD  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.016 / 14074 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 5,533 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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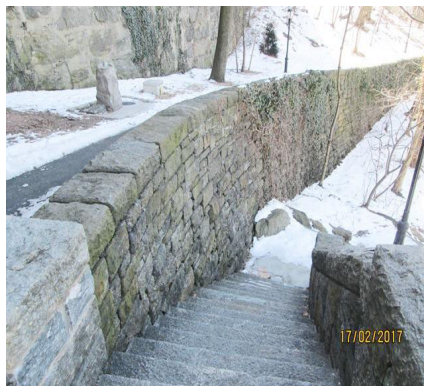
Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL**  
**Asset # : 14074**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Masonry:Schist/Gneiss	100%			LIFE	**	5	
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>				
				<i>Location : Southern Half Of Coping</i>				
Wall/Fence	Masonry:Schist/Gneiss	100%			LIFE	**	5	\$4,700
				<i>Efflorescence, Extent : Light, Area Affected : 2%</i>				
				<i>Location : South End At Base Of Wall Below Weephole</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>				
				<i>Location : Within Southern Half Of Wall</i>				
				<i>Other Observation, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Approximately At One Third Point From South End</i>				
				<i>Explanation : 3-Inch Steel Utility Pipe Through Wall</i>				
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.



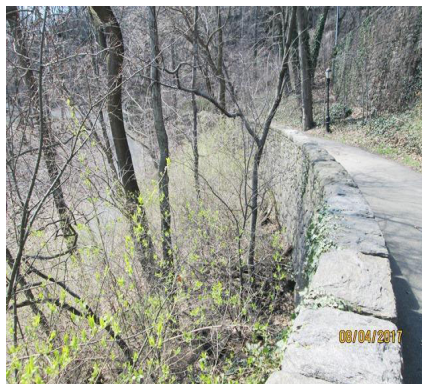
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL 1ST PATH EAST OF LOWER CORBIN DR  
**Address** : WEST OF DONGAN LAWN BELOW AND PARALLEL TO ASSET14155  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.109 / 14158 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 6,240 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$41,500	
<b>Total</b>	<b>\$41,500</b>	
Importance Code A	\$41,500	
<b>Total</b>	<b>\$41,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$2,400			
<b>Total</b>	<b>\$2,400</b>			
Importance Code A				
Importance Code B	\$2,400			
<b>Total</b>	<b>\$2,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL 1ST PATH EAST OF LOWER CORBIN DR**  
**Asset # : 14158**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$2,400	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$41,500	LIFE	**	5	\$5,300	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL 2ND PATH SOUTHWEST OF LINDEN TER  
**Address** : FRM JUNC @ LINDEN TERR SOUTHWEST TOWARD PINE LAWN  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.120 / 14169 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 6,424 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$25,600			
<b>Total</b>	<b>\$25,600</b>			
Importance Code A	\$25,600			
Importance Code B				
<b>Total</b>	<b>\$25,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL 2ND PATH SOUTHWEST OF LINDEN TER**  
**Asset # : 14169**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Eroded Joints Below Coping</i>								
Wall/Fence								
Masonry:Schist/Gneiss	60%	4+	\$25,600	LIFE	**	5	\$3,300	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Excess Worn/Erod Mat, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Not Accessible	40%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Vegetation</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL ALONG WEST SIDE OF CORBIN DRIVE  
**Address** : NORTH AND SOUTH OF UNDERPASS TO H HUDSON PKWY. EXCLUDE WINGWALLS  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.115 / 14164 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,640 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL ALONG WEST SIDE OF CORBIN DRIVE**  
**Asset # : 14164**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$1,400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL AROUND NORTH EAST PARKING LOT  
**Address** : NORTHEAST OF CLOISTERS ENTRANCE @ NORTHERN CURVE OF CORBIN DR  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.112 / 14161 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,500 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$17,500			
<b>Total</b>	<b>\$17,500</b>			
Importance Code A	\$16,600			
Importance Code B	\$900			
<b>Total</b>	<b>\$17,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL AROUND NORTH EAST PARKING LOT**  
**Asset # : 14161**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	15%	Now	\$900	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At 110 Feet From West End Of Wall And At East End Of Wall</i>								
<i>Explanation : Missing Stones</i>								
Masonry:Schist/Gneiss	85%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$16,600	LIFE	**	5	\$2,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL AROUND NORTH WEST PARKING LOT  
**Address** : NORTH WEST OF MUSEUM SOUTH ALONG DR. TO SOUTH SIDE OF MUSEUM  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.114 / 14163 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 5,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$35,900	
<b>Total</b>	<b>\$35,900</b>	
Importance Code A	\$35,900	
<b>Total</b>	<b>\$35,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$2,100			
<b>Total</b>	<b>\$2,100</b>			
Importance Code A				
Importance Code B	\$2,100			
<b>Total</b>	<b>\$2,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL AROUND NORTH WEST PARKING LOT**  
**Asset # : 14163**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$2,100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout Southern Half Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : 150 Feet From North End</i>								
<i>Explanation : 3 Inch Tree Trunk</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$35,900	LIFE	**	5	\$4,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Southern Half Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL BET. DONGAN LAWN AND DOG RUN  
**Address** : FROM EAST SIDE OF OVERPASS @ ABBYS LAWN SOUTHEAST  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.127 / 14176 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,121 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Jan-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$35,300	
<b>Total</b>	<b>\$35,300</b>	
Importance Code A	\$35,300	
<b>Total</b>	<b>\$35,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$800			
<b>Total</b>	<b>\$800</b>			
Importance Code A				
Importance Code B	\$800			
<b>Total</b>	<b>\$800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL BET. DONGAN LAWN AND DOG RUN**  
**Asset # : 14176**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$800	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Eastern Most Stone</i>					
			<i>Explanation : 1 1/2 inch Stone Movement</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$35,300	LIFE	**	5	\$1,800	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL BILLINGS TERRACE SOUTH WALL  
**Address** : SOUTH SIDE OF BILLINGS TERRACE NEAR SOUTHERN PARK ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.014 / 14127 **Yr Built/Renovated** : 1917 /  
**Area Sq Ft** : 3,240 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$86,200	
<b>Total</b>	<b>\$86,200</b>	
Importance Code A	\$86,200	
<b>Total</b>	<b>\$86,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$15,000			
<b>Total</b>	<b>\$15,000</b>			
Importance Code A				
Importance Code B	\$15,000			
<b>Total</b>	<b>\$15,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL BILLINGS TERRACE SOUTH WALL**  
**Asset # : 14127**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$15,000	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout The Length Of Coping</i>								
Wall/Fence								
Masonry:Schist/Gneiss	65%			LIFE	**	5	\$1,800	
Masonry:Schist/Gneiss	10%	Now	\$32,300	LIFE	**	5	\$300	
<i>Cracks-Diagonal, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Forty Feet From East End</i>								
Masonry:Schist/Gneiss	25%	4+	\$53,900	LIFE	**	5	\$700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : East End Of Wall</i>								
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Front Face Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : At East End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL BILLINGS TERRACES NORTH WALL  
**Address** : NORTN SIDE OF BILLINGS TERRACES NEAR SOUTHERN PARK ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.013 / 14071 **Yr Built/Renovated** : 1917 /  
**Area Sq Ft** : 3,427 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

Total

Importance Code A

Importance Code B

Total



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL BILLINGS TERRACES NORTH WALL**  
**Asset # : 14071**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$2,900	
<i>Efflorescence, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL EAST OF MARGARET CORBIN DR.  
**Address** : EAST SIDE OF FIRST PATH BELOW NEW LEAF CAFE PARKING LOT  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.012 / 14070 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 5,830 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$97,000	
<b>Total</b>	<b>\$97,000</b>	
Importance Code A	\$97,000	
<b>Total</b>	<b>\$97,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,700			
<b>Total</b>	<b>\$2,700</b>			
Importance Code A				
Importance Code B	\$2,700			
<b>Total</b>	<b>\$2,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL EAST OF MARGARET CORBIN DR.**  
**Asset # : 14070**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Wall</b>								
<b>Coping</b>								
Masonry:Schist/Gneiss	85%			LIFE	**	5		
Masonry:Schist/Gneiss	15%	4+	\$2,700	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : 200 Feet From South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near Mid Length Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wall/Fence</b>								
Masonry:Schist/Gneiss	100%	4+	\$97,000	LIFE	**	5	\$5,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Approximately 3 Inch Bulging At Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End East Face</i>								
<i>Explanation : 3-Inch Utility Steel Pipe Through Wall</i>								
<hr/>								
<b>Base</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL EAST SIDE OF PATH SOUTH OF 14174  
**Address** : PATH HEADING SOUTH FROM THE GAZEBO SOUTHEAST OF DOG RUN  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.126 / 14175 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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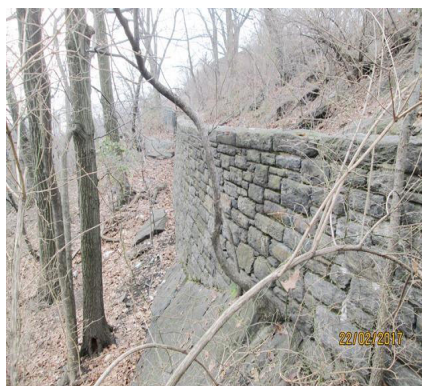
Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL EAST SIDE OF PATH SOUTH OF 14174**  
**Asset # : 14175**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Wall</b>								
<b>Coping</b>								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : 35 Feet From North End</i>								
<hr/>								
<b>Wall/Fence</b>								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$900	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Base</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL EAST WALL @ M. CORBIN CIRCLE  
**Address** : ADJACENT TO SUBWAY STATION NORTH PATH AND CORBIN DR. ENTRY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.133 / 14182 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,964 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,900			
<b>Total</b>	<b>\$7,900</b>			
Importance Code A	\$6,900			
Importance Code B	\$1,000			
<b>Total</b>	<b>\$7,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL EAST WALL @ M. CORBIN CIRCLE**  
**Asset # : 14182**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	60%	4+	\$1,000	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	40%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	35%	4+	\$6,900	LIFE	**	5	\$900	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout On East Face</i>								
Masonry:Schist/Gneiss	65%			LIFE	**	5	\$1,600	
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.

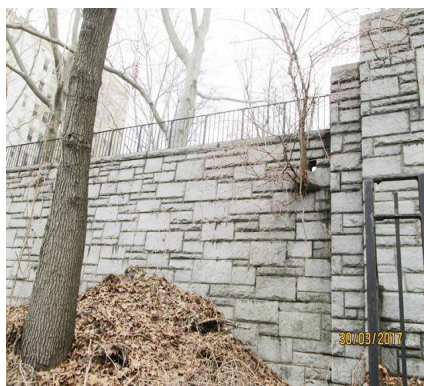
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL EAST WALL OF SITTING AREA  
**Address** : SOUTH SIDE OF SUBWAY AT W190TH FT WASHINGTON AVE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.146 / 14294 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,760 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$40,400	
<b>Total</b>	<b>\$40,400</b>	
Importance Code A	\$40,400	
<b>Total</b>	<b>\$40,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,400			
<b>Total</b>	<b>\$9,400</b>			
Importance Code A	\$5,300			
Importance Code B	\$4,100			
<b>Total</b>	<b>\$9,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL EAST WALL OF SITTING AREA**  
**Asset # : 14294**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$4,100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	15%	4+	\$5,300	LIFE	**	4-8	\$300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Corroded</i>								
Masonry:Granite	60%	4+	\$40,400	LIFE	**	5	\$900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Northend</i>								
<i>Explanation : 3 Inch Diameter Tree</i>								
Masonry:Granite	25%			LIFE	**	5	\$400	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL GAZEBO OVERLOOK WALL  
**Address** : EAST OF THE GAZEBO AND SIR WILLIAMS DOG RUN  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.125 / 14174 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 856 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$14,200			
<b>Total</b>	<b>\$14,200</b>			
Importance Code A	\$14,200			
Importance Code B				
<b>Total</b>	<b>\$14,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL GAZEBO OVERLOOK WALL**

**Asset # : 14174**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$14,200	LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL MAIN ENTRANCE M. CORBIN CIRCLE  
**Address** : WEST SIDE CORBIN DR TO MAIN GATE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.134 / 14183 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 516 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,800			
<b>Total</b>	<b>\$1,800</b>			
Importance Code A	\$1,200			
Importance Code B	\$600			
<b>Total</b>	<b>\$1,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL MAIN ENTRANCE M. CORBIN CIRCLE**  
**Asset # : 14183**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$600	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	35%	4+	\$1,200	LIFE	**	5	\$200	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 6%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	65%			LIFE	**	5	\$300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL NEAR ENTRANCE@BWY AND SHERMAN AV  
**Address** : EAST OF SIR WILLIAMS DOG RUN BET. STAIRWAY LEADING TO EXIT  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.124 / 14173 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,920 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$16,000			
<b>Total</b>	<b>\$16,000</b>			
Importance Code A	\$16,000			
Importance Code B				
<b>Total</b>	<b>\$16,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NEAR ENTRANCE@BWY AND SHERMAN AV**  
**Asset # : 14173**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
		<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
<hr/>								
Wall/Fence								
Masonry:Schist/Gneiss	50%	4+	\$16,000	LIFE	**	5	\$800	
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Recent Repair Evident, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Masonry:Schist/Gneiss	50%			LIFE	**	5	\$800	
<hr/>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL NORTH OF DONGAN LAWN  
**Address** : SOUTH OF STAIRS TO ARDEN ST SAME PATH AS ASSET 14177  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.129 / 14178 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 969 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**  
 Importance Code  
**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,200			
<b>Total</b>	<b>\$7,200</b>			
Importance Code A	\$6,500			
Importance Code B	\$700			
<b>Total</b>	<b>\$7,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NORTH OF DONGAN LAWN**  
**Asset # : 14178**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$6,500	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Random Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End Of The Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : At North End</i>								
<i>Explanation : Large Tree Trunk</i>								
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.



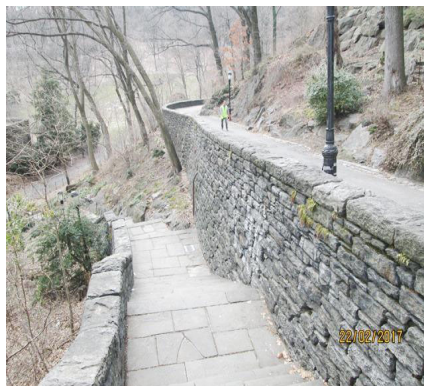
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FORT TRYON PARK RETAINING WALL NORTH OF DONGAN PL. ENTRANCE  
 Address : NORTH OF DONGAN LAWN THIRD PATH WEST OF BWAY  
 Borough : MANHATTAN Agency's Number : M029  
 Program / Asset # : PAR0042.128 / 14177 Yr Built/Renovated : 1935 /  
 Area Sq Ft : 2,218 Project Type : PARKS AND RECREATION  
 Date of Survey : 22-Feb-2017 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$36,400	
<b>Total</b>	<b>\$36,400</b>	
Importance Code A	\$36,400	
<b>Total</b>	<b>\$36,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$8,700			
<b>Total</b>	<b>\$8,700</b>			
Importance Code A	\$7,400			
Importance Code B	\$1,300			
<b>Total</b>	<b>\$8,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NORTH OF DONGAN PL. ENTRANCE**  
**Asset # : 14177**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	85%			LIFE	**	5		
Masonry:Schist/Gneiss	15%	4+	\$1,300	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : 200 Feet From North End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : 60 Feet From South End</i>								
Wall/Fence								
Masonry:Schist/Gneiss	50%	4+	\$7,400	LIFE	**	5	\$900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At South End</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Center Of Wall</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : At North End</i>								
Rubble Stone	50%	4+	\$36,400	LIFE	**	5	\$800	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : At North End On East Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Center Of Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL NORTH SIDE PERIMETER WALL NO 1  
**Address** : ENTRY @ LOFTUS PLGD WEST ALONG RIVERSIDE DR. TO ENTRY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.141 / 14190 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 3,605 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,400			
<b>Total</b>	<b>\$4,400</b>			
Importance Code A	\$3,600			
Importance Code B	\$800			
<b>Total</b>	<b>\$4,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NORTH SIDE PERIMETER WALL NO 1**  
**Asset # : 14190**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$800	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	15%	4+	\$3,600	LIFE	**	5	\$500	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 1%</i>								
<i>Location : At Middle Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At East End Near Park Entrance</i>								
<i>Cracks-Vertical, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Near Seaman Avenue</i>								
Masonry:Schist/Gneiss	85%			LIFE	**	5	\$2,600	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL NORTH SIDE PERIMETER WALL NO 2  
**Address** : ENTRY BET PAYSON AND HENSHAW STS WEST TO END ALONG RIVERSIDE DR.  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.142 / 14191 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 724 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

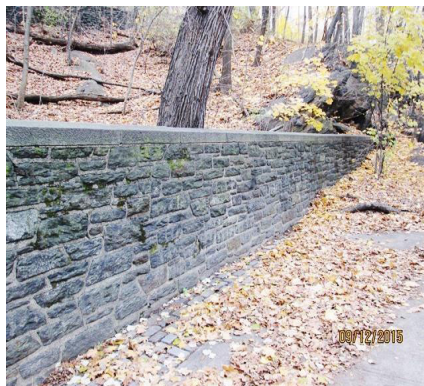
**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$5,700			
<b>Total</b>	<b>\$5,700</b>			
Importance Code A	\$4,800			
Importance Code B	\$800			
<b>Total</b>	<b>\$5,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NORTH SIDE PERIMETER WALL NO 2**  
**Asset # : 14191**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$800	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$4,800	LIFE	**	5	\$600	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Middle Of Wall On North Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL NORTH WEST PARKING LOT  
**Address** : NORTH OF CLOISTERS MUSEUM PARALLEL TO PARKING LOT WALL  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.113 / 14162 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 7,980 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

Total

Importance Code A

Importance Code B

Total



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NORTH WEST PARKING LOT**  
**Asset # : 14162**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$100	
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$6,800	
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : 20 Feet From South End</i>						
		<i>Explanation : Door And Window Openings</i>						
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL NORTHERN MOST WALL  
**Address** : NORTH OF CLOISTERS LOWEST PATH AT ABOUT STAFF STREET  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.132 / 14181 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,610 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$12,000			
<b>Total</b>	<b>\$12,000</b>			
Importance Code A	\$10,700			
Importance Code B	\$1,200			
<b>Total</b>	<b>\$12,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL NORTHERN MOST WALL**  
**Asset # : 14181**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	10%	4+	\$1,200	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : At North And South Ends</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	90%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	10%	4+	\$10,700	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	90%			LIFE	**	5	\$1,200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL PARALLEL TO WESTERN PROMENADE  
**Address** : PATH BELOW CLOISTERS LAWN, 14165 PROMENADE.PATH TO H H PKWY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.122 / 14171 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 4,725 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$77,600	
<b>Total</b>	<b>\$77,600</b>	
Importance Code A	\$77,600	
<b>Total</b>	<b>\$77,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$900			
<b>Total</b>	<b>\$900</b>			
Importance Code A				
Importance Code B	\$900			
<b>Total</b>	<b>\$900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL PARALLEL TO WESTERN PROMENADE**  
**Asset # : 14171**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	4+	\$900	LIFE	**	5	\$500	
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Wall/Fence								
Rubble Stone	100%	4+	\$77,600	LIFE	**	5	\$3,500	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL PATH @HISTORIC MARKER CORBIN CIR  
**Address** : EASTERN BRANCH OFF MAIN PATH / NORTHEAST TOWARDS BWAY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.123 / 14172 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 5,916 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$39,400	
<b>Total</b>	<b>\$39,400</b>	
Importance Code A	\$39,400	
<b>Total</b>	<b>\$39,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$15,500			
<b>Total</b>	<b>\$15,500</b>			
Importance Code A				
Importance Code B	\$15,500			
<b>Total</b>	<b>\$15,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL PATH @HISTORIC MARKER CORBIN CIR**  
**Asset # : 14172**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	85%	Now	\$15,500	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : From The North End, Starting At 20 Feet Going To 281 Feet</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	15%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$39,400	LIFE	**	5	\$5,000	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near Center Of Wall</i>								
<i>Explanation : Larger Than 3 Inch Tree Trunk</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL PATH JOINING WEST SIDE OVERLOOKS  
**Address** : NORTHWESTERN OVERLOOK, WEST LOOK OUT AND STEP @N. CLOISTERS LAWN  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.143 / 14192 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 7,476 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,100			
<b>Total</b>	<b>\$7,100</b>			
Importance Code A	\$6,000			
Importance Code B	\$1,200			
<b>Total</b>	<b>\$7,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL PATH JOINING WEST SIDE OVERLOOKS**  
**Asset # : 14192**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$1,200	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Top Of Wall</i>								
Wall/Fence								
Masonry:Schist/Gneiss	12%	4+	\$6,000	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At 220 Feet From South End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Scattered Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Approximately 30 Sqft At 160 Feet From South End Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North End Of Wall</i>								
Masonry:Schist/Gneiss	88%			LIFE	**	5	\$5,600	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL PLAZA SOUTH OF CORBIN CIRCLE  
**Address** : SITTING AREA SOUTH OF SUBWAY ADJACENT TO FT WASHINGTON AVE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.144 / 14292 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$25,000			
<b>Total</b>	<b>\$25,000</b>			
Importance Code A	\$23,000			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$25,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL PLAZA SOUTH OF CORBIN CIRCLE**  
**Asset # : 14292**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	2-4	\$2,100	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Vertical And Horizontal Joints At Random Locations Throughout Wall</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : 20 Feet From South And 20 Feet From North</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout Wall</i>					
Wall/Fence								
Masonry:Granite	100%	4+	\$23,000	LIFE	**	5	\$500	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Near Light Pole At South End</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Below Tree. Tree Roots May Be The Cause Of This Condition.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL RUBBLE WALL ALONG 1ST PATH  
**Address** : EAST OF CORBIN DR BELOW AND PARALLEL TO ASSET14156  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.110 / 14159 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 7,860 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
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Parks' Walls				
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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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL RUBBLE WALL ALONG 1ST PATH**  
**Asset # : 14159**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	10%			LIFE	**	5	\$600	
<i>Vegetation Growth, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Steep Hillside</i>								
<i>Explanation : Large Schist Stones Of Various Sizes Set Into Earthen Embankment; Also, Chainlink Fence Is Present For Fall Protection</i>								
Rubble Stone	70%			LIFE	**	5	\$4,000	
Not Accessible	20%							
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL RUBBLE WALL EAST OF PARKING LOT  
**Address** : LOWER ROADWAY E. CORBIN DR. EAST OF CLOISTERS MUSEUM  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.107 / 14156 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 8,910 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls				
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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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL RUBBLE WALL EAST OF PARKING LOT**  
**Asset # : 14156**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence Rubble Stone	100%			LIFE	**	5	\$6,500	
		<i>Sloped Protection, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Along East Face Of Wall</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 70%</i>						
		<i>Location : From South End Up To 150 Feet, East Face</i>						
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL RUBBLE WALL W/CONCRETE  
**Address** : BELOW CORBIN PLAZA, NO. OF BLDG. ABOVE NO. END OF 14295  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.148 / 14296 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 140 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,200			
<b>Total</b>	<b>\$9,200</b>			
Importance Code A	\$9,200			
<b>Total</b>	<b>\$9,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL RUBBLE WALL W/CONCRETE**

**Asset # : 14296**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Wall								
Wall/Fence								
Rubble Stone	100%	Now	\$9,200	LIFE	**	5	\$100	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Random Locations Throughout</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FORT TRYON PARK RETAINING WALL S/E WALLS OF VOLLEYBALL COURTS  
 Address : BELOW W190 TH SUBWAY BUILDING ADJACENT TO FT WASHINGTON AVE  
 Borough : MANHATTAN Agency's Number : M029  
 Program / Asset # : PAR0042.150 / 14298 Yr Built/Renovated : 1935 /  
 Area Sq Ft : 3,250 Project Type : PARKS AND RECREATION  
 Date of Survey : 30-Mar-2017 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$61,600	
<b>Total</b>	<b>\$61,600</b>	
Importance Code A	\$61,600	
<b>Total</b>	<b>\$61,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$18,500			
<b>Total</b>	<b>\$18,500</b>			
Importance Code A	\$11,000			
Importance Code B	\$7,500			
<b>Total</b>	<b>\$18,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL S/E WALLS OF VOLLEYBALL COURTS**  
**Asset # : 14298**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	Now	\$7,500	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Metal Fence	25%	Now	\$11,000	LIFE	**	4-8	\$800	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 1%</i>					
			<i>Location : Approximately 30 Feet From South End</i>					
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Corroded</i>					
Masonry:Granite	57%	Now	\$61,600	LIFE	**	5	\$1,600	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Approximately 20 Feet From Entrance</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Granite	18%			LIFE	**	5	\$500	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL SHORT WALL IN LOOP OF 14179  
**Address** : NORTHEAST OF CLOISTERS / BELOW TRAFFIC CIRCLE - CORBIN DR  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.131 / 14180 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 418 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,800			
<b>Total</b>	<b>\$2,800</b>			
Importance Code A	\$2,800			
Importance Code B				
<b>Total</b>	<b>\$2,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL SHORT WALL IN LOOP OF 14179**  
**Asset # : 14180**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$2,800	LIFE	**	5	\$400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL SOUTH END MAIN WALKWAY  
**Address** : W SIDE WALKWAY, WEST OF HEATHER GARDEN AND EAST OF BILLINGS LAWN  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.119 / 14168 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,394 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL SOUTH END MAIN WALKWAY**  
**Asset # : 14168**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	20%			LIFE	**	5		
<i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i>								
<i>Location : At Random Locations Throughout</i>								
Masonry:Schist/Gneiss	80%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$2,000	
<i>Cracks-Horizontal, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL ADJACENT TO BILLINGS ARCH  
**Address** : WEST SIDE OF PATH NORTH FROM TER AND EAST OF HENRY HUDSON PKWY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.121 / 14170 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 19,850 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$22,900			
<b>Total</b>	<b>\$22,900</b>			
Importance Code A	\$19,800			
Importance Code B	\$3,100			
<b>Total</b>	<b>\$22,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL ADJACENT TO BILLINGS ARCH**  
**Asset # : 14170**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$3,100	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	15%	4+	\$19,800	LIFE	**	5	\$2,500	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	85%			LIFE	**	5	\$14,400	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL 11 EAST OF CLOISTERS MUSEUM  
**Address** : ALONG 1ST PATH E OF CORBIN DR BELOW AND PARALLEL TO ASSET14157  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.111 / 14160 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 4,485 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$32,200			
<b>Total</b>	<b>\$32,200</b>			
Importance Code A	\$29,500			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$32,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL 11 EAST OF CLOISTERS MUSEUM**  
**Asset # : 14160**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	20%	Now	\$2,800	LIFE	**	5		
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 1%</i>								
<i>Location : 160 Feet From North Wall For A Length Of 10 Feet</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : West End Of Wall</i>								
<i>Explanation : Missing Stones</i>								
Masonry:Schist/Gneiss	80%			LIFE	**	5		
Wall/Fence								
Rubble Stone	20%	Now	\$29,500	LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 160 Feet From North Wall For A Length Of 10 Feet</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Rubble Stone	80%			LIFE	**	5	\$2,600	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL BELOW SUBWAY BUILDING  
**Address** : PARALLEL TO FT WASHINGTON AVE ABUTTING STEPS TO VOLLEY BALL CT  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.147 / 14295 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,080 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

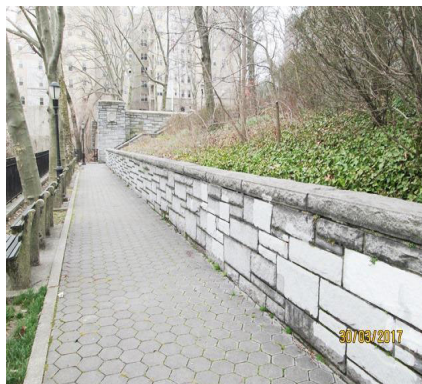
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,200			
<b>Total</b>	<b>\$23,200</b>			
Importance Code A	\$20,700			
Importance Code B	\$2,500			
<b>Total</b>	<b>\$23,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL BELOW SUBWAY BUILDING**  
**Asset # : 14295**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	Now	\$2,500	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Granite	100%	Now	\$20,700	LIFE	**	5	\$900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : North End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 1 - MARGARET CORBIN DR.  
**Address** : START AT MARGARET CORBIN CIRCLE NORTH ALONG E SIDE OF CORBIN DR.  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.101 / 14150 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 9,871 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$81,000	
<b>Total</b>	<b>\$81,000</b>	
Importance Code A	\$81,000	
<b>Total</b>	<b>\$81,000</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 1 - MARGARET CORBIN DR.**  
**Asset # : 14150**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	50%			LIFE	**	5	\$4,200	
Rubble Stone	50%	2-4	\$81,000	LIFE	**	5	\$3,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : 50 Feet From South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Around 130 Feet From South End</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Approximately 2 Inch Bulging Around 200 Feet From South End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 2 - MARGARET CORBIN DR.  
**Address** : EASTERN SIDE OF CAFE PARKING LOT NORTH ALONG E SIDE OF CORBIN DR.  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.102 / 14151 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 7,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$63,200	
<b>Total</b>	<b>\$63,200</b>	
Importance Code A	\$63,200	
<b>Total</b>	<b>\$63,200</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,100			
<b>Total</b>	<b>\$1,100</b>			
Importance Code A				
Importance Code B	\$1,100			
<b>Total</b>	<b>\$1,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 2 - MARGARET CORBIN DR.**  
**Asset # : 14151**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$1,100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Rubble Stone	35%	2-4	\$40,200	LIFE	**	5	\$1,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	10%	2-4	\$23,000	LIFE	**	5	\$500	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Center Of East Wall</i>								
Rubble Stone	55%			LIFE	**	5	\$2,800	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 3 - MARGARET CORBIN DR.  
**Address** : N/S OVERPASS @ CAFE PARKING LOT NORTH ALONG E SIDE OF CORBIN DR  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.103 / 14152 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 10,080 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Jan-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$32,700			
<b>Total</b>	<b>\$32,700</b>			
Importance Code A	\$31,100			
Importance Code B	\$1,600			
<b>Total</b>	<b>\$32,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 3 - MARGARET CORBIN DR.**  
**Asset # : 14152**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$1,600	LIFE	**	5	\$100	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : On West Face For A Length Of 400 Feet From North End</i>					
Wall/Fence								
Rubble Stone	47%	4+	\$31,100	LIFE	**	5	\$3,500	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Missing Small Stones Throughout 100 Feet From North On East Face</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : In Localized Areas Of The West Face 30 Feet From South End Of West Face</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : 450 Feet From Southern End</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Two Trees 400 Feet From Southern End</i>					
			<i>Explanation : 3 inch Or More Diameter Tree Growth</i>					
Rubble Stone	53%			LIFE	**	5	\$3,900	
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.

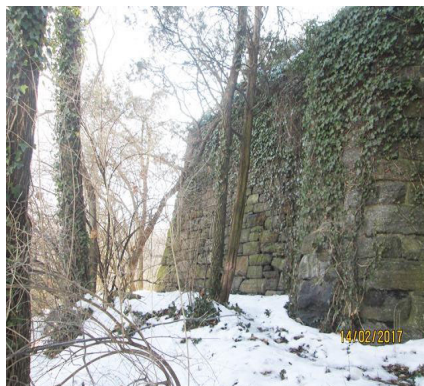
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 4 - MARGARET CORBIN DR.  
**Address** : EAST SIDE OF UPPER ROADWAY EAST OF CLOISTERS LAWN - BET. BRIDGES  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.104 / 14153 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 6,643 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$43,600	
<b>Total</b>	<b>\$43,600</b>	
Importance Code A	\$43,600	
<b>Total</b>	<b>\$43,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,000			
<b>Total</b>	<b>\$1,000</b>			
Importance Code A				
Importance Code B	\$1,000			
<b>Total</b>	<b>\$1,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 4 - MARGARET CORBIN DR.**  
**Asset # : 14153**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$1,000	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Localized Small Areas On West Face Of Wall</i>					
Wall/Fence								
Rubble Stone	100%	4+	\$43,600	LIFE	**	5	\$4,900	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 5 - MARGARET CORBIN DR  
**Address** : FROM NORTHERN BRIDGE NORTH SE OF MUSEUM ALONG UPPER ROADWAY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.105 / 14154 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,725 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,300			
<b>Total</b>	<b>\$11,300</b>			
Importance Code A	\$11,300			
Importance Code B				
<b>Total</b>	<b>\$11,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 5 - MARGARET CORBIN DR**  
**Asset # : 14154**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Mid Section Of Wall</i>					
Wall/Fence								
Rubble Stone	100%	4+	\$11,300	LIFE	**	5	\$1,300	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 6 - MARGARET CORBIN DR.  
**Address** : BET. BRIDGES ALONG LOWER ROADWAY E. OF CLOISTERS LAWN BELOW 14153  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.106 / 14155 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 12,024 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$31,200			
<b>Total</b>	<b>\$31,200</b>			
Importance Code A	\$31,200			
Importance Code B				
<b>Total</b>	<b>\$31,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 6 - MARGARET CORBIN DR.**  
**Asset # : 14155**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$100	
Wall/Fence								
Masonry:Schist/Gneiss	39%	4+	\$31,200	LIFE	**	5	\$4,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Missing Stone At Center Of Wall And North End At Bus Stop And Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Masonry:Schist/Gneiss	61%			LIFE	**	5	\$6,300	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WALL NO. 8 - MARGARET CORBIN DR.  
**Address** : EAST SIDE OF DR. FROM INTERSECT OF UPPER AND LOWER DR. NORTH  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.108 / 14157 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,288 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$32,800			
<b>Total</b>	<b>\$32,800</b>			
Importance Code A	\$15,200			
Importance Code B	\$17,600			
<b>Total</b>	<b>\$32,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WALL NO. 8 - MARGARET CORBIN DR.**  
**Asset # : 14157**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	70%	Now	\$12,300	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	30%	4+	\$5,300	LIFE	**	5		
<i>Loose Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$15,200	LIFE	**	5	\$2,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
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.

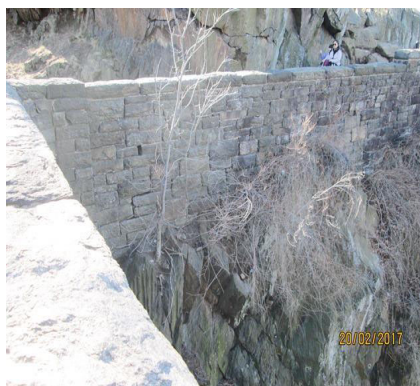
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST ABBY LAWN WALKWAY  
**Address** : FROM SOUTH SIDE OF BRIDGE ALONG ABBYS LAWN TO JUNC. @LINDEN TERR  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.117 / 14166 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 5,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$37,900	
<b>Total</b>	<b>\$37,900</b>	
Importance Code A	\$37,900	
<b>Total</b>	<b>\$37,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST ABBY LAWN WALKWAY**

**Asset # : 14166**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$37,900	LIFE	**	5	\$4,900	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST PROMENADE WALL S. OF MUSEUM  
**Address** : STEPS @ N. SIDE CLOISTERS LAWN SOUTH TO BRIDGE ABUTMENT  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.116 / 14165 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 11,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$15,400			
<b>Total</b>	<b>\$15,400</b>			
Importance Code A	\$15,300			
Importance Code B	\$100			
<b>Total</b>	<b>\$15,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST PROMENADE WALL S. OF MUSEUM**  
**Asset # : 14165**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	5%	4+	\$100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	95%			LIFE	**	5	\$100	
Wall/Fence								
Masonry:Schist/Gneiss	10%	4+	\$7,300	LIFE	**	5	\$900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	7%	4+	\$5,100	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	4%	2-4	\$2,900	LIFE	**	5	\$300	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 200 Feet From North End Of Wall</i>								
Rubble Stone	79%			LIFE	**	5	\$6,400	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST SIDE MAIN WALKWAY  
**Address** : WEST OF LINDEN TERRACE SOUTH TO EAST SIDE- BILLINGS LAWN  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.118 / 14167 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,988 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$19,900			
<b>Total</b>	<b>\$19,900</b>			
Importance Code A	\$19,900			
Importance Code B				
<b>Total</b>	<b>\$19,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST SIDE MAIN WALKWAY**  
**Asset # : 14167**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$19,900	LIFE	**	5	\$2,500	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Ivy And Vines Covering Front Of Wall</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 1  
**Address** : FROM 190 ST SUBWAY ENTRY NORTH ALONG BENNETT AVE. TO PARK ENTRY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.136 / 14185 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 2,352 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,500			
<b>Total</b>	<b>\$11,500</b>			
Importance Code A	\$11,000			
Importance Code B	\$500			
<b>Total</b>	<b>\$11,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 1**  
**Asset # : 14185**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$500	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, 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 : Concrete Barrier Installed Behind 90 Percent Of The Wall. Coping Is Not Present In Front Of Concrete Barrier</i>								
Wall/Fence								
Masonry:Schist/Gneiss	20%	4+	\$3,100	LIFE	**	5	\$400	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	5%	Now	\$7,800	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Middle Section Of Wall</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Middle Section Of Wall</i>								
Masonry:Schist/Gneiss	75%			LIFE	**	5	\$1,500	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 2  
**Address** : FROM ENTRY @ BENNETT AVE WEST THEN NORTH ALONG BROADWAY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.137 / 14186 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 7,266 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,400			
<b>Total</b>	<b>\$7,400</b>			
Importance Code A	\$5,300			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$7,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 2**  
**Asset # : 14186**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	50%	4+	\$2,100	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : 75 Feet South Of 196th Street</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	50%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	11%	4+	\$5,300	LIFE	**	5	\$700	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	89%			LIFE	**	5	\$5,500	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 3  
**Address** : ENTRY SOUTH OF ELLWOOD ST NORTH ALONG BROADWAY TO DONGAN PL.  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.138 / 14187 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 4,111 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

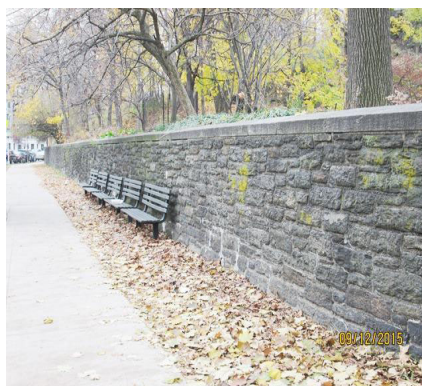
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$18,800			
<b>Total</b>	<b>\$18,800</b>			
Importance Code A	\$16,400			
Importance Code B	\$2,400			
<b>Total</b>	<b>\$18,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 3**  
**Asset # : 14187**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,400	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 1%</i>					
			<i>Location : Near Ellwood Street</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	60%	4+	\$16,400	LIFE	**	5	\$2,100	
			<i>Efflorescence, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Schist/Gneiss	40%			LIFE	**	5	\$1,400	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 4  
**Address** : DONGAN PL. ENTRY NORTH ALONG BROADWAY TO ARDEN ST. ENTRY  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.139 / 14188 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 4,214 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$16,500			
<b>Total</b>	<b>\$16,500</b>			
Importance Code A	\$14,000			
Importance Code B	\$2,400			
<b>Total</b>	<b>\$16,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 4**  
**Asset # : 14188**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,400	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	40%	4+	\$11,200	LIFE	**	5	\$1,400	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	1%	0-2	\$2,800	LIFE	**	5		
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Vertical, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Middle Of Wall</i>								
Masonry:Schist/Gneiss	59%			LIFE	**	5	\$2,100	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 5  
**Address** : NORTH SIDE ARDEN ST. ENTRY ALONG BROADWAY TO ENTRY @ LOFTUS PLGD  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.140 / 14189 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 3,193 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,200			
<b>Total</b>	<b>\$9,200</b>			
Importance Code A	\$8,500			
Importance Code B	\$700			
<b>Total</b>	<b>\$9,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST SIDE PERIMETER WALL NO 5**  
**Asset # : 14189**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	40%	4+	\$8,500	LIFE	**	5	\$1,100	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End Of Wall</i>								
Masonry:Schist/Gneiss	60%			LIFE	**	5	\$1,600	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WEST WALL @ M. CORBIN CIRCLE  
**Address** : WEST SIDE OF MAIN GATE TO ENTRY @ THE COTTAGE PARK OFFICE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.135 / 14184 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 986 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Dec-2015 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,900			
<b>Total</b>	<b>\$1,900</b>			
Importance Code A	\$1,300			
Importance Code B	\$600			
<b>Total</b>	<b>\$1,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST WALL @ M. CORBIN CIRCLE**  
**Asset # : 14184**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	50%	4+	\$600	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	50%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	20%	4+	\$1,300	LIFE	**	5	\$200	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	80%			LIFE	**	5	\$700	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FORT TRYON PARK RETAINING WALL WEST WALL OF VOLLEY BALL CT.  
 Address : BELOW SUBWAY BUILDING PARALLEL TO FT WASHINGTON AVE  
 Borough : MANHATTAN Agency's Number : M029  
 Program / Asset # : PAR0042.149 / 14297 Yr Built/Renovated : 1935 /  
 Area Sq Ft : 1,710 Project Type : PARKS AND RECREATION  
 Date of Survey : 30-Mar-2017 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$51,200	
<b>Total</b>	<b>\$51,200</b>	
Importance Code A	\$51,200	
<b>Total</b>	<b>\$51,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$13,000			
<b>Total</b>	<b>\$13,000</b>			
Importance Code A	\$10,400			
Importance Code B	\$2,700			
<b>Total</b>	<b>\$13,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WEST WALL OF VOLLEY BALL CT.**  
**Asset # : 14297**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	100%	Now	\$2,700	LIFE	**	5		
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : South End</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Metal Fence	30%	Now	\$10,400	LIFE	**	4-8	\$500	
			<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Corroded</i>					
Masonry:Granite	45%	Now	\$51,200	LIFE	**	5	\$700	
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : At South End, Large Tree Behind Wall</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Granite	25%			LIFE	**	5	\$400	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL WINDING PATH N. OF LONG STAIRS  
**Address** : FROM EAST OF MUSEUM TO NORTH OF CLOISTERS TO ABOUT STAFF ST.  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.130 / 14179 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 5,321 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,800			
<b>Total</b>	<b>\$6,800</b>			
Importance Code A	\$3,500			
Importance Code B	\$3,300			
<b>Total</b>	<b>\$6,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL WINDING PATH N. OF LONG STAIRS**  
**Asset # : 14179**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	40%	Now	\$3,300	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At 30 Feet, 260 Feet From North End Of Wall. 60 Feet From South End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Masonry:Schist/Gneiss	60%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	10%	4+	\$3,500	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 55%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : 155 Feet From East End</i>								
<i>Explanation : Gap In Wall</i>								
Masonry:Schist/Gneiss	90%			LIFE	**	5	\$4,100	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON PARK RETAINING WALL ZEE SHAPED WALL AT STAIR BASE  
**Address** : BOTTOM OF STAIRS TO SUBWAY W190TH AND FT WASHINGTON AVE  
**Borough** : MANHATTAN **Agency's Number** : M029  
**Program / Asset #** : PAR0042.145 / 14293 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 180 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 29-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,500			
<b>Total</b>	<b>\$4,500</b>			
Importance Code A	\$3,400			
Importance Code B	\$1,000			
<b>Total</b>	<b>\$4,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK RETAINING WALL ZEE SHAPED WALL AT STAIR BASE**  
**Asset # : 14293**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	100%	4+	\$1,000	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout</i>					
Wall/Fence								
Masonry:Granite	100%	4+	\$3,400	LIFE	**	5	\$200	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORT TRYON RETAINING WALL EAST OF 2ND CORBIN DR UNDERPASS  
**Address** : EAST OF ASSET 14130 WEST OF ASSET 14176  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0042.151 / 14940 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 1,175 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$21,400			
<b>Total</b>	<b>\$21,400</b>			
Importance Code A	\$19,700			
Importance Code B	\$1,700			
<b>Total</b>	<b>\$21,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON RETAINING WALL EAST OF 2ND CORBIN DR UNDERPASS**  
**Asset # : 14940**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$1,700	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Eastern Most Stone</i>					
			<i>Explanation : 1 1/2 Inch Movement Of Stone</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$19,700	LIFE	**	5	\$1,000	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING WALL  
**Address** : WEST SIDE OF PATH FROM WALTON AVE AND E157TH ST TO PLAYGROUND  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.011 / 14614 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,850 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$56,500	
<b>Total</b>	<b>\$56,500</b>	
Importance Code A	\$56,500	
<b>Total</b>	<b>\$56,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$5,700			
<b>Total</b>	<b>\$5,700</b>			
Importance Code A				
Importance Code B	\$5,700			
<b>Total</b>	<b>\$5,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING WALL**  
**Asset # : 14614**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$5,700	LIFE		**		
			<i>Cracks-Horizontal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Recent Repair Evident, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Three Sections Replaced Near Middle Of Wall</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	0-2	\$56,500	LIFE		**	5	\$1,600
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Mostly The Western Face Of The Wall.</i>					
			<i>Loose Elements, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Middle Portion Of The Wall.</i>					
			<i>Explanation : Missing Post.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING WALL  
**Address** : EAST SIDE OF PATH AT ENTRANCE FROM WALTON AND E157 ST  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.012 / 14615 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,145 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$39,800			
<b>Total</b>	<b>\$39,800</b>			
Importance Code A	\$34,900			
Importance Code B	\$4,900			
<b>Total</b>	<b>\$39,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING WALL**  
**Asset # : 14615**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	2-4	\$4,900	LIFE	**	5	\$100	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Middle Portion Of Wall</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	2-4	\$34,900	LIFE	**	5	\$1,000	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Middle Portion Of The Wall.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING WALL  
**Address** : PATH WEST OF GRAND CONCOURSE BET E153 AND E156 STREETS  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.013 / 14616 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,220 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING WALL**  
**Asset # : 14616**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%			LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
Wall/Fence								
Metal Fence	15%			LIFE	**	4-8	\$1,200	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Explanation : Peeling Of Paint.</i>								
Masonry:Schist/Gneiss	85%			LIFE	**	5	\$6,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Weepholes</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FRANZ SIGEL PARK RETAINING/ PERIMETER WALL  
 Address : WALTON AVE AND E157 ST SOUTH TO ENTRANCE @WALTON AVE AND E153 ST  
 Borough : BRONX Agency's Number : X047  
 Program / Asset # : PAR0190.009 / 14612 Yr Built/Renovated :  
 Area Sq Ft : 6,535 Project Type : PARKS AND RECREATION  
 Date of Survey : 16-Dec-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
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Parks' Walls				
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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.

**DEPT. OF PARKS & RECREATION - 846  
FRANZ SIGEL PARK RETAINING/ PERIMETER WALL**

**Asset # : 14612**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Wall								
Wall/Fence Concrete	100%			LIFE	**	5	\$1,100	
		<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>						
		<i>Location : South End Of Wall.</i>						
		<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout The Wall.</i>						
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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING/PERIMETER WALL  
**Address** : E.153 ST GRAND CONCOURSE NORTH TO ENTRANCE SOUTH OF E156 ST  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.005 / 14608 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,575 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$39,300	
<b>Total</b>	<b>\$39,300</b>	
Importance Code A	\$39,300	
<b>Total</b>	<b>\$39,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$2,700			
<b>Total</b>	<b>\$2,700</b>			
Importance Code A				
Importance Code B	\$2,700			
<b>Total</b>	<b>\$2,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL**

**Asset # : 14608**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	98%	4+	\$2,700	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Granite	2%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$39,300	LIFE	**	5	\$2,200	
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Middle Portion Of The Wall.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING/PERIMETER WALL  
**Address** : SOUTH OF E156 ST ENTRANCE NORTH ALONG GRAND CONCOURSE TO END  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.006 / 14609 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,670 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,700			
<b>Total</b>	<b>\$23,700</b>			
Importance Code A	\$22,400			
Importance Code B	\$1,300			
<b>Total</b>	<b>\$23,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL**

**Asset # : 14609**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	97%	4+	\$1,300	LIFE	**	5		
<i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
Masonry:Granite	3%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	2-4	\$22,400	LIFE	**	5	\$3,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Loose Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Middle Portion Of The Wall.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING/PERIMETER WALL  
**Address** : NORTH END GRAND CONCOURSE WEST ON E158 ST AND S. ON WALTON AVE  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.007 / 14610 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,960 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$90,300	
<b>Total</b>	<b>\$90,300</b>	
Importance Code A	\$90,300	
<b>Total</b>	<b>\$90,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14610**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	97%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 6%</i>								
<i>Location : Random Locations Throughout The East Portion Of The Wall.</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Portion Of The Wall.</i>								
<i>Explanation : Coping Is Only Located At The East Portion Of The Wall.</i>								
Masonry:Granite	3%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	Now	\$90,300	LIFE	**	5	\$2,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : North Side</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : North Portion Of The Wall.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FRANZ SIGEL PARK RETAINING/PERIMETER WALL  
**Address** : WALTON AVE AND E153 ST SOUTH AND EAST TO GRAND CONCOURSE  
**Borough** : BRONX **Agency's Number** : X047  
**Program / Asset #** : PAR0190.010 / 14613 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,985 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$33,300			
<b>Total</b>	<b>\$33,300</b>			
Importance Code A	\$33,300			
<b>Total</b>	<b>\$33,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL**

**Asset # : 14613**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>
<b>Type</b>		<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>	
Wall	Wall/Fence							
	Concrete	100%	4+	\$33,300	LIFE	**	5	\$800
				<i>Spalling, Extent : Light, Area Affected : 1%</i>				
				<i>Location : South Side Of Wall</i>				
				<i>Cracks-Vertical, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout The Wall.</i>				
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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : FRANZ SIGEL PARK RETAINING/PERIMETER WALL- SCHIST  
 Address : NORTH END OF PARK @ WALTON AVE SOUTH TO E157 ST ENTRANCE  
 Borough : BRONX Agency's Number : X047  
 Program / Asset # : PAR0190.008 / 14611 Yr Built/Renovated :  
 Area Sq Ft : 2,830 Project Type : PARKS AND RECREATION  
 Date of Survey : 01-Dec-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$21,800			
<b>Total</b>	<b>\$21,800</b>			
Importance Code A	\$21,800			
<b>Total</b>	<b>\$21,800</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL- SCHIST**

**Asset # : 14611**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Wall/Fence							
	Concrete	60%	4+	\$11,300	LIFE	**	5	\$300
				<i>Spalling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : South End Portion Of The Wall.</i>				
				<i>Cracks-Vertical, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout The Wall.</i>				
	Metal Fence	40%	Now	\$10,500	LIFE	**	4-8	\$1,100
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Three Panels Have No Bolts And Are Able To Swing Open</i>				
				<i>Impact Damage, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Tree Impact Near Middle Of Fence</i>				
				<i>Other Observation, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout The Wall.</i>				
				<i>Explanation : Peeling Of Paint.</i>				
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HARLEM LANE PLAYGROUND RETAINING WALL  
**Address** : FROM STAIRS NORTH @HARLEM RIVER DR. TO ADAM CLAYTON POWER DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0244.000 / 14499 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,091 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$14,600			
<b>Total</b>	<b>\$14,600</b>			
Importance Code A	\$12,600			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$14,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HARLEM LANE PLAYGROUND RETAINING WALL**

**Asset # : 14499**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	16%	4+	\$2,100	LIFE		**		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	84%			LIFE		**		
Wall/Fence								
Rubble Stone	41%	4+	\$12,600	LIFE		**	5	\$1,500
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Recent Replace Evident, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Tree Penetration At 55 Feet. North Of South End</i>					
Rubble Stone	59%			LIFE		**	5	\$2,200
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HARLEM LANE PLAYGROUND RETAINING WALL  
**Address** : BEHIND STAIRS SOUTH ALONG REAR WALL OF NYCHA BUILDING  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0244.010 / 14500 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,475 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Jan-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$75,400	
<b>Total</b>	<b>\$75,400</b>	
Importance Code A	\$75,400	
<b>Total</b>	<b>\$75,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,500			
<b>Total</b>	<b>\$1,500</b>			
Importance Code A	\$1,500			
<b>Total</b>	<b>\$1,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HARLEM LANE PLAYGROUND RETAINING WALL**

**Asset # : 14500**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Concrete	65%	4+	\$75,400	LIFE	**	5	\$400	
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Misaligned 3 Inches At Middle Third Of Wall</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Adjacent To Expansion Joints</i>					
			<i>Cracks-Vertical, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Explanation : Missing/ Deteriorated Expansion Joint Filler.</i>					
Metal Fence	35%	4+	\$1,500	LIFE	**	4-8	\$1,200	
			<i>Impact Damage, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Near South End Of Wall</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Explanation : Rusted/ Section Loss On The Guardrail Post.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL  
**Address** : INSIDE PARK ALONG LAUREL HILL PARALLEL TO # 14082 - BELOW ROAD  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W09 / 14131 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 3,077 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

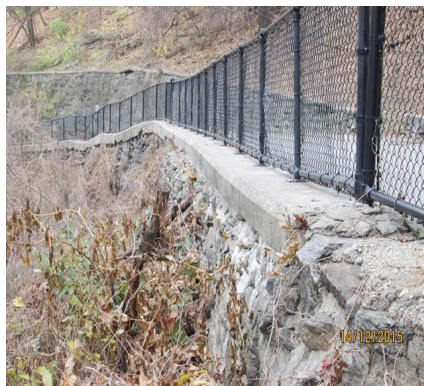
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$19,700			
<b>Total</b>	<b>\$19,700</b>			
Importance Code A	\$16,500			
Importance Code B	\$3,100			
<b>Total</b>	<b>\$19,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL**  
**Asset # : 14131**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%	4+	\$3,100	LIFE	**		
	Concrete							
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 8%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : At The South End Of Wall</i>				
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations At Top Face Throughout</i>				
Wall/Fence	Metal Fence	14%			LIFE	**	4-8	\$400
	Metal Fence	1%	2-4	\$600	LIFE	**	4-8	
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : 40 Feet Measured From The North End</i>				
	Masonry:Schist/Gneiss	85%	4+	\$16,000	LIFE	**	5	\$2,200
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 8%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : At The South End Of Wall</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL  
**Address** : W188TH ST AND AMSTERDAM AVE BEHIND WALLENBERG PLAYGROUND  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W10 / 14132 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 8,230 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$31,100			
<b>Total</b>	<b>\$31,100</b>			
Importance Code A	\$29,000			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$31,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL**  
**Asset # : 14132**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%	4+	\$2,100	LIFE	**		
	Concrete							
				<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
Wall/Fence	Concrete	48%	4+	\$26,400	LIFE	**	5	\$600
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 4%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Efflorescence, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 3%</i>				
				<i>Location : Random Locations Throughout</i>				
	Metal Fence	26%	4+	\$2,600	LIFE	**	4-8	\$2,200
				<i>Impact Damage, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : 150 Feet Measured From The North End</i>				
	Metal Fence	26%			LIFE	**	4-8	\$2,200
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL  
 Address : SOUTHERN END OF WALLENBERG PLYGD ALONG LAUREL HILL TO W 186TH ST  
 Borough : MANHATTAN Agency's Number : M037  
 Program / Asset # : PAR0007.W11 / 14134 Yr Built/Renovated : 1934 /  
 Area Sq Ft : 3,626 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Dec-2015 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$27,500			
<b>Total</b>	<b>\$27,500</b>			
Importance Code A	\$10,900			
Importance Code B	\$16,600			
<b>Total</b>	<b>\$27,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL**  
**Asset # : 14134**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	90%	4+	\$16,600	LIFE	**		
				<i>Cracks-Horizontal, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Staining/Scaling, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>				
				<i>Location : Random Locations Throughout</i>				
	Concrete	10%			LIFE	**		
Wall/Fence								
	Concrete	18%	4+	\$10,900	LIFE	**	5	\$100
				<i>Cracking/Crumbling, 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>Cracks-Horizontal, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
	Concrete	12%			LIFE	**	5	\$100
	Metal Fence	70%			LIFE	**	4-8	\$2,600
				<i>Other Observation, Extent : Light, Area Affected : 60%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Abandoned Railing</i>				
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL / CONCRETE RETAINING WALL  
**Address** : S. OF SUNKEN PLYGRD. @ W.165 ST. E. SIDE OF CURVING RAMP  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W18 / 14690 **Yr Built/Renovated** :  
**Area Sq Ft** : 535 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$9,200			
<b>Total</b>	<b>\$9,200</b>			
Importance Code A	\$8,900			
Importance Code B	\$300			
<b>Total</b>	<b>\$9,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
HIGHBRIDGE PARK RETAINING WALL / CONCRETE RETAINING WALL**

**Asset # : 14690**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping Concrete	100%	2-4	\$300	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i> <i>Location : 50 Feet From North End</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Material: Concrete Block</i>								
Wall/Fence Concrete	100%	4+	\$8,900	LIFE		5	**	\$100
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : 50 Feet From North End</i> <i>Vegetation Growth, Extent : Light, Area Affected : 1%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Material: Concrete Block</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL BETWEEN WALLS S & T  
**Address** : EAST SIDE OF OLD AQUEDUCT TRAIL JUST SOUTH OF ASSET 14703  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W39 / 14943 **Yr Built/Renovated** :  
**Area Sq Ft** : 9,287 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$310,700	
<b>Total</b>	<b>\$310,700</b>	
Importance Code A	\$310,700	
<b>Total</b>	<b>\$310,700</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL BETWEEN WALLS S & T**  
**Asset # : 14943**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$310,700	LIFE	**	5	\$7,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 3 Inch Or More Diameter Tree Growth</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL BRICK RETAINING / PERIMETER WALL  
 Address : EAST SIDE OF ADVENTURE PLAYGROUND FROM W.163 ST. TO W.165 ST.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W17 / 14689 Yr Built/Renovated :  
 Area Sq Ft : 8,011 Project Type : PARKS AND RECREATION  
 Date of Survey : 28-Feb-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$481,600	
<b>Total</b>	<b>\$481,600</b>	
Importance Code A	\$481,600	
<b>Total</b>	<b>\$481,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,600			
<b>Total</b>	<b>\$6,600</b>			
Importance Code A	\$2,500			
Importance Code B	\$4,100			
<b>Total</b>	<b>\$6,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL BRICK RETAINING / PERIMETER WALL**

**Asset # : 14689**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$4,100	LIFE		**		
			<i>Cracks-Horizontal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout</i>					
Wall/Fence								
Concrete	90%	2-4	\$481,600	LIFE		**	5	\$1,200
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Loose Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : At Center Of Wall Near Playground</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : North End, South End, And Center Of Wall</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracks-Vertical, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : East Face</i>					
			<i>Explanation : All Observations Were Made On Brick Fascia</i>					
Metal Fence	10%	4+	\$2,500	LIFE		**	4-8	\$800
			<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

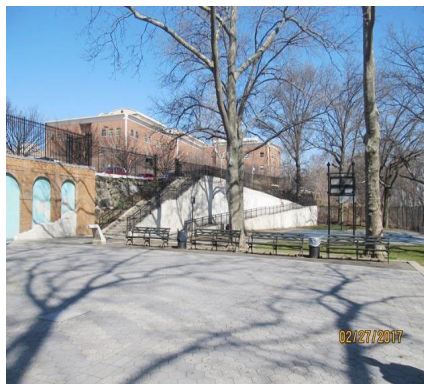
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL CONC. RETAINING / PERIMETER WALL  
 Address : N. OF W. 167 ST. ALONG EDGEComb AT RAMP NEXT TO B-BALL COURT  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W23 / 14695 Yr Built/Renovated :  
 Area Sq Ft : 2,106 Project Type : PARKS AND RECREATION  
 Date of Survey : 27-Feb-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$56,600	
<b>Total</b>	<b>\$56,600</b>	
Importance Code A	\$56,600	
<b>Total</b>	<b>\$56,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,100			
<b>Total</b>	<b>\$4,100</b>			
Importance Code A	\$2,000			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$4,100</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CONC. RETAINING / PERIMETER WALL**  
**Asset # : 14695**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%	4+	\$2,100	LIFE	**			
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Concrete	70%	4+	\$56,600	LIFE	**	5	\$200	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : At Center Of Wall</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 3 Rail Posts At South End And Center</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Metal Fence	30%	4+	\$2,000	LIFE	**	4-8	\$600	
			<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CURVING CUT STONE WALL  
**Address** : W175 ST AND AMSTERDAM AVE SOUTH TO W 174 ST AND AMSTERDAM AVE.  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W05 / 14085 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 5,312 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,400			
<b>Total</b>	<b>\$9,400</b>			
Importance Code A	\$6,200			
Importance Code B	\$3,300			
<b>Total</b>	<b>\$9,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CURVING CUT STONE WALL**  
**Asset # : 14085**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	60%	4+	\$3,300	LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North End Of Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout, More Severe Towards The North End</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 110 Feet And 230 Feet North Of South End Of The World</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : 45 Feet From North End Of The World</i>					
Concrete	40%			LIFE		**		
Wall/Fence								
Metal Fence	20%	4+	\$1,300	LIFE		**	4-8	\$1,100
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 110 Feet North Of South End Of Wall</i>					
			<i>Explanation : Displaced Section Of Metal Fence, Broken Connection</i>					
Metal Fence	15%			LIFE		**	4-8	\$800
Masonry:Granite	15%	4+	\$4,900	LIFE		**	5	\$700
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Face Of Wall</i>					
Masonry:Granite	50%			LIFE		**	5	\$2,300
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUT STONE  
**Address** : ALONG LAUREL HILL TERRACE  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W03 / 14083 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 1,494 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,100			
<b>Total</b>	<b>\$11,100</b>			
Importance Code A	\$7,900			
Importance Code B	\$3,200			
<b>Total</b>	<b>\$11,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUT STONE**

**Asset # : 14083**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Brownstone	85%	4+	\$3,200	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Within One Third Point From South End Of The Wall</i>								
Masonry:Brownstone	15%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	10%	4+	\$1,000	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Within One Third Point From South End Of The Wall</i>								
Masonry:Sandstone	25%	4+	\$2,300	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Within One Third Point From South End Of The Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout The Areas Of Joint Openings</i>								
Masonry:Schist/Gneiss	50%	4+	\$4,600	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : 35 Feet From The South End Of The Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Within One Third Point From South End Of The Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Face Of Wall</i>								
<i>Explanation : No Weepholes</i>								
Masonry:Schist/Gneiss	15%			LIFE	**	5	\$200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUT STONE W/COPING  
**Address** : FROM W155TH ST NORTH ALONG HARLEM RIVER DRIVE  
**Borough** : MANHATTAN **Agency's Number** : M027  
**Program / Asset #** : PAR0007.W01 / 14081 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 645 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,700			
<b>Total</b>	<b>\$1,700</b>			
Importance Code A	\$1,100			
Importance Code B	\$700			
<b>Total</b>	<b>\$1,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUT STONE W/COPING**

**Asset # : 14081**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$700	LIFE		**	5	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Middle Of Wall</i>								
Wall/Fence								
Masonry:Sandstone	27%	4+	\$1,100	LIFE		**		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Sandstone	73%			LIFE		**		
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUT STONE WALL  
**Address** : W175 ST AND AMSTERDAM AVE TO ALEXANDER HAMILTON BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W04 / 14084 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 3,203 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,900			
<b>Total</b>	<b>\$11,900</b>			
Importance Code A	\$10,700			
Importance Code B	\$1,100			
<b>Total</b>	<b>\$11,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUT STONE WALL**

**Asset # : 14084**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$1,100	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Granite	55%	4+	\$10,700	LIFE	**	5	\$1,500	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : At 150 Feet And 215 Feet From South End Of The Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout The Areas Of Joint Openings</i>					
Masonry:Granite	45%			LIFE	**	5	\$1,200	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL CUT STONE WALL  
 Address : W 174 ST SOUTH TO REC CENTER AT W173 ST AND AMSTERDAM AVE.  
 Borough : MANHATTAN Agency's Number : M037  
 Program / Asset # : PAR0007.W06 / 14086 Yr Built/Renovated : 1934 /  
 Area Sq Ft : 1,753 Project Type : PARKS AND RECREATION  
 Date of Survey : 28-Dec-2015 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

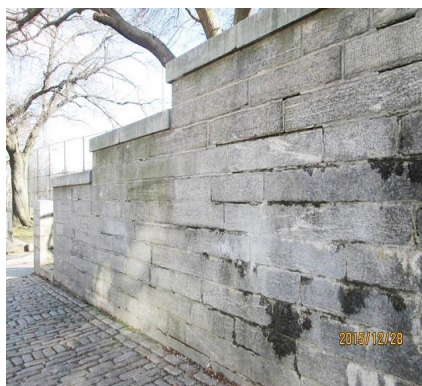
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,700			
<b>Total</b>	<b>\$5,700</b>			
Importance Code A	\$4,800			
Importance Code B	\$900			
<b>Total</b>	<b>\$5,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUT STONE WALL**

**Asset # : 14086**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$900	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Granite	45%	4+	\$4,800	LIFE	**	5	\$700	
			<i>Efflorescence, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Granite	55%			LIFE	**	5	\$800	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUT STONE WALL  
**Address** : SOUTHSIDE REC CENTER ENTRANCE AT W173 ST TO W172 ST AND AMSTERDAM  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W07 / 14087 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

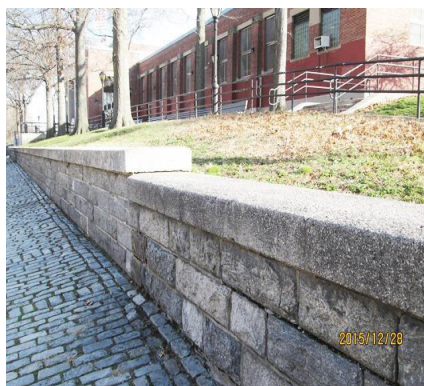
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,500			
<b>Total</b>	<b>\$2,500</b>			
Importance Code A	\$1,600			
Importance Code B	\$900			
<b>Total</b>	<b>\$2,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUT STONE WALL**

**Asset # : 14087**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Coping								
	Concrete	10%			LIFE	**		
	Masonry:Granite	90%	4+	\$900	LIFE	**	5	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
	Masonry:Granite	37%	4+	\$1,600	LIFE	**	5	\$200
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
	Masonry:Granite	63%			LIFE	**	5	\$400
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUTSTONE PERIMETER WALL  
**Address** : E. SIDE OF OVERLOOK PLATFORM W. OF AQDT TRAIL, OPP. PS 90  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W27 / 14699 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$216,800	
<b>Total</b>	<b>\$216,800</b>	
Importance Code A	\$216,800	
<b>Total</b>	<b>\$216,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$2,500			
<b>Total</b>	<b>\$2,500</b>			
Importance Code A	\$2,500			
<b>Total</b>	<b>\$2,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
HIGHBRIDGE PARK RETAINING WALL CUTSTONE PERIMETER WALL**

**Asset # : 14699**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Wall</b>								
<b>Wall/Fence</b>								
Metal Fence	10%	Now	\$2,500	LIFE	**	4-8	\$200	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At North End</i>								
Rubble Stone	90%	2-4	\$216,800	LIFE	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At North End Of Wall</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At North End Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<b>Base</b>								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUTSTONE PERIMETER WALL  
**Address** : E. SIDE OF OVERLOOK TO ROCK FORM W. OF AQDT TRAIL, OPP. PS 90  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W29 / 14701 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$457,700	
<b>Total</b>	<b>\$457,700</b>	
Importance Code A	\$457,700	
<b>Total</b>	<b>\$457,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$2,500			
<b>Total</b>	<b>\$2,500</b>			
Importance Code A	\$2,500			
<b>Total</b>	<b>\$2,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE PERIMETER WALL**

**Asset # : 14701**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concerete Parge</i>								
Wall/Fence								
Metal Fence	5%	4+	\$2,500	LIFE	**	4-8	\$200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At South End Of Wall</i>								
Rubble Stone	95%	2-4	\$457,700	LIFE	**	5	\$2,800	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along Bottom Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Top Of Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South End</i>								
<i>Explanation : Collapse With No Sign Of Movement</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUTSTONE RETAINING WALL  
**Address** : E. OF OVERLOOK PLATFORM E. OF AQDT TRAIL, OPP. PS 90  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W28 / 14700 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,028 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$51,900	
<b>Total</b>	<b>\$51,900</b>	
Importance Code A	\$51,900	
<b>Total</b>	<b>\$51,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE RETAINING WALL**  
**Asset # : 14700**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	85%	2-4	\$51,900	LIFE	**	5	\$1,300	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>					
			<i>Location : North End</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Scattered Throughout, And Large Diameter Trees Growing Out Of Top Of The Wall Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Full Length Of Wall</i>					
			<i>Explanation : Washout At Top Of Wall</i>					
Rubble Stone	15%			LIFE	**	5	\$200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL  
 Address : N. OF PLAZA @ HIGHBRIDGE ENTR. ADJ. TO HIGHBRIDGE  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W32 / 14704 Yr Built/Renovated :  
 Area Sq Ft : 990 Project Type : PARKS AND RECREATION  
 Date of Survey : 23-Mar-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,600			
<b>Total</b>	<b>\$5,600</b>			
Importance Code A	\$5,400			
Importance Code B	\$100			
<b>Total</b>	<b>\$5,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL**  
**Asset # : 14704**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Wall/Fence								
Metal Fence	10%			LIFE	**	4-8	\$100	
Masonry:Granite	90%	4+	\$5,400	LIFE	**	5	\$800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL  
 Address : N. OF HIGHBRIDGE ENTRANCE PARALLEL TO/ END @HARLEM RVR DR.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W33 / 14705 Yr Built/Renovated :  
 Area Sq Ft : 7,144 Project Type : PARKS AND RECREATION  
 Date of Survey : 22-Mar-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$109,000	
<b>Total</b>	<b>\$109,000</b>	
Importance Code A	\$109,000	
<b>Total</b>	<b>\$109,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,500			
<b>Total</b>	<b>\$2,500</b>			
Importance Code B	\$2,500			
<b>Total</b>	<b>\$2,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL**

**Asset # : 14705**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$2,500	LIFE		**	5	
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Sandstone	100%	4+	\$109,000	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Explanation : Water Infiltration</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL  
 Address : ALONG E. SIDE OF TOWER TERRACE W. 172 ST. TO W. 174 ST.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W34 / 14706 Yr Built/Renovated :  
 Area Sq Ft : 10,838 Project Type : PARKS AND RECREATION  
 Date of Survey : 22-Mar-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$148,300	
<b>Total</b>	<b>\$148,300</b>	
Importance Code A	\$96,400	
Importance Code B	\$51,900	
<b>Total</b>	<b>\$148,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL**

**Asset # : 14706**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	94%	2-4	\$51,900	LIFE		**		
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Scattered Throughout, With Concentration On North End</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Scattered Throughout</i>					
Concrete	6%			LIFE		**		
Wall/Fence								
Metal Fence	15%	2-4	\$40,200	LIFE		**	4-8	\$1,600
			<i>Deteriorated Finish, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : At Base Of Rail, Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : At North End Of Wall</i>					
			<i>Explanation : Loose Guardrail Supports, Area Fenced Off</i>					
Masonry:Schist/Gneiss	85%	4+	\$56,200	LIFE		**	5	\$7,900
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 1%</i>					
			<i>Location : At South End Of Wall</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : At North End And South End Of Wall</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Weepholes Not Funct, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : At Center Of Wall</i>					
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.



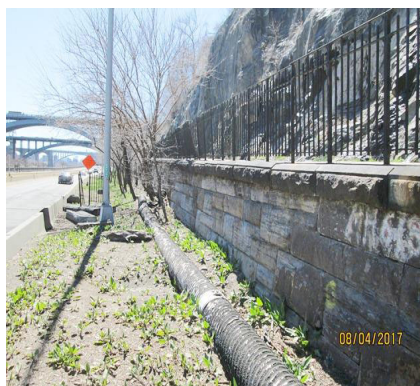
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL  
**Address** : ALONG E. SIDE OF LOWER WALKWAY N OF WASH. BRG, BTWN 181-186 STS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W35 / 14707 **Yr Built/Renovated** :  
**Area Sq Ft** : 33,091 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$147,500	
<b>Total</b>	<b>\$147,500</b>	
Importance Code A	\$147,500	
<b>Total</b>	<b>\$147,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$19,500			
<b>Total</b>	<b>\$19,500</b>			
Importance Code A				
Importance Code B	\$19,500			
<b>Total</b>	<b>\$19,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL**

**Asset # : 14707**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	1%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 30 Feet From North End</i> <i>Explanation : Material: Concrete Block</i>								
Masonry:Brownstone	1%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 1151 Feet From South End</i> <i>Explanation : Material: Cut Quarry Stone</i>								
Masonry:Granite	87%	4+	\$4,100	LIFE	**	5	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i> <i>Location : 1200 Feet From South End</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i> <i>Location : A Length Of 32 Feet At 1232 Feet From South End</i> <i>Vegetation Growth, Extent : Light, Area Affected : 5%</i> <i>Location : 5 Inch Minimum Diameter Tree Trunks At 548 Feet And 588 Feet From South End; 10 Feet And 20 Feet From North End; At Random Locations</i>								
Masonry:Granite	11%	Now	\$15,400	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i> <i>Location : Broken Elements At Random Locations And Missing Elements At A Length Of 67 Feet At 1306 Feet From South End; Temp. Concrete Barriers Were Installed</i>								
Wall/Fence								
Metal Fence	20%	4+	\$40,900	LIFE	**	4-8	\$6,700	
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i> <i>Location : At Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : At Random Locations</i> <i>Explanation : Rusted</i>								
Metal Fence	2%	Now	\$40,900	LIFE	**	4-8	\$700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : At The Same Locations Of Impact Damage</i> <i>Impact Damage, Extent : Moderate, Area Affected : 5%</i> <i>Location : At 192, 212, 779, 819, 891, 914, 1059, 1154, 1187 And 1198 From South End</i>								
Masonry:Schist/Gneiss	65%			LIFE	**	5	\$18,300	
Masonry:Schist/Gneiss	13%	4+	\$65,600	LIFE	**	5	\$3,700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i> <i>Location : At Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 15%</i> <i>Location : At Random Locations; 3 Inch Minimum Tree Trunks At 100 Feet And 200 Feet From North End</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : On The Wall At Random Locations</i> <i>Explanation : Rust Stains</i>								
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.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL**  
**Asset # : 14707**

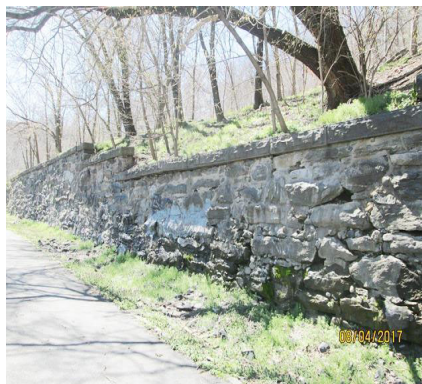
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL  
**Address** : W. SIDE OF LOWER WALKWAY BTWN W. 182-184 STS.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W37 / 14709 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,808 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$70,500	
<b>Total</b>	<b>\$70,500</b>	
Importance Code A	\$70,500	
<b>Total</b>	<b>\$70,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$8,600			
<b>Total</b>	<b>\$8,600</b>			
Importance Code A				
Importance Code B	\$8,600			
<b>Total</b>	<b>\$8,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL**  
**Asset # : 14709**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%	4+	\$8,600	LIFE	**	5	\$100	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Sandstone</i>					
Wall/Fence								
Rubble Stone	60%	4+	\$70,500	LIFE	**	5	\$3,400	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Rubble Stone	40%			LIFE	**	5	\$2,300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL GRANITE BRICK RETAINING WALL  
 Address : S. OF SUNKEN PLYGRD. @ W.165 ST. W. SIDE OF CURVING RAMP  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W19 / 14691 Yr Built/Renovated :  
 Area Sq Ft : 472 Project Type : PARKS AND RECREATION  
 Date of Survey : 28-Feb-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$10,300			
<b>Total</b>	<b>\$10,300</b>			
Importance Code A	\$7,900			
Importance Code B	\$2,400			
<b>Total</b>	<b>\$10,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL GRANITE BRICK RETAINING WALL**

**Asset # : 14691**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%	2-4	\$2,400	LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : At Center Of Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Material: Concrete Block</i>					
Wall/Fence								
Concrete	100%	4+	\$7,900	LIFE		**	5	\$100
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 20 Feet From North End</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : At Random Locations</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Material: Concrete Block</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RETAINING / PERIMETER WALL  
**Address** : EAST OF BALLFIELDS @ 171 ST. EAST SIDE OF AQDT TRAIL  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W30 / 14702 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,953 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Jan-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$130,700	
<b>Total</b>	<b>\$130,700</b>	
Importance Code A	\$130,700	
<b>Total</b>	<b>\$130,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
HIGHBRIDGE PARK RETAINING WALL RETAINING / PERIMETER WALL**

**Asset # : 14702**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	Now	\$130,700	LIFE	**	5	\$1,600	
<i>Vegetation Growth, Extent : Severe, Area Affected : 60%</i> <i>Location : Throughout, 8+ Trees Over 3 Inch Diameter Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : North Side</i> <i>Explanation : 8-inch Steel Drainage Pipe Through Wall</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RETAINING / PERIMETER WALL  
**Address** : ADJ TO HIGHBRIDGE S. BREAST WALL E. OF TERM. OF OLD AQDT. TRAIL  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W31 / 14703 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,370 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Jan-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$18,100			
<b>Total</b>	<b>\$18,100</b>			
Importance Code A	\$18,100			
<b>Total</b>	<b>\$18,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RETAINING / PERIMETER WALL**  
**Asset # : 14703**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Limestone	100%			LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	20%	4+	\$900	LIFE	**	4-8	\$700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Single Broken Post At South End</i>								
<i>Impact Damage, Extent : Light, Area Affected : 2%</i>								
<i>Location : Broken Spindles Southern End Of Fence</i>								
<i>Loose Fastenings, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Weld Failed At Bottom Of Posts Throughout</i>								
Rubble Stone	80%	2-4	\$17,200	LIFE	**	5	\$2,100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Primarily Northern Half Of Wall</i>								
<i>Explanation : 3-inch Or Larger Diameter Tree Growth</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE PERIMETER WALL  
**Address** : B-BALL COURTS @ W. 166 ST. ALONG EDGEComb @ SUNKEN PLYGRD.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W21 / 14693 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,013 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,300			
<b>Total</b>	<b>\$23,300</b>			
Importance Code A	\$18,100			
Importance Code B	\$5,100			
<b>Total</b>	<b>\$23,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE PERIMETER WALL**  
**Asset # : 14693**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	80%	4+	\$5,100	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Random Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Schist With Concrete Parge</i>								
Masonry:Schist/Gneiss	20%			LIFE	**	5		
Wall/Fence								
Rubble Stone	100%	4+	\$18,100	LIFE	**	5	\$2,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Random Locations</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Random Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : At Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Brick Structure At North End And Drains Throughout At Base Of Wall</i>								
<i>Explanation : Brick Structure And 3 Inches Diameter Cast Iron Drain Attached</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL  
**Address** : INSIDE PARK ALONG EDGEComb AVE. S. OF 157 ST., N. OF PARK STAIRS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W13 / 14685 **Yr Built/Renovated** :  
**Area Sq Ft** : 952 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$8,900			
<b>Total</b>	<b>\$8,900</b>			
Importance Code A	\$6,900			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$8,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL**  
**Asset # : 14685**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping Concrete	100%	4+	\$2,000	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Metal Fence	20%	4+	\$2,400	LIFE		**	4-8	\$200
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	80%	4+	\$4,600	LIFE		**	5	\$600
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : 10 Inch Diameter Tree Trunk 20 Feet From The South End</i>								
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.

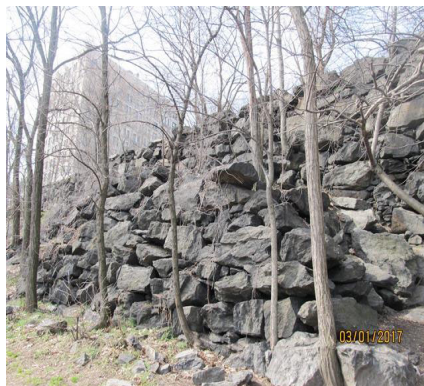
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL  
**Address** : INSIDE PARK ALONG EDGEComb AVE. FROM W. 159 ST. TO W. 162 ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W14 / 14686 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,087 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$333,900	
<b>Total</b>	<b>\$333,900</b>	
Importance Code A	\$333,900	
<b>Total</b>	<b>\$333,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL**  
**Asset # : 14686**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	2-4	\$333,900	LIFE	**	5	\$8,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Random Locations</i>								
<i>Excess Worn/Erod Mat, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Base Of Wall, 180 Feet From North End</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout Includes 6 Trees With Diameter of 3 Plus Inches</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : North End</i>								
<i>Explanation : North End Of Wall Collapsed</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL  
 Address : INSIDE PARK FRM W162 TO W163 STS OLD CROTON AQDT TRAIL - E. SIDE  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0007.W15 / 14687 Yr Built/Renovated :  
 Area Sq Ft : 1,927 Project Type : PARKS AND RECREATION  
 Date of Survey : 01-Mar-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,600			
<b>Total</b>	<b>\$11,600</b>			
Importance Code A	\$11,600			
<b>Total</b>	<b>\$11,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL**

**Asset # : 14687**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$11,600	LIFE	**	5	\$1,400	
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : 25 Feet From North End</i>								
<i>Explanation : Large Stump</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL  
**Address** : E. SIDE OF OLD CROTON AQDT TRAIL E. OF ADVENTURE PLYGRD @164 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W16 / 14688 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,813 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$16,900			
<b>Total</b>	<b>\$16,900</b>			
Importance Code A	\$16,900			
<b>Total</b>	<b>\$16,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RUBBLE STONE RETAINING WALL**  
**Asset # : 14688**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$16,900	LIFE	**	5	\$2,100	
			<i>Vegetation Growth, Extent : Light, Area Affected : 3%</i>					
			<i>Location : 10 Plus Inch Tree Trunks From South End And At Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 60 Feet From North End</i>					
			<i>Explanation : Drainage Structure Clogged</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL RUBBLESTONE RETAINING WALL  
**Address** : FROM RAMP @167 ST N. TO OVERLOOK ALONG EDGEComb, OPP. PS 90  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W25 / 14697 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,385 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Feb-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$13,200			
<b>Total</b>	<b>\$13,200</b>			
Importance Code A	\$10,600			
Importance Code B	\$2,600			
<b>Total</b>	<b>\$13,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RUBBLESTONE RETAINING WALL**  
**Asset # : 14697**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	85%	4+	\$2,600	LIFE	**	5		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Schist Parged With Concrete</i>					
Masonry:Schist/Gneiss	15%			LIFE	**	5		
Wall/Fence								
Rubble Stone	40%	4+	\$10,600	LIFE	**	5	\$1,300	
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : 5 Inch Tree Trunk At Center Of Wall; 6 Inch Tree Trunk At 9 Feet From North Wall; Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Three Fourth Of Wall Is Dry Set, And The Rest Has Mortar</i>					
Rubble Stone	60%			LIFE	**	5	\$1,900	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : HIGHBRIDGE PARK RETAINING WALL STACKED STONE W/MORTARED JOINTS  
 Address : INSIDE PARK ALONG LAUREL HILL TERRACE  
 Borough : MANHATTAN Agency's Number : M037  
 Program / Asset # : PAR0007.W02 / 14082 Yr Built/Renovated : 1934 /  
 Area Sq Ft : 11,954 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Dec-2015 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$93,600	
<b>Total</b>	<b>\$93,600</b>	
Importance Code A	\$93,600	
<b>Total</b>	<b>\$93,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,200			
<b>Total</b>	<b>\$4,200</b>			
Importance Code A				
Importance Code B	\$4,200			
<b>Total</b>	<b>\$4,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL STACKED STONE W/MORTARED JOINTS**  
**Asset # : 14082**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	98%	4+	\$3,000	LIFE		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	2%	Now	\$1,200	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Localized Area At The North Part Of Wall</i>								
Wall/Fence								
Rubble Stone	48%	4+	\$86,400	LIFE		**	5	\$4,200
<i>Broken/Missing Elements, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Excess Worn/Erod Mat, Extent : Light, Area Affected : 7%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 7%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	1%	Now	\$7,200	LIFE		**	5	\$100
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Localized Area At The North Part Of Wall</i>								
Rubble Stone	51%			LIFE		**	5	\$4,500
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL STONE RETAINING / PERIMETER WALL  
**Address** : W.OF OVERLOOK PLATFORM AND SS OF STAIR ALONG EDGEComb, OPP. PS 90  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0007.W26 / 14698 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,074 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$63,300	
<b>Total</b>	<b>\$63,300</b>	
Importance Code A	\$63,300	
<b>Total</b>	<b>\$63,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL STONE RETAINING / PERIMETER WALL**  
**Asset # : 14698**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Top Of Wall</i>						
		<i>Explanation : Concrete Parge</i>						
Wall/Fence								
Masonry:Schist/Gneiss	100%	2-4	\$63,300	LIFE		**	5	\$1,800
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Scattered Throughout</i>						
		<i>Cracks-Horizontal, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : Scattered Throughout</i>						
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Scattered Throughout</i>						
		<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : 75 Feet From South End Of Wall</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Scattered Throughout</i>						
		<i>Cracks-Vertical, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : Scattered Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>						
		<i>Location : 60 Feet From South End</i>						
		<i>Explanation : Wall Failure</i>						
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HIGHBRIDGE PARK RETAINING WALL STONE TOPPED BY CUT STONE  
**Address** : ALONG SOUTH SIDE AT LAUREL HILL TERRACE  
**Borough** : MANHATTAN **Agency's Number** : M037  
**Program / Asset #** : PAR0007.W08 / 14088 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 13,288 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$31,000			
<b>Total</b>	<b>\$31,000</b>			
Importance Code A	\$26,600			
Importance Code B	\$4,400			
<b>Total</b>	<b>\$31,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL STONE TOPPED BY CUT STONE**  
**Asset # : 14088**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	80%	4+	\$4,400	LIFE	**	5	\$100	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 80 Feet From The South End Of The Wall</i>					
Masonry:Brownstone	20%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	5%	4+	\$4,700	LIFE	**	5	\$600	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 410 Feet From South End Of The Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Granite	5%			LIFE	**	5	\$600	
Masonry:Sandstone	7%	4+	\$5,700	LIFE	**			
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : North Side Of The Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Sandstone	13%			LIFE	**			
Masonry:Schist/Gneiss	20%	4+	\$16,200	LIFE	**	5	\$2,300	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Schist/Gneiss	50%			LIFE	**	5	\$5,700	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING/PERIMETER WALL  
 Address : ENTRANCE @ ISHAM ST/ SEAMAN AVE ALONG SEAMAN TO TENNIS COURT ENT  
 Borough : MANHATTAN Agency's Number : M042  
 Program / Asset # : PAR0005.014 / 14299 Yr Built/Renovated :  
 Area Sq Ft : 850 Project Type : PARKS AND RECREATION  
 Date of Survey : 28-Mar-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,000			
<b>Total</b>	<b>\$11,000</b>			
Importance Code A	\$7,400			
Importance Code B	\$3,500			
<b>Total</b>	<b>\$11,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
INWOOD HILL PARK RETAINING/PERIMETER WALL**

**Asset # : 14299**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	80%	4+	\$3,500	LIFE				**
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South End Of Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	20%			LIFE				**
Wall/Fence								
Rubble Stone	56%	4+	\$7,200	LIFE		5	\$300	**
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Rubble Stone	35%			LIFE		5	\$400	**
Rubble Stone	9%			LIFE		5	\$100	**
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING/PERIMETER WALL  
**Address** : ALONG SEAMAN AVE TO W207 ST TENNIS COURTS TO EMMERSON PLGD  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.015 / 14300 **Yr Built/Renovated** :  
**Area Sq Ft** : 390 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,400			
<b>Total</b>	<b>\$2,400</b>			
Importance Code A	\$2,400			
Importance Code B				
<b>Total</b>	<b>\$2,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**

**Asset # : 14300**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%	4+		LIFE		**	
	Concrete							
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 12%</i>				
				<i>Location : Throughout</i>				
Wall/Fence	Masonry:Schist/Gneiss	100%	4+	\$2,400	LIFE	**	5	\$300
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING/PERIMETER WALL  
**Address** : ENTRANCE @ ISHAM ST/ SEAMAN AVE ALONG SEAMAN AVE TO W 214TH ST  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.016 / 14301 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,470 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$53,500	
<b>Total</b>	<b>\$53,500</b>	
Importance Code A	\$53,500	
<b>Total</b>	<b>\$53,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$6,100			
<b>Total</b>	<b>\$6,100</b>			
Importance Code A	\$1,400			
Importance Code B	\$4,700			
<b>Total</b>	<b>\$6,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**

**Asset # : 14301**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	84%	4+	\$4,700	LIFE			**
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
	Concrete	16%			LIFE			**
Wall/Fence								
	Rubble Stone	65%	2-4	\$53,500	LIFE		5	\$2,600
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Multiple Large Trees Growing In Wall</i>				
	Rubble Stone	35%			LIFE		5	\$2,800
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING/PERIMETER WALL  
**Address** : FROM W 218TH ST AND INDIAN RD WEST INTO PARK TO BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.017 / 14302 **Yr Built/Renovated** :  
**Area Sq Ft** : 890 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$27,200			
<b>Total</b>	<b>\$27,200</b>			
Importance Code A	\$27,200			
<b>Total</b>	<b>\$27,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14302**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Granite	100%	4+	\$27,200	LIFE	**	5	\$800	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : West End Of Wall.</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING/PERIMETER WALL  
**Address** : SOUTHEAST OF HENRY HUDSON BRIDGE OPPOSITE THE PENINSULA  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.018 / 14303 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,380 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$36,300	
<b>Total</b>	<b>\$36,300</b>	
Importance Code A	\$36,300	
<b>Total</b>	<b>\$36,300</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**

**Asset # : 14303**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$36,300	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout Top Layer Of Stones</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Middle Of Wall</i>								
<i>Explanation : 8 Inch Tree</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL  
**Address** : NORTHSIDE OF PARK E. OF DYCKMAN PARALLEL TO NB HH PKWAY  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.031 / 14328 **Yr Built/Renovated** :  
**Area Sq Ft** : 770 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$11,800			
<b>Total</b>	<b>\$11,800</b>			
Importance Code A	\$11,800			
<b>Total</b>	<b>\$11,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14328**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$11,800	LIFE	**	5	\$700	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 18%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL  
**Address** : WEST OF THE HENRY HUDSON BRIDGE ADJACENT TO BRIDGE FOOTING  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.020 / 14305 **Yr Built/Renovated** :  
**Area Sq Ft** : 695 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$600			
<b>Total</b>	<b>\$600</b>			
Importance Code A	\$600			
<b>Total</b>	<b>\$600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14305**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$1,200	
		<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL  
**Address** : STAIRWELL WALL EAST OF UNDERPASS  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.021 / 14306 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,615 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,400			
<b>Total</b>	<b>\$1,400</b>			
Importance Code A	\$1,400			
<b>Total</b>	<b>\$1,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
 INWOOD HILL PARK RETAINING WALL  
 Asset # : 14306**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$2,800	
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING WALL  
 Address : ALONG PAYSON AVE JUST OFF SEAMAN TO RETURN BEFORE ENTRANCE RAMP  
 Borough : MANHATTAN Agency's Number : M042  
 Program / Asset # : PAR0005.023 / 14308 Yr Built/Renovated :  
 Area Sq Ft : 3,540 Project Type : PARKS AND RECREATION  
 Date of Survey : 05-Apr-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,000			
<b>Total</b>	<b>\$3,000</b>			
Importance Code A	\$3,000			
<b>Total</b>	<b>\$3,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
 INWOOD HILL PARK RETAINING WALL  
 Asset # : 14308**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$6,000	
			<i>Cracks-Diagonal, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracks-Horizontal, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout The Base Of Wall</i>					
			<i>Explanation : Drain Pipes At Base Of Wall Spaced Between 10 Feet To 25 Feet</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING WALL  
 Address : FROM NO. ENTRANCE ON PAYSON AVE SOUTH TO BEAK ST AND PAYSON AVE  
 Borough : MANHATTAN Agency's Number : M042  
 Program / Asset # : PAR0005.024 / 14309 Yr Built/Renovated :  
 Area Sq Ft : 1,130 Project Type : PARKS AND RECREATION  
 Date of Survey : 27-Apr-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$68,100	
<b>Total</b>	<b>\$68,100</b>	
Importance Code A	\$68,100	
<b>Total</b>	<b>\$68,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14309**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$68,100	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : 25 Feet Long 4 Inch Bulging, 32 Feet From The North End Of Wall And 15 Feet Long 3 Inch Bulging, 200 Feet From The North End Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Erosion More Severe At 75 Feet And 160 Feet From The North End Of Wall</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL  
**Address** : ENTRANCE ON PAYSON NEAR DYCKMAN NORTH SIDE OF EAST TO WEST PATH  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.027 / 14312 **Yr Built/Renovated** :  
**Area Sq Ft** : 960 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$29,300			
<b>Total</b>	<b>\$29,300</b>			
Importance Code A	\$29,300			
<b>Total</b>	<b>\$29,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14312**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$29,300	LIFE	**	5	\$800	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout.</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL  
**Address** : ENTRANCE ON PAYSON NEAR DYCKMAN SOUTH SIDE OF EAST WEST PATH  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.028 / 14313 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,430 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$107,500	
<b>Total</b>	<b>\$107,500</b>	
Importance Code A	\$107,500	
<b>Total</b>	<b>\$107,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$10,400			
<b>Total</b>	<b>\$10,400</b>			
Importance Code A				
Importance Code B	\$10,400			
<b>Total</b>	<b>\$10,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14313**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	5%	Now	\$500	LIFE	**	5		
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Approximately 180 Feet And 280 Feet From The Lower End Of The Wall.</i>								
Masonry:Schist/Gneiss	95%	4+	\$9,800	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	5%	0-2	\$37,100	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Approximately 180 Feet And 280 Feet From The Lower End Of The Wall.</i>								
Masonry:Schist/Gneiss	95%	4+	\$70,400	LIFE	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At 350 Feet From South End Of Wall, 6 Feet Long And Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL  
**Address** : SOUTHWEST AREA NORTH OF DYCKMAN PATH GOING WEST FROM 14313  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.029 / 14314 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,150 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$35,100	
<b>Total</b>	<b>\$35,100</b>	
Importance Code A	\$35,100	
<b>Total</b>	<b>\$35,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14314**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
Wall/Fence									
	Masonry:Schist/Gneiss	50%	Now	\$17,600	LIFE	**	5	\$500	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i> <i>Location : Approximate 50 Ft And 150 Ft From The Lower End Of The Wall. At 50 Ft, 6 Ft Long Section Has Failed Completely. At 150 Ft, 30 Ft Long Partial Collapse Section Has Exposed Earth.</i> <i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>									
	Masonry:Schist/Gneiss	50%	4+	\$17,600	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random Locations Throughout.</i> <i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout.</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout.</i>									
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL #22 WEST OF SOCCER FIELD  
**Address** : SOUTH OF 14335 FROM PATH UP HILL TO STONE STEPS BEFORE 14335  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.038 / 14336 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,555 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$93,600	
<b>Total</b>	<b>\$93,600</b>	
Importance Code A	\$93,600	
<b>Total</b>	<b>\$93,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,300			
<b>Total</b>	<b>\$1,300</b>			
Importance Code A				
Importance Code B	\$1,300			
<b>Total</b>	<b>\$1,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL #22 WEST OF SOCCER FIELD**  
**Asset # : 14336**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	4+	\$1,300	LIFE	**	5	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Fallen Tree At Middle Of Wall And Random Locations Throughout.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout.</i>								
Wall/Fence								
Rubble Stone	100%	4+	\$93,600	LIFE	**	5	\$1,100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout.</i>								
<i>Cracks-Vertical, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Base Of Wall At 60 Feet From North End.</i>								
<i>Explanation : Undermining</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL ABUTS ASSET 14308 AT RETURN  
**Address** : NORTH ENTRANCE ON PAYSON ALONG EASTERN SIDE OF RAMP  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.026 / 14311 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$29,600			
<b>Total</b>	<b>\$29,600</b>			
Importance Code A	\$29,600			
<b>Total</b>	<b>\$29,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL ABUTS ASSET 14308 AT RETURN**  
**Asset # : 14311**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	35%			LIFE		**		
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout.</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : South End Of The Wall.</i> <i>Explanation : 127 Foot Long Concrete Coping.</i>								
No Component	65%							
Wall/Fence								
Masonry:Schist/Gneiss	65%	4+	\$12,700	LIFE		**	5	\$1,800
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout.</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout.</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout.</i>								
Rubble Stone	35%	4+	\$16,900	LIFE		**	5	\$800
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout.</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Left End Of The Wall, Facing From Payson Avenue</i> <i>Explanation : 127 Foot Long Rubble Wall Section</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL ADJACENT TO ASSET 14303  
**Address** : EAST OF THE HENRY HUDSON BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.019 / 14304 **Yr Built/Renovated** :  
**Area Sq Ft** : 895 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$29,800			
<b>Total</b>	<b>\$29,800</b>			
Importance Code A	\$29,800			
<b>Total</b>	<b>\$29,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL ADJACENT TO ASSET 14303**  
**Asset # : 14304**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	99%	4+	\$27,000	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	1%	Now	\$2,700	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North End Of Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL BEHIND THE HANDBALL COURTS  
**Address** : EMERSON ST AND PAYSON AVE PATH LEADIN NORTH BEHIND COURTS  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.041 / 14339 **Yr Built/Renovated** :  
**Area Sq Ft** : 390 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$2,400			
<b>Total</b>	<b>\$2,400</b>			
Importance Code A	\$2,400			
<b>Total</b>	<b>\$2,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL BEHIND THE HANDBALL COURTS**

**Asset # : 14339**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Wall								
Wall/Fence Rubble Stone	100%	4+	\$2,400	LIFE	**	5	\$300	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout The Top Of Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL BEHIND THE HILL W. OF BALLFIELDS  
**Address** : SECOND RIGHT PATH OFF MAIN PATH STARTING FROM SEAMAN / ISHAM AVE  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.042 / 14340 **Yr Built/Renovated** :  
**Area Sq Ft** : 370 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$5,600			
<b>Total</b>	<b>\$5,600</b>			
Importance Code A	\$5,600			
<b>Total</b>	<b>\$5,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL BEHIND THE HILL W. OF BALLFIELDS**  
**Asset # : 14340**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$5,600	LIFE	**	5	\$300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout The Top Of Wall</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING WALL BET @ PAYSON AND EMMERSON  
 Address : JUST OFF SEAMAN ON PAYSON AVE NEXT TO AND BEHIND 3 BLGS  
 Borough : MANHATTAN Agency's Number : M042  
 Program / Asset # : PAR0005.025 / 14310 Yr Built/Renovated :  
 Area Sq Ft : 1,460 Project Type : PARKS AND RECREATION  
 Date of Survey : 05-Apr-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$66,000	
<b>Total</b>	<b>\$66,000</b>	
Importance Code A	\$66,000	
<b>Total</b>	<b>\$66,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,200			
<b>Total</b>	<b>\$5,200</b>			
Importance Code A				
Importance Code B	\$5,200			
<b>Total</b>	<b>\$5,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL BET @ PAYSON AND EMMERSON**  
**Asset # : 14310**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	50%	4+	\$5,200	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout At Vertically Laid Coping</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 46 Feet From The North End Of Wall To The South End Of Wall</i>								
<i>Explanation : Vertically Laid Coping Stones</i>								
Masonry:Schist/Gneiss	30%			LIFE	**	5		
No Component	20%							
Wall/Fence								
Rubble Stone	10%	0-2	\$26,400	LIFE	**	5	\$100	
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 70%</i>								
<i>Location : 20 Feet Long, 12 Inch Bulge, 70 Feet From The North End Of Wall</i>								
Rubble Stone	90%	4+	\$39,600	LIFE	**	5	\$1,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Missing Stone At Pylon, 2 Square Feet, Near South End Of Wall</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>								
<i>Location : 10 Feet Long, 2 Inch Bulge, 136 Feet From The North End Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : 50 Feet From The North End Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Majority Type Of Stone Is Schist/ Gnies</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL EAST FACING ESCARPMENT #6  
**Address** : DOWN SLOPE AND E. OF 14332/14333 MAIN PATH TO HH BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.037 / 14335 **Yr Built/Renovated** :  
**Area Sq Ft** : 360 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$50,000			
<b>Total</b>	<b>\$50,000</b>			
Importance Code A	\$34,700			
Importance Code B	\$15,300			
<b>Total</b>	<b>\$50,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL EAST FACING ESCARPMENT #6**  
**Asset # : 14335**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	Now	\$15,300	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Approximately 20 Feet From The Upper End Of The Wall.</i>								
<i>Explanation : Bulged Section Caused Coping To Crack</i>								
Wall/Fence								
Rubble Stone	50%	Now	\$21,700	LIFE	**	5	\$100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Approximately 20 Feet From The Upper End Of The Wall.</i>								
<i>Explanation : Bulged Section With Exposed Earth Due To A Tree Growing In The Wall Causing Excess Pressure On The Stones.</i>								
Rubble Stone	50%	4+	\$13,000	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout.</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near The South End.</i>								
<i>Explanation : Small Portion Of Wall Is Founded On Bedrock</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING WALL HIGH POINT OF E. SIDE OF PARK #7  
 Address : WEST SLOPE OF PATH LEADING N.E. TO FOOTING OF HH BRIDGE  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0005.035 / 14333 Yr Built/Renovated :  
 Area Sq Ft : 1,180 Project Type : PARKS AND RECREATION  
 Date of Survey : 05-Apr-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$40,500	
<b>Total</b>	<b>\$40,500</b>	
Importance Code A	\$40,500	
<b>Total</b>	<b>\$40,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,400			
<b>Total</b>	<b>\$4,400</b>			
Importance Code A	\$400			
Importance Code B	\$4,100			
<b>Total</b>	<b>\$4,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL HIGH POINT OF E. SIDE OF PARK #7**  
**Asset # : 14333**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	4+	\$4,100	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Rubble Stone	57%	4+	\$40,500	LIFE	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	43%			LIFE	**	5	\$700	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL HIGH POINT OF E. SIDE OF PARK #8  
**Address** : UPSLOPE AND WEST OF 14333 W. SIDEPATH TO FOOT OF HH BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.036 / 14334 **Yr Built/Renovated** :  
**Area Sq Ft** : 295 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$10,600			
<b>Total</b>	<b>\$10,600</b>			
Importance Code A	\$10,600			
<b>Total</b>	<b>\$10,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL HIGH POINT OF E. SIDE OF PARK #8**  
**Asset # : 14334**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	5%	Now	\$2,200	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : South Side Of The Wall</i>								
Rubble Stone	95%	4+	\$8,400	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : South End</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL HILL ABOVE PAYSON AVE. ENTRANCE  
**Address** : ALONG PATH WEST OF PAYSON AVENUE RAMP. ASSET 14311  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.040 / 14338 **Yr Built/Renovated** :  
**Area Sq Ft** : 950 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$22,500			
<b>Total</b>	<b>\$22,500</b>			
Importance Code A	\$22,500			
<b>Total</b>	<b>\$22,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL HILL ABOVE PAYSON AVE. ENTRANCE**  
**Asset # : 14338**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Wall/Fence								
	Rubble Stone	3%	Now	\$8,600	LIFE	**	5	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Approximately 170 Feet From The Lower End Of The Wall.</i>								
	Rubble Stone	97%	4+	\$13,900	LIFE	**	5	\$700
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 10 Feet Long And 2 Inch Bulge Section Is Located Approximately 167 Feet From The Lower End Of The Wall.</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL LOOKOUT POINT E. OF DYCKMAN ST  
**Address** : EAST OF DYCKMAN NE OF # 14314 S. OF MAIN PATH TO HH PKWY  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.033 / 14330 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,936 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$53,200	
<b>Total</b>	<b>\$53,200</b>	
Importance Code A	\$53,200	
<b>Total</b>	<b>\$53,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$21,800			
<b>Total</b>	<b>\$21,800</b>			
Importance Code A	\$17,400			
Importance Code B	\$4,400			
<b>Total</b>	<b>\$21,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL LOOKOUT POINT E. OF DYCKMAN ST**  
**Asset # : 14330**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	60%	4+	\$1,600	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Approximately 90 Feet From The Left End Of The Wall, Facing Towards The River And At North Corner On The Park Side.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
Masonry:Schist/Gneiss	20%	Now	\$2,700	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Beneath Broken Railing</i>								
Masonry:Schist/Gneiss	20%			LIFE	**	5		
Wall/Fence								
Metal Fence	45%	4+	\$5,400	LIFE	**	4-8	\$900	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Fence	10%	Now	\$12,000	LIFE	**	4-8	\$200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Approximately 30 Feet Long Along West Side Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Adjacent To Broken Section Of Railing Along River (West) Side Of Wall</i>								
<i>Explanation : Temporary Repair Evident</i>								
Masonry:Schist/Gneiss	45%	4+	\$53,200	LIFE	**	5	\$700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Approximately 40 Feet And 60 Feet From The Left End Of The Wall, Facing Towards The River, At Northwest Corner</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest And Southwest Corners</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout. Trees At 50 Feet From Southwest Corner Of Wall.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Adjacent To Large Trees On Top Of Wall.</i>								
<i>Explanation : Displacement Of Stones</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL NEAR FOUNDATION REMENANTS  
**Address** : EAST OF LOOKOUT ASSET 14330 ALONG SECOND NE TO SW PATH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.034 / 14332 **Yr Built/Renovated** :  
**Area Sq Ft** : 375 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$11,300			
<b>Total</b>	<b>\$11,300</b>			
Importance Code A	\$11,300			
<b>Total</b>	<b>\$11,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL NEAR FOUNDATION REMENANTS**  
**Asset # : 14332**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence Rubble Stone	100%	4+	\$11,300	LIFE	**	5	\$300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout.</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout.</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Southeast End Of Wall.</i> <i>Explanation : A Fallen Tree Has Undermined The Footing And Broken Away A Section Of The Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING WALL RIDGE PATH FROM HH BRIDGE FOOTIN  
 Address : EAST END OF MAIN RIDGE PATH UPHILL FROM ASSET 14304  
 Borough : MANHATTAN Agency's Number : M042  
 Program / Asset # : PAR0005.043 / 14341 Yr Built/Renovated :  
 Area Sq Ft : 840 Project Type : PARKS AND RECREATION  
 Date of Survey : 13-Apr-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$12,600			
<b>Total</b>	<b>\$12,600</b>			
Importance Code A	\$12,600			
<b>Total</b>	<b>\$12,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL RIDGE PATH FROM HH BRIDGE FOOTIN**  
**Asset # : 14341**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	4+	\$12,600	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Middle Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD HILL PARK RETAINING WALL UP HILL PATH FROM HH BRIDGE FOOT  
 Address : PATH ALONG EAST HIGH POINT PATH #3 AND 4 EAST OF LOOPED PATH  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0005.039 / 14337 Yr Built/Renovated :  
 Area Sq Ft : 1,215 Project Type : PARKS AND RECREATION  
 Date of Survey : 27-Apr-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$58,500	
<b>Total</b>	<b>\$58,500</b>	
Importance Code A	\$58,500	
<b>Total</b>	<b>\$58,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL UP HILL PATH FROM HH BRIDGE FOOT**  
**Asset # : 14337**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	80%	4+	\$58,500	LIFE	**	5	\$700	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout.</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout.</i>					
			<i>Explanation : Drywall</i>					
Not Accessible	20%							
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK RETAINING WALL WESTERN WALL OF S/B HHP  
**Address** : WEST SIDE OF PARK BET. ROADWAY AND RAIL TRACKS  
**Borough** : MANHATTAN **Agency's Number** : M042  
**Program / Asset #** : PAR0005.022 / 14307 **Yr Built/Renovated** :  
**Area Sq Ft** : 345 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,300			
<b>Total</b>	<b>\$5,300</b>			
Importance Code A	\$5,300			
<b>Total</b>	<b>\$5,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING WALL WESTERN WALL OF S/B HHP**  
**Asset # : 14307**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$5,300	LIFE	**	5	\$300	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : ISHAM PARK RETAINING WALL BETWEEN ENTRANCES ON PARK TER. W  
 Address : ALONG PARK TER. W. BETWEEN ENTRANCES MID BLOCK  
 Borough : MANHATTAN Agency's Number : M043  
 Program / Asset # : PAR0236.008 / 14279 Yr Built/Renovated :  
 Area Sq Ft : 2,160 Project Type : PARKS AND RECREATION  
 Date of Survey : 08-Apr-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,600			
<b>Total</b>	<b>\$4,600</b>			
Importance Code A	\$4,600			
<b>Total</b>	<b>\$4,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL BETWEEN ENTRANCES ON PARK TER. W**  
**Asset # : 14279**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Granite	35%	4+	\$4,600	LIFE	**	5	\$600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout Wall</i>								
Masonry:Granite	65%			LIFE	**	5	\$1,200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL INSIDE PARK ALONG SOUTHERN PATH  
**Address** : SOUTH AND WEST OF PARK TER. EAST ENTRANCE, WEST PARALLEL TO BWAY  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.001 / 14272 **Yr Built/Renovated** :  
**Area Sq Ft** : 710 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$28,100			
<b>Total</b>	<b>\$28,100</b>			
Importance Code A	\$26,000			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$28,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL INSIDE PARK ALONG SOUTHERN PATH**  
**Asset # : 14272**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,000	LIFE	**	5		
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Throughout</i>						
Wall/Fence								
Masonry:Schist/Gneiss	60%	Now	\$26,000	LIFE	**	5	\$400	
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Round Section Of Wall On East Face And 20 Feet From South End</i>						
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
Masonry:Schist/Gneiss	40%			LIFE	**	5	\$200	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL SEMI CIRCULAR WALL INSIDE PARK  
**Address** : SOUTH OF AND ADJACENT TO 14272 E. TO W. AND PARALLEL TO BWAY  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.002 / 14273 **Yr Built/Renovated** :  
**Area Sq Ft** : 440 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,500			
<b>Total</b>	<b>\$9,500</b>			
Importance Code A	\$6,700			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$9,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL SEMI CIRCULAR WALL INSIDE PARK**  
**Asset # : 14273**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	10%	4+		LIFE	**		
	Concrete							
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i>				
				<i>Location : North End Of Wall</i>				
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : North End Of Wall</i>				
	Masonry:Schist/Gneiss	90%	4+	\$2,800	LIFE	**	5	
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>				
				<i>Location : South End Of Wall</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : This Component Is Actually Bluestone</i>				
Wall/Fence	Masonry:Schist/Gneiss	100%	4+	\$6,700	LIFE	**	5	\$400
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout Wall</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout Wall</i>				
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL SOUTH SIDE OF PARK  
**Address** : ALONG BWAY FROM W 213 ST TO WEST OF W212 ST  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.003 / 14274 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$102,700	
<b>Total</b>	<b>\$102,700</b>	
Importance Code A	\$102,700	
<b>Total</b>	<b>\$102,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$15,700			
<b>Total</b>	<b>\$15,700</b>			
Importance Code A				
Importance Code B	\$15,700			
<b>Total</b>	<b>\$15,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL SOUTH SIDE OF PARK**

**Asset # : 14274**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	2-4	\$15,700	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	91%	2-4	\$102,700	LIFE	**	5	\$2,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry:Schist/Gneiss	9%			LIFE	**	5	\$300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL SOUTH WEST CORNER OF PARK  
**Address** : TOP AND E OF STEPS @BWAY W211 EAST SIDE OF PATH RUNNING NORTH  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.005 / 14276 **Yr Built/Renovated** :  
**Area Sq Ft** : 460 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,100			
<b>Total</b>	<b>\$6,100</b>			
Importance Code A	\$3,800			
Importance Code B	\$2,300			
<b>Total</b>	<b>\$6,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL SOUTH WEST CORNER OF PARK**  
**Asset # : 14276**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	70%	Now	\$2,300	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Mostly On The North Face Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Bluestone And It Has Been Painted</i>								
Masonry:Schist/Gneiss	30%			LIFE	**	5		
Wall/Fence								
Concrete	50%	4+	\$3,800	LIFE	**	5		
<i>Soft Jts Deter/Miss, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Face Of Wall</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>								
<i>Location : Middle Of North Face Of Wall</i>								
Rubble Stone	50%			LIFE	**	5	\$200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL SOUTHWEST CORNER OF PARK  
**Address** : EAST SIDE OF ENTRANCE PATH AT BWAY BET. W211 AND W212 STS  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.004 / 14275 **Yr Built/Renovated** :  
**Area Sq Ft** : 340 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Mar-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,400			
<b>Total</b>	<b>\$2,400</b>			
Importance Code A				
Importance Code B	\$2,400			
<b>Total</b>	<b>\$2,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL SOUTHWEST CORNER OF PARK**  
**Asset # : 14275**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$2,400	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : This Component Is Actually Bluestone</i>					
Wall/Fence								
Rubble Stone	100%			LIFE	**	5	\$200	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL WALL ALONG PARK TERRACE WEST  
**Address** : FROM ISHAM AND COOPER STS. TO ENTRANCE MID PARK TER. W.  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.007 / 14278 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,730 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL WALL ALONG PARK TERRACE WEST**  
**Asset # : 14278**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Actually Bluestone.</i>								
Wall/Fence								
Concrete	80%			LIFE	**	5	\$500	
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Metal Fence	20%			LIFE	**	4-8	\$800	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ISHAM PARK RETAINING WALL WESTERN PATH OF PARK  
**Address** : NO. SIDE OF STEP ALONG EAST SIDE OF PATH TO PARK TER. W  
**Borough** : MANHATTAN **Agency's Number** : M043  
**Program / Asset #** : PAR0236.006 / 14277 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,340 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,000			
<b>Total</b>	<b>\$23,000</b>			
Importance Code A	\$20,200			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$23,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ISHAM PARK RETAINING WALL WESTERN PATH OF PARK**  
**Asset # : 14277**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$2,800	LIFE	**	5		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Wall/Fence								
Rubble Stone	100%	4+	\$20,200	LIFE	**	5	\$1,000	
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout Wall</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK PERIMETER WALL  
**Address** : SW CORNER OF THE PARK @HAVEN AVE AND WEST END OF 173RD STREET  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.001 / 14464 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,315 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,100			
<b>Total</b>	<b>\$1,100</b>			
Importance Code A	\$1,100			
<b>Total</b>	<b>\$1,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK PERIMETER WALL**  
**Asset # : 14464**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%			LIFE			**
	Concrete							
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence	Masonry:Schist/Gneiss	100%			LIFE		5	\$2,200
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK PERIMETER WALL  
**Address** : ALONG W173 ST FROM ENTRANCE NEAR HAVEN AVE. TO STEPS  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.002 / 14465 **Yr Built/Renovated** :  
**Area Sq Ft** : 930 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$800			
<b>Total</b>	<b>\$800</b>			
Importance Code A	\$800			
<b>Total</b>	<b>\$800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK PERIMETER WALL**  
**Asset # : 14465**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%			LIFE		**		
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Ramdon Locations Throughout</i>						
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE		**	5	\$1,600
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Cracks-Vertical, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Approximately 20 Feet From Park Entrance</i>						
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK PERIMETER WALL  
**Address** : SOUTHEAST END ALONG W173 ST TO FORT WASHINGTON AVE.  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.006 / 14469 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,415 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,200			
<b>Total</b>	<b>\$1,200</b>			
Importance Code A	\$1,200			
<b>Total</b>	<b>\$1,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK PERIMETER WALL**  
**Asset # : 14469**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%			LIFE		**		
			<i>Cracks-Horizontal, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE		**	5	\$2,400
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK RETAINING WALL  
**Address** : WEST SIDE OF HANDBALL COURT @ END OF PINEHURST AVE.  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.003 / 14466 **Yr Built/Renovated** :  
**Area Sq Ft** : 740 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$10,000			
<b>Total</b>	<b>\$10,000</b>			
Importance Code A	\$8,100			
Importance Code B	\$1,900			
<b>Total</b>	<b>\$10,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14466**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%	Now	\$1,900	LIFE	**		
	Concrete							
				<i>Cracks-Horizontal, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Middle Portion Of The Wall</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Random Locations Throughout</i>				
Wall/Fence	Concrete	65%	Now	\$8,000	LIFE	**	5	\$100
				<i>Cracks-Horizontal, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : South Face</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : North Face</i>				
				<i>Cracks-Vertical, Extent : Severe, Area Affected : 15%</i>				
				<i>Location : North Face</i>				
	Concrete	35%			LIFE	**	5	\$100
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK RETAINING WALL  
**Address** : EAST SIDE OF HANDBALL COURT TO FORT WASHINGTON AVE  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.004 / 14467 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,560 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,100			
<b>Total</b>	<b>\$11,100</b>			
Importance Code A	\$3,000			
Importance Code B	\$8,100			
<b>Total</b>	<b>\$11,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14467**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	89%	Now	\$8,100	LIFE			**	
			<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	11%			LIFE			**	
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE		**	5	\$6,100
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : J. HOOD WRIGHT PARK RETAINING WALL  
 Address : AROUND SOUTH SIDE OF PLGD @ W173 ST AND FT WASHINGTON AV ENTRANCE  
 Borough : MANHATTAN Agency's Number : M099  
 Program / Asset # : PAR0241.005 / 14468 Yr Built/Renovated :  
 Area Sq Ft : 1,020 Project Type : PARKS AND RECREATION  
 Date of Survey : 26-Mar-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$17,600			
<b>Total</b>	<b>\$17,600</b>			
Importance Code A	\$15,600			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$17,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**

**Asset # : 14468**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$2,100	LIFE		**		
			<i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 12%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$15,600	LIFE		**	5	\$900
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 12%</i>					
			<i>Location : Random Locations Throughout</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK RETAINING WALL  
**Address** : W173 ST AND FORT WASHINGTON AVE NORTH TO SUBWAY ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.007 / 14470 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,074 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$900			
<b>Total</b>	<b>\$900</b>			
Importance Code A	\$900			
<b>Total</b>	<b>\$900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14470**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%			LIFE		**		
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>						
		<i>Location : 20 Feet From South Of Feet Washington Avenue Entrance</i>						
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Wall/Fence								
Masonry:Granite	100%			LIFE		**	5	\$1,800
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Approximately 75 Feet From South End</i>						
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK RETAINING WALL  
**Address** : WEST END OF 174T ST AND WEST END OF 175ST ALONG FT WASHINGTON AVE  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.008 / 14471 **Yr Built/Renovated** :  
**Area Sq Ft** : 714 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$600			
<b>Total</b>	<b>\$600</b>			
Importance Code A	\$600			
<b>Total</b>	<b>\$600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14471**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%			LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE		**	5	\$1,200
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : J. HOOD WRIGHT PARK RETAINING WALL  
**Address** : W175 ST @FORT WASHINGTON AVE TO NE CORNER OF PARK  
**Borough** : MANHATTAN **Agency's Number** : M099  
**Program / Asset #** : PAR0241.009 / 14472 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,100 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,800			
<b>Total</b>	<b>\$7,800</b>			
Importance Code A	\$6,200			
Importance Code B	\$1,600			
<b>Total</b>	<b>\$7,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14472**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	75%	4+	\$1,600	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Approximately 50 Feet From Northeast Corner</i>					
Concrete	25%			LIFE			**	
Wall/Fence								
Masonry:Schist/Gneiss	40%	Now	\$5,100	LIFE		**	5	\$700
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Schist/Gneiss	60%			LIFE		**	5	\$2,100
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK PERIMETER/RETAINING WALL  
**Address** : NE CORNER FROM W155TH ST ALONG EDGEcombe AVE. TO STAIRS  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.006 / 14473 **Yr Built/Renovated** :  
**Area Sq Ft** : 780 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$26,600			
<b>Total</b>	<b>\$26,600</b>			
Importance Code A	\$23,800			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$26,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
JACKIE ROBINSON PARK PERIMETER/RETAINING WALL**

**Asset # : 14473**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,800	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout The Wall</i> <i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i> <i>Location : 2 To 3 Inch Bulging At The Middle Portion Of The Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	2-4	\$23,800	LIFE	**	5	\$700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Middle Portion Of The Wall (Sidewalk Side)</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Misaligned/Bulging, Extent : Moderate, Area Affected : 13%</i> <i>Location : 3 Inch Bulge At The Middle Portion Of The Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Base								
Masonry:Schist/Gneiss	10%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Exposed Base</i>								
Not Accessible	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.



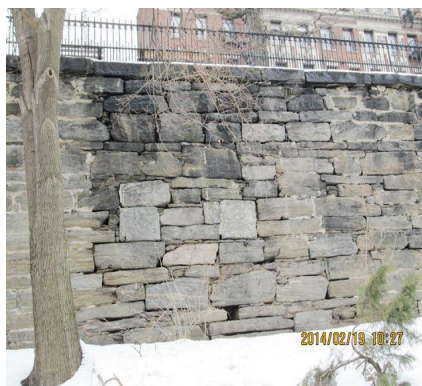
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : JACKIE ROBINSON PARK PERIMETER/RETAINING WALL  
 Address : FORM STAIRS NEAR NW CORNER ALONG EDGEcombe AVETO W149 ST ENTRANCE  
 Borough : MANHATTAN Agency's Number : M014  
 Program / Asset # : PAR0039.007 / 14474 Yr Built/Renovated :  
 Area Sq Ft : 56,725 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Mar-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$311,500	\$43,500
<b>Total</b>	<b>\$311,500</b>	<b>\$43,500</b>
Importance Code A	\$311,500	\$43,500
<b>Total</b>	<b>\$311,500</b>	<b>\$43,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$43,700			
<b>Total</b>	<b>\$43,700</b>			
Importance Code A	\$24,000			
Importance Code B	\$19,700			
<b>Total</b>	<b>\$43,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK PERIMETER/RETAINING WALL**

**Asset # : 14474**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Wall</b>								
<b>Coping</b>								
Masonry:Granite	5%			LIFE	**	5	\$100	
Masonry:Schist/Gneiss	95%	4+	\$19,100	LIFE	**	5	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Misalignment At 35 Feet To 58 Feet And 1270 Feet To 1404 Feet From South End Of The Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout. 8 Inch Tree Trunk At 145 Feet From The South End Of The Wall</i>								
<hr/>								
<b>Wall/Fence</b>								
Metal Fence	9%	4+	\$23,700	LIFE	**	4-8	\$5,100	
<i>Loose Fastenings, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cast Iron Fence</i>								
Metal Fence	1%			LIFE	**	4-8	\$900	
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : 50 Feet At South End</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 50 Feet At South End</i>								
<i>Explanation : Chain Link Fence</i>								
Masonry:Schist/Gneiss	90%	4+	\$311,500	LIFE	**	5	\$43,500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Base</b>								
Masonry:Schist/Gneiss	5%			LIFE	**	5	\$1,300	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exposed Base</i>								
Not Accessible	95%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK PERIMETER/RETAINING WALL  
**Address** : W149TH ST ENTRANCE ALONG EDGEcombe AVE TO W145 ST  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.008 / 14475 **Yr Built/Renovated** :  
**Area Sq Ft** : 13,746 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$419,400	
<b>Total</b>	<b>\$419,400</b>	
Importance Code A	\$419,400	
<b>Total</b>	<b>\$419,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$27,200			
<b>Total</b>	<b>\$27,200</b>			
Importance Code A				
Importance Code B	\$27,200			
<b>Total</b>	<b>\$27,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK PERIMETER/RETAINING WALL**

**Asset # : 14475**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	90%	4+	\$17,500	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout, More Severe Towards North End, Starting At 835 Feet From The South End Of Wall</i> <i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i> <i>Location : 250 Feet, 350 Feet And 500 Feet From The South End Of Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : Random Locations Throughout, More Severe Between Top Of Wall And Coping, Trees At 160 205 350 425 575 850 And 950 To 975 Feet From South End</i> <i>Explanation : Tree Growth 1 Inch To 5 Inch Diameter</i>								
Masonry:Schist/Gneiss	10%	Now	\$9,700	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i> <i>Location : 540 Feet From The South End Of Wall</i> <i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i> <i>Location : At Tree Locations</i> <i>Other Observation, Extent : Light, Area Affected : 25%</i> <i>Location : Trees At 160 205 350 425 575 850 And 950 To 975 Feet From South End</i> <i>Explanation : Tree Growth 1 Inch To 5 Inch Diameter.</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$419,400	LIFE	**	5	\$11,700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : 490 Feet, 500 Feet, 590 Feet From South End, And Small Spots At Various Locations Throughout The Wall</i> <i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i> <i>Location : 20 Foot Long Crack, 660 Feet From The South End Of Wall, And 30 Foot Long Crack, 700 Feet From South End Of Wall</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i> <i>Location : Various Locations Throughout. More Severe Towards North End</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout. Bulging At 475 To 525 Feet From South End.</i> <i>Vegetation Growth, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 40%</i> <i>Location : 420 Feet And 800 Feet From South End Of Wall</i> <i>Explanation : Construction Of Wall Changes At 420 Feet And 800 Feet From South End Of Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK RETAINING WALL  
**Address** : NORTH SIDE OF REC CENTER ALONG BRADHURST AVE TO W 148 ST  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.009 / 14476 **Yr Built/Renovated** : 2009 /  
**Area Sq Ft** : 2,898 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,000			
<b>Total</b>	<b>\$4,000</b>			
Importance Code A	\$4,000			
<b>Total</b>	<b>\$4,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RETAINING WALL**

**Asset # : 14476**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Coping								
	Concrete	100%			LIFE		**	
Wall/Fence								
	Masonry:Brownstone	15%	4+	\$2,700	LIFE	**	5	\$200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout.</i>								
<i>Explanation : Actual Wall Construction Is Clay Brick Masonry. Masonry Brownstone Used In This Report Solely For Unit Costing.</i>								
	Masonry:Brownstone	85%			LIFE	**	5	\$2,700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Actual Wall Construction Is Clay Brick Masonry. Masonry Brownstone Used In This Report Solely For Unit Costing.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK RETAINING WALL  
**Address** : SOUTH SIDE OF BAND SHELL  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.010 / 14477 **Yr Built/Renovated** :  
**Area Sq Ft** : 859 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$100			
<b>Total</b>	<b>\$100</b>			
Importance Code A	\$100			
<b>Total</b>	<b>\$100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RETAINING WALL**

**Asset # : 14477**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	100%			LIFE			**
	Wall/Fence							
	Concrete	100%			LIFE		**	5 \$300
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : West Face Of The Wall</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>				
				<i>Location : West Face Of The Wall</i>				
				<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Waterseeping Through Wall At South End</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>				
				<i>Location : West Face Of The Wall</i>				
				<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>				
				<i>Location : West Face Of The Wall</i>				
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout.</i>				
				<i>Explanation : It Is Assumed That The Brick Is A Veneer Over A Concrete Base.</i>				
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK RETAINING WALL  
**Address** : NORTH SIDE OF BAND SHELL  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.011 / 14478 **Yr Built/Renovated** :  
**Area Sq Ft** : 935 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$200			
<b>Total</b>	<b>\$200</b>			
Importance Code A	\$200			
<b>Total</b>	<b>\$200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RETAINING WALL**

**Asset # : 14478**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	100%			LIFE		**	
	Wall/Fence							
	Concrete	100%			LIFE	**	5	\$300
				<i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i> <i>Location : 15 Feet From North End</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i> <i>Location : West Face Of The Wall</i> <i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i> <i>Location : Brick Fascia At Top Of West Face Of The Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 10%</i> <i>Location : Moss On West Face Of Wall</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout.</i> <i>Explanation : It Is Assumed That The Brick Is A Veneer Over A Concrete Base.</i>				
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK RETAINING WALL  
**Address** : ALONG WEST SIDE OF PLAYGROUND  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.012 / 14479 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,156 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$39,500	
<b>Total</b>	<b>\$39,500</b>	
Importance Code A	\$39,500	
<b>Total</b>	<b>\$39,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,500			
<b>Total</b>	<b>\$6,500</b>			
Importance Code A	\$4,900			
Importance Code B	\$1,600			
<b>Total</b>	<b>\$6,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RETAINING WALL**

**Asset # : 14479**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$1,600	LIFE		**		
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : 56 Feet To 90 Feet From North End Of Wall At East Face And 3 Feet From South End</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : 90 Feet From North End Of Wall At East Face</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Wall/Fence								
Concrete	75%	4+	\$39,500	LIFE		**	5	\$400
			<i>Cracks-Diagonal, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 90 Feet From South End</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Northern Half Of Wall At East Face</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 60 Feet From South End At East Face Of Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Along Entire Wall</i>					
			<i>Explanation : Wall Is Built With Brick And Is Painted</i>					
Metal Fence	25%	4+	\$4,900	LIFE		**	4-8	\$800
			<i>Deteriorated Finish, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout, More Severe At Southern Half Of Wall</i>					
			<i>Impact Damage, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near South End, East Face Of Wall</i>					
Base								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : 8 Percent Of Concrete Base Is Exposed And 2 Percent Cracks</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JACKIE ROBINSON PARK RETAINING WALL  
**Address** : UPLAND OF AND AND PARALLEL TO PLAYGROUND WEST SIDE OF PATH  
**Borough** : MANHATTAN **Agency's Number** : M014  
**Program / Asset #** : PAR0039.013 / 14480 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 03-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$134,200	
<b>Total</b>	<b>\$134,200</b>	
Importance Code A	\$134,200	
<b>Total</b>	<b>\$134,200</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,100			
<b>Total</b>	<b>\$1,100</b>			
Importance Code A				
Importance Code B	\$1,100			
<b>Total</b>	<b>\$1,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK RETAINING WALL**

**Asset # : 14480**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$1,100	LIFE		**		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 150 Feet From South End Of Wall</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Approximately 35 Feet From The South End Of The Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout The Wall</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Coping Stone Is Shifted Up To 3 Inches Outward At Middle Portion Of The Wall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Middle Portion Of The Wall</i>					
Wall/Fence								
Masonry:Brownstone	100%	4+	\$134,200	LIFE		**	5	\$1,200
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i>					
			<i>Location : At Benches Along The Base At The 200 Feet From South End Of The Wall</i>					
			<i>Cracks-Diagonal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout The Wall</i>					
			<i>Cracks-Horizontal, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Top Half Of The Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Less Than 1 Inch Bulge In Top 2 Feet Of Wall Approximately 80 Feet From The North End</i>					
			<i>Cracks-Vertical, Extent : Light, Area Affected : 2%</i>					
			<i>Location : At 15 And 75 Feet From South End And Random Locations Throughout The Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Entire Length Of Wall</i>					
			<i>Explanation : Actual Wall Construction Is Painted Clay Brick Masonry. Masonry Brownstone Wall Type Used Solely For Unit Costing.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JEROME AVE GREENSTREET PARK RETAINING WALL  
**Address** : ALONG PARKVIEW TERRACE E 196 ST TO JEROME AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0249.000 / 14598 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,330 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

**EXPENSE**

Total

Importance Code

Total



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
JEROME AVE GREENSTREET PARK RETAINING WALL**

**Asset # : 14598**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Wall								
Coping								
Under Construction	100%							
Wall/Fence								
Under Construction	100%							
Base								
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.*



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JEROME SLOPE PARK RETAINING WALL  
**Address** : JEROME AVE NORTH END AT E 165 ST  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0250.000 / 14599 **Yr Built/Renovated** :  
**Area Sq Ft** : 523 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,900			
<b>Total</b>	<b>\$2,900</b>			
Importance Code A	\$2,900			
Importance Code B				
<b>Total</b>	<b>\$2,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JEROME SLOPE PARK RETAINING WALL**

**Asset # : 14599**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	60%	4+		LIFE		**	
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
	No Component	40%						
Wall/Fence								
	Concrete	40%			LIFE		**	5
	Metal Fence	40%	4+	\$1,300	LIFE		**	4-8
				<i>Impact Damage, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Explanation : Section Loss</i>				
	Masonry:Schist/Gneiss	20%	4+	\$1,600	LIFE		**	5
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JEROME SLOPE PARK RETAINING WALL  
**Address** : S. SIDE OF ENTRANCE E165 ST AND JEROME AVE TO END  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0250.001 / 14600 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,949 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$9,800			
<b>Total</b>	<b>\$9,800</b>			
Importance Code A	\$7,800			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$9,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JEROME SLOPE PARK RETAINING WALL**

**Asset # : 14600**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%	2-4	\$2,000	LIFE	**		
	Concrete							
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
Wall/Fence	Metal Fence	45%	4+	\$5,400	LIFE	**	4-8	\$900
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
	Masonry:Schist/Gneiss	20%	4+	\$2,400	LIFE	**	5	\$300
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
	Masonry:Schist/Gneiss	35%			LIFE	**	5	\$600
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JEROME SLOPE PARK RETAINING WALL  
**Address** : JEROME AVE BET E164 AND E165 STS SOUTH END OF PARK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0250.003 / 14601 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,248 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

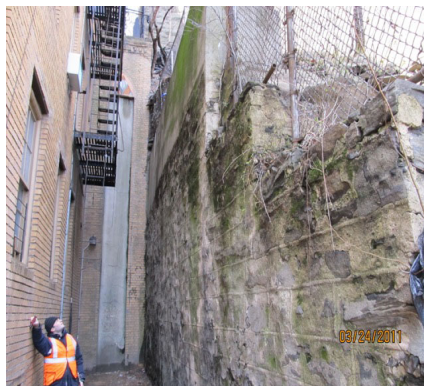
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,100			
<b>Total</b>	<b>\$11,100</b>			
Importance Code A	\$11,100			
<b>Total</b>	<b>\$11,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JEROME SLOPE PARK RETAINING WALL**

**Asset # : 14601**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	15%			LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
No Component	85%							
Wall/Fence								
Concrete	8%			LIFE	**	5		
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Metal Fence	15%	4+	\$3,500	LIFE	**	4-8	\$200	
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At The West End Of The Wall</i>								
<i>Explanation : Bulge On Fence Due To Debris Accumulation</i>								
Masonry:Schist/Gneiss	40%	4+	\$7,600	LIFE	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Not Accessible	37%							
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JEROME SLOPE PARK RETAINING WALL  
**Address** : JEROME AVE BET E164 AND E165 STS UPPER BACK WALL IN PARK  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : PAR0250.004 / 14602 Yr Built/Renovated :  
**Area Sq Ft** : 13,232 Project Type : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$176,800	
<b>Total</b>	<b>\$176,800</b>	
Importance Code A	\$176,800	
<b>Total</b>	<b>\$176,800</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,600			
<b>Total</b>	<b>\$6,600</b>			
Importance Code A	\$3,300			
Importance Code B	\$3,400			
<b>Total</b>	<b>\$6,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JEROME SLOPE PARK RETAINING WALL**

**Asset # : 14602**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping	100%	4+	\$3,400	LIFE	**		
	Concrete							
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Spalling, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>				
				<i>Location : North End Of Stairway Entrance To Playground</i>				
				<i>Cracks-Vertical, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : Scattered At Vertical Joint</i>				
Wall/Fence	Concrete	40%	2-4	\$176,800	LIFE	**	5	\$900
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : At Upper Portion Of Wall And Scattered Throughout</i>				
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : At Edge Fence Support And Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
	Concrete	40%			LIFE	**	5	\$900
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Brick Wall With Concrete Facing</i>				
	Metal Fence	20%	4+	\$3,300	LIFE	**	4-8	\$2,700
				<i>Impact Damage, Extent : Light, Area Affected : 5%</i>				
				<i>Location : South End Of Wall</i>				
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOHN JAY PARK RETAINING/PERIMETER WALL  
**Address** : CHEROKEE PL. AND E 78TH ST. EAST TO FDR DR. , SO. TO BATH HOUSE  
**Borough** : MANHATTAN **Agency's Number** : NM045  
**Program / Asset #** : PAR0044.007 / 14270 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,800			
<b>Total</b>	<b>\$23,800</b>			
Importance Code A	\$21,800			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$23,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK RETAINING/PERIMETER WALL**

**Asset # : 14270**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	90%	4+	\$2,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	10%			LIFE	**			
Wall/Fence								
Metal Fence	35%	2-4	\$3,800	LIFE	**	4-8	\$3,100	2
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Masonry:Schist/Gneiss	29%	4+	\$15,400	LIFE	**	5	\$2,200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	36%			LIFE	**	5	\$5,300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : JOHN JAY PARK RETAINING/PERIMETER WALL  
**Address** : EAST ALONG E76TH ST TO FDR DR NORTH ON FDR DR. TO BATH HOUSE  
**Borough** : MANHATTAN **Agency's Number** : M045  
**Program / Asset #** : PAR0044.008 / 14271 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,060 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

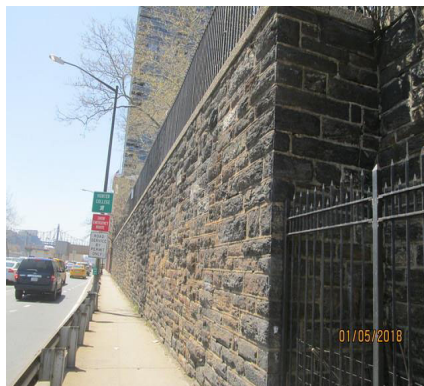
**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$20,000			
<b>Total</b>	<b>\$20,000</b>			
Importance Code A	\$17,400			
Importance Code B	\$2,600			
<b>Total</b>	<b>\$20,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK RETAINING/PERIMETER WALL**

**Asset # : 14271**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	63%	4+	\$2,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	37%			LIFE	**			
Wall/Fence								
Metal Fence	40%			LIFE	**	4-8	\$5,100	
Masonry:Schist/Gneiss	27%	4+	\$13,300	LIFE	**	5	\$1,900	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	33%			LIFE	**	5	\$4,500	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **MACOMBS DAM PARK RETAINING WALL**  
 Address : **JEROME AVE BETWEEN WOODYCREST AND ANDERSON AVES.**  
 Borough : **BRONX** Agency's Number : **N/A**  
 Program / Asset # : **PAR0251.000 / 14603** Yr Built/Renovated :  
 Area Sq Ft : **692** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **11-Apr-2017** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,300			
<b>Total</b>	<b>\$1,300</b>			
Importance Code A				
Importance Code B	\$1,300			
<b>Total</b>	<b>\$1,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MACOMBS DAM PARK RETAINING WALL**  
**Asset # : 14603**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Concrete	100%	4+	\$1,300	LIFE			**	
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE		**	5	\$800
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **MARCUS GARVEY PARK PERIMETER WALL**  
**Address** : **ALONG W120 ST TO ENTRANCE AT 5TH AVE.**  
**Borough** : **MANHATTAN**                      **Agency's Number** : **M058**  
**Program / Asset #** : **PAR0047.009 / 14484**                      **Yr Built/Renovated** :  
**Area Sq Ft** : **2,411**                      **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **20-Mar-2018**                      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$95,600	
<b>Total</b>	<b>\$95,600</b>	
Importance Code A	\$95,600	
<b>Total</b>	<b>\$95,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$10,400			
<b>Total</b>	<b>\$10,400</b>			
Importance Code A	\$7,800			
Importance Code B	\$2,600			
<b>Total</b>	<b>\$10,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK PERIMETER WALL**  
**Asset # : 14484**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,600	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, Starting At 190 Feet And Ending At 240 Feet From East End</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Various Locations Throughout.</i>								
Wall/Fence								
Metal Fence	35%	4+	\$7,800	LIFE	**	4-8	\$800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, 20 Feet From West End Extends 40 Feet To East</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Bent Spikes Ornamentation And Tickers</i>								
Masonry:Schist/Gneiss	65%	4+	\$95,600	LIFE	**	5	\$1,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>								
<i>Location : Misaligned For 50 Feet, Starting At 190 Feet And Ending At 240 Feet, From East End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout.</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY PARK RETAINING WALL  
**Address** : AROUND SOUTHERN LOOKOUT AT 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.010 / 14485 **Yr Built/Renovated** :  
**Area Sq Ft** : 870 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$45,200	
<b>Total</b>	<b>\$45,200</b>	
Importance Code A	\$45,200	
<b>Total</b>	<b>\$45,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,800			
<b>Total</b>	<b>\$4,800</b>			
Importance Code A	\$2,000			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$4,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14485**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	60%	Now	\$2,700	LIFE	**			
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>							
		<i>Location : Random Locations Throughout The Wall</i>							
	Concrete	40%	4+	\$100	LIFE	**			
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 50%</i>							
		<i>Location : Random Locations Throughout</i>							
Wall/Fence									
	Masonry:Granite	15%	4+	\$2,000	LIFE	**	5	\$100	
		<i>Cracks-Horizontal, Extent : Light, Area Affected : 10%</i>							
		<i>Location : In Mortar Joints Throughout</i>							
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>							
		<i>Location : Random Locations Throughout The Wall</i>							
	Masonry:Schist/Gneiss	85%	4+	\$45,200	LIFE	**	5	\$600	
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>							
		<i>Location : Random Locations Throughout The Wall At Top Where Coping Stone Have Been Dislodged</i>							
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>							
		<i>Location : Random Locations Throughout The Wall</i>							
Base									
	Concrete	100%			LIFE	**	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
		<i>Location : South Face</i>							
		<i>Explanation : 50 Foot Exposed Base</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY PARK RETAINING WALL  
**Address** : LOOKOUT OVER SOUTHERN PLGDS EASTERN SIDE OF PATH  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.012 / 14487 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,050 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$8,900			
<b>Total</b>	<b>\$8,900</b>			
Importance Code A	\$2,800			
Importance Code B	\$6,000			
<b>Total</b>	<b>\$8,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14487**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	96%	Now	\$6,000	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 6%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Misaligned Around 2 Inches Near The South End Of The Wall.</i>								
Concrete	4%			LIFE		**		
Wall/Fence								
Metal Fence	10%	4+	\$1,300	LIFE		**	4-8	\$200
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Middle Of Railing</i>								
Masonry:Schist/Gneiss	90%			LIFE		**	5	\$3,100
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY PARK RETAINING WALL  
**Address** : WEST OF LOOKOUT TO SOUTHERN PLGD WESTERN SIDE OF PATH  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.013 / 14488 **Yr Built/Renovated** :  
**Area Sq Ft** : 337 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,700			
<b>Total</b>	<b>\$4,700</b>			
Importance Code A	\$2,700			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$4,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**

**Asset # : 14488**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping Concrete	100%	Now	\$2,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	50%	4+	\$2,600	LIFE	**	5	\$100	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	50%			LIFE	**	5	\$300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY PARK RETAINING WALL  
**Address** : EASTERN APPROACH TO FIRE TOWER WALL ALONG PATH  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.014 / 14489 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,000			
<b>Total</b>	<b>\$3,000</b>			
Importance Code A	\$1,200			
Importance Code B	\$1,800			
<b>Total</b>	<b>\$3,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**

**Asset # : 14489**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	84%	Now	\$1,800	LIFE			**
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Loose Elements, Extent : Light, Area Affected : 1%</i>				
				<i>Location : North End Of The Wall</i>				
	Concrete	16%			LIFE			**
Wall/Fence								
	Masonry:Granite	10%			LIFE		5	\$200
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 100%</i>				
				<i>Location : Random Locations Throughout</i>				
	Masonry:Schist/Gneiss	90%			LIFE		5	\$2,100
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **MARCUS GARVEY PARK RETAINING WALL**  
**Address** : **SOUTHERN WALL OF UPPERMOST LOOKOUT**  
**Borough** : **MANHATTAN**                      **Agency's Number** : **M058**  
**Program / Asset #** : **PAR0047.015 / 14490**                      **Yr Built/Renovated** :  
**Area Sq Ft** : **1,150**                      **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **12-Apr-2018**                      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$32,100			
<b>Total</b>	<b>\$32,100</b>			
Importance Code A	\$27,700			
Importance Code B	\$4,400			
<b>Total</b>	<b>\$32,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14490**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	75%	4+	\$4,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Near East End Portion Of The Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	25%			LIFE	**			
Wall/Fence								
Masonry:Granite	30%	4+	\$2,100	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 7%</i>								
<i>Location : Random Locations Throughout The Wall</i>								
Masonry:Schist/Gneiss	36%	4+	\$25,300	LIFE	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near The West End Of The Wall At South Face</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near East End Of The Wall Due To Settlement</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near East End Of The Wall At South Face</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	34%			LIFE	**	5	\$700	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **MARCUS GARVEY PARK RETAINING WALL**  
**Address** : **EASTERN WALL OF UPPERMOST LOOKOUT AROUND FIRE TOWER**  
**Borough** : **MANHATTAN**                      **Agency's Number** : **M058**  
**Program / Asset #** : **PAR0047.016 / 14491**                      **Yr Built/Renovated** :  
**Area Sq Ft** : **491**                                      **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **12-Apr-2018**                      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$9,800			
<b>Total</b>	<b>\$9,800</b>			
Importance Code A	\$8,300			
Importance Code B	\$1,500			
<b>Total</b>	<b>\$9,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**

**Asset # : 14491**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping Concrete	100%	4+	\$1,500	LIFE		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : 40 Feet From The South End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Granite	5%			LIFE		**	5	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	54%	4+	\$8,100	LIFE		**	5	\$200
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 2 Inch Gap Between Vertical Joints Due To Settlement At South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	41%			LIFE		**	5	\$300
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MARCUS GARVEY PARK RETAINING WALL  
**Address** : NORTH AND WEST WALL AROUND UPPERMOST LOOKOUT  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.017 / 14492 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,694 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$86,800	
<b>Total</b>	<b>\$86,800</b>	
Importance Code A	\$86,800	
<b>Total</b>	<b>\$86,800</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$10,800			
<b>Total</b>	<b>\$10,800</b>			
Importance Code A	\$2,700			
Importance Code B	\$8,000			
<b>Total</b>	<b>\$10,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14492**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	85%	Now	\$2,900	LIFE	**			
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i>							
	Concrete	15%	Now	\$5,100	LIFE	**			
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i> <i>Location : 0 To 5 Feet From The East End, And 0 To 62 Feet From The West End</i>							
Wall/Fence									
	Masonry:Schist/Gneiss	49%	0-2	\$50,000	LIFE	**	5	\$2,800	
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout The Wall</i> <i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout The Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout The Wall, 2 Feet Trunk Near Base Of Wall 80 Feet From The South End</i> <i>Cracks-Vertical, Extent : Moderate, Area Affected : 7%</i> <i>Location : Vertical Cracks Due To Settlement At 150 Feet, 200 Feet, 250 Feet, And 300 Feet From The East End Of Wall At West Face Of Wall</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Along The West Face Of Wall</i> <i>Explanation : Vertical Cracks Along The Mortar Joints Have Approximately 2 Inches Separation.</i>							
	Masonry:Schist/Gneiss	3%	Now	\$36,800	LIFE	**	5	\$200	1
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 70%</i> <i>Location : 0 To 5 Feet From The East End, And 0 To 62 Feet From The West End</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : At East End, And West End</i> <i>Explanation : Top Parapet Portion Of The Partially Collapsed</i>							
	Masonry:Schist/Gneiss	48%			LIFE	**	5	\$5,500	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING  
**Address** : ALONG MORNINGSIDE DR FROM W 110 TO ENTRANCE ACROSS FR. CATHEDRAL  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W01 / 14090 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 9,830 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$114,500	
<b>Total</b>	<b>\$114,500</b>	
Importance Code A	\$114,500	
<b>Total</b>	<b>\$114,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$13,500			
<b>Total</b>	<b>\$13,500</b>			
Importance Code A	\$2,100			
Importance Code B	\$11,400			
<b>Total</b>	<b>\$13,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING**

**Asset # : 14090**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$11,400	LIFE	**	5	\$100
				<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>				
				<i>Location : At Base Of Railing, 260 Feet From North End Of Wall</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
	Wall/Fence							
	Metal Fence	15%			LIFE	**	4-8	\$2,300
				<i>Deteriorated Finish, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random Locations Throughout</i>				
	Masonry:Granite	15%			LIFE	**	5	\$2,500
				<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>				
				<i>Location : Random Locations Throughout</i>				
	Masonry:Schist/Gneiss	70%	4+	\$114,500	LIFE	**	5	\$5,900
				<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracks-Diagonal, Extent : Light, Area Affected : 2%</i>				
				<i>Location : 320 Feet From The North End Of Wall</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Random Locations Throughout, More Severe At East Face Top Portion Of Wall</i>				
	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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING  
**Address** : MORNINGSIDE DR. FR. CATHEDRAL ENTRANCE NORTH TO W 113 ST  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W02 / 14091 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 920 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$28,200			
<b>Total</b>	<b>\$28,200</b>			
Importance Code A	\$25,000			
Importance Code B	\$3,200			
<b>Total</b>	<b>\$28,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING**

**Asset # : 14091**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$3,200	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : South End Of Wall</i>								
Wall/Fence								
Metal Fence	35%	4+	\$1,100	LIFE	**	4-8	\$300	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Impact Damage, Extent : Light, Area Affected : 2%</i>								
<i>Location : 45 Feet From The South End Of Wall</i>								
Masonry:Granite	17%	4+	\$3,000	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	34%	4+	\$20,800	LIFE	**	5	\$300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 50 Feet From The South End At East Face</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	14%			LIFE	**	5	\$200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING  
**Address** : MORNINGSIDE @ W 113TH ENTRANCE NORTH TO W 114 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W03 / 14092 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 1,758 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$58,500	
<b>Total</b>	<b>\$58,500</b>	
Importance Code A	\$58,500	
<b>Total</b>	<b>\$58,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,500			
<b>Total</b>	<b>\$6,500</b>			
Importance Code A	\$4,500			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$6,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING**

**Asset # : 14092**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,000	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	30%	4+	\$1,800	LIFE	**	4-8	\$500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	20%	4+	\$2,700	LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	50%	4+	\$58,500	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pilaster Stone Joints At South End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING  
**Address** : MORNINGSIDE DR AND W114 ST. NORTH TO W116 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W05 / 14094 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 11,308 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Feb-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$39,400			
<b>Total</b>	<b>\$39,400</b>			
Importance Code A	\$32,900			
Importance Code B	\$6,500			
<b>Total</b>	<b>\$39,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING**  
**Asset # : 14094**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$6,500	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Face Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	10%	4+	\$15,300	LIFE	**	4-8	\$1,100	
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	85%			LIFE	**	5	\$16,400	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	5%	4+	\$9,400	LIFE	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : East Face Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Top Of East Face Of Wall At North End</i>								
<i>Explanation : Five Large Tree Trunks, 4 To 12 Inch Diameter</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL STACKED STONE  
**Address** : INSIDE PARK S. SIDE OF STEPS @ W 114TH PARK ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W04 / 14093 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 808 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Feb-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,600			
<b>Total</b>	<b>\$7,600</b>			
Importance Code A	\$6,100			
Importance Code B	\$1,600			
<b>Total</b>	<b>\$7,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL STACKED STONE**  
**Asset # : 14093**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	84%	4+	\$1,600	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Throughout Mortar</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Between Adjacent Stones At Random Locations Throughout The Length Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Entire Length Of Wall</i>								
<i>Explanation : Random Mix Of Granite And Schist/ Gneiss Stones. Stones Are Oriented Vertically. Coping Is 33 Percent Of Wall Area.</i>								
Masonry:Schist/Gneiss	16%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	1%	2-4	\$2,700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 3 Inch Horizontal Deflection, 80 Feet From The West End</i>								
Masonry:Granite	24%			LIFE	**	5	\$300	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Mostly At Eastern Half Of Wall</i>								
Masonry:Schist/Gneiss	1%	2-4	\$2,700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 3 Inch Horizontal 80 Feet From The West End</i>								
Masonry:Schist/Gneiss	74%			LIFE	**	5	\$1,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Mostly At Eastern Half Of Wall</i>								
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.



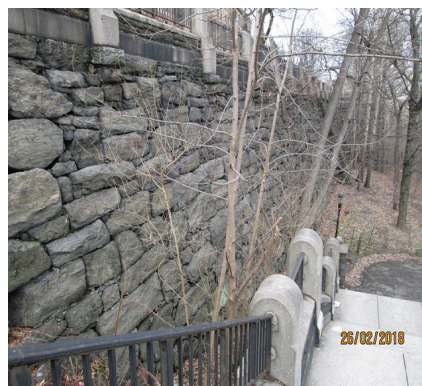
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL STACKED STONE W/ GRANITE COPING  
**Address** : NORTH SIDE W 118 ST ENTRANCE TO W 120 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W07 / 14096 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 16,629 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Feb-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$83,000	
<b>Total</b>	<b>\$83,000</b>	
Importance Code A	\$83,000	
<b>Total</b>	<b>\$83,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$36,700			
<b>Total</b>	<b>\$36,700</b>			
Importance Code A	\$27,100			
Importance Code B	\$9,600			
<b>Total</b>	<b>\$36,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL STACKED STONE W/ GRANITE COPING**  
**Asset # : 14096**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$9,600	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	20%	4+	\$11,200	LIFE	**	4-8	\$3,300	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry:Granite	5%	4+	\$15,900	LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Localized Random Areas On East Face</i>								
Masonry:Schist/Gneiss	75%	2-4	\$83,000	LIFE	**	5	\$10,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On East Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Localized Random Areas Of The Top Two Courses Of Stone On East And West Faces.</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>								
<i>Location : Near 119th Street.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Mostly On East Face Along Upper Portion Of The Wall Full Length</i>								
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : South End</i>								
<i>Explanation : Large Tree Growing At Base Upheaving A 15 Feet Long Section, Bulging An Average Of 3 Inches.</i>								
<i>one Tree Over 6 Inches.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL STACKED STONE W/ GRANITE COPING  
**Address** : W110 ST FROM MORNINGSIDE DRIVE EAST TO MANHATTAN AVE.  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W09 / 14098 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 2,416 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 22-Mar-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$37,000	
<b>Total</b>	<b>\$37,000</b>	
Importance Code A	\$37,000	
<b>Total</b>	<b>\$37,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$16,600			
<b>Total</b>	<b>\$16,600</b>			
Importance Code A	\$12,500			
Importance Code B	\$4,100			
<b>Total</b>	<b>\$16,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL STACKED STONE W/ GRANITE COPING**  
**Asset # : 14098**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	9%	2-4	\$1,000	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	55%	4+	\$3,100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Staining/Scaling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	36%			LIFE	**	5		
Wall/Fence								
Metal Fence	30%			LIFE	**	4-8	\$1,100	
Masonry:Granite	40%	4+	\$37,000	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout, More Severe Towards The West End Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout The Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : West End Of Wall</i>								
<i>Explanation : Settlement Of Granite Masonry</i>								
Masonry:Schist/Gneiss	30%	4+	\$12,100	LIFE	**	5	\$600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near East End Of Wall At West Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL STACKED STONE W/GRANITE COPING  
**Address** : NORTH SIDE W 120 ST ENTRANCE NORTH TO END  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W08 / 14097 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 11,915 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Feb-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$204,100	
<b>Total</b>	<b>\$204,100</b>	
Importance Code A	\$204,100	
<b>Total</b>	<b>\$204,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$17,800			
<b>Total</b>	<b>\$17,800</b>			
Importance Code A	\$4,000			
Importance Code B	\$13,800			
<b>Total</b>	<b>\$17,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL STACKED STONE W/GRANITE COPING**  
**Asset # : 14097**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	100%	4+	\$13,800	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	10%	4+	\$4,000	LIFE	**	4-8	\$1,200	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry:Granite	10%	4+	\$45,600	LIFE	**	5	\$1,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Areas On East Face</i>								
Masonry:Schist/Gneiss	80%	4+	\$158,600	LIFE	**	5	\$8,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Local Areas At Top 2 Courses Of Stones On East And West Faces</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : First 80 Feet Measured From South End</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Face</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Mostly On East Face Along Top And Bottom</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Middle Of Wall</i>								
<i>Explanation : One 3 Inch Diameter Tree</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MORNINGSIDE PARK RETAINING WALL STONE WITH GRANITE COPING  
**Address** : W116 ST ENTRANCE NORTH ALONG MSD TO W 118 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : M056  
**Program / Asset #** : PAR0046.W06 / 14095 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 20,776 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Feb-2018 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$390,500	
<b>Total</b>	<b>\$390,500</b>	
Importance Code A	\$390,500	
<b>Total</b>	<b>\$390,500</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$35,500			
<b>Total</b>	<b>\$35,500</b>			
Importance Code A	\$11,500			
Importance Code B	\$24,000			
<b>Total</b>	<b>\$35,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL STONE WITH GRANITE COPING**  
**Asset # : 14095**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	100%	4+	\$24,000	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Joints Between Coping Stones Throughout The Wall Including End Pilasters At Center Lookout</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Top Of Coping Stones</i>								
Wall/Fence								
Metal Fence	4%	4+	\$11,200	LIFE	**	4-8	\$800	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Metal Fence	1%	4+	\$300	LIFE	**	4-8	\$200	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Middle Of Fence At The Top Of Railing</i>								
<i>Explanation : Bent Railing</i>								
Masonry:Granite	10%	4+	\$79,500	LIFE	**	5	\$1,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations At East Face Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Joints Between Stones At East Face Of Wall</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : South End Of Wall</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>								
<i>Location : North End Of Wall</i>								
Masonry:Schist/Gneiss	5%	4+	\$34,600	LIFE	**	5	\$900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations At East Face Of Wall</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout The West Face Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout The West Face Of Wall</i>								
Masonry:Schist/Gneiss	80%	4+	\$276,500	LIFE	**	5	\$14,200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%</i>								
<i>Location : Throughout East Face Of Wall Near Top Portion</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Face, South Of Center Lookout And Northern End Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout East Face Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Face, Random Locations Near The Northern End Of Wall And Middle Portion</i>								
<i>Explanation : Ten 3 Inch To 8 Inch Tree Trunks</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : MT. PROSPECT PARK RETAINING WALL  
 Address : W. END OF PARK OFF EASTERN PKWY ADJACENT TO REAR OF LIBRARY  
 Borough : BROOKLYN Agency's Number : B 158  
 Program / Asset # : PAR8004.000 / 14962 Yr Built/Renovated :  
 Area Sq Ft : 15,254 Project Type : PARKS AND RECREATION  
 Date of Survey : 11-May-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$76,400	
<b>Total</b>	<b>\$76,400</b>	
Importance Code A	\$76,400	
<b>Total</b>	<b>\$76,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$10,900			
<b>Total</b>	<b>\$10,900</b>			
Importance Code A	\$7,900			
Importance Code B	\$2,900			
<b>Total</b>	<b>\$10,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MT. PROSPECT PARK RETAINING WALL**  
**Asset # : 14962**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
	Coping							
	Concrete	75%	4+	\$2,900	LIFE	**		
				<i>Cracks-Vertical, Extent : Light, Area Affected : 2%</i>				
				<i>Location : Random Locations Throughout</i>				
	Concrete	25%			LIFE	**		
Wall/Fence								
	Concrete	75%	4+	\$76,400	LIFE	**	5	\$1,900
				<i>Spalling, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Cracks-Vertical, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
	Metal Fence	15%	4+	\$7,100	LIFE	**	4-8	\$2,300
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Random Locations Throughout</i>				
				<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>				
				<i>Location : Random Locations Throughout</i>				
	Metal Fence	10%			LIFE	**	4-8	\$2,400
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PETER DETMOLD PARK RETAINING WALL  
**Address** : EAST END OF 51ST STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0243.000 / 14498 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,130 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-May-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

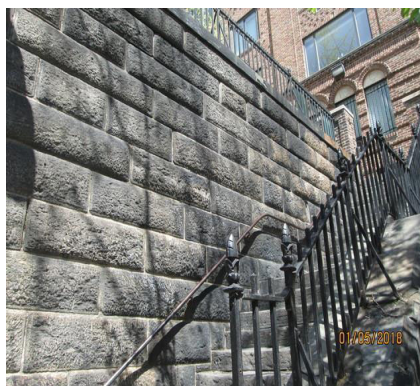
**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,800			
<b>Total</b>	<b>\$11,800</b>			
Importance Code A	\$11,800			
Importance Code B				
<b>Total</b>	<b>\$11,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PETER DETMOLD PARK RETAINING WALL**

**Asset # : 14498**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%			LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout East Face</i>								
Wall/Fence								
Metal Fence	10%			LIFE	**	4-8	\$300	
Masonry:Granite	90%	4+	\$11,700	LIFE	**	5	\$1,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, Vines At South End Of The Wall.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : W 137 TH ST TO W 138TH ST ALONG RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.117 / 14247 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 3,970 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$101,100	
<b>Total</b>	<b>\$101,100</b>	
Importance Code A	\$101,100	
<b>Total</b>	<b>\$101,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$6,200			
<b>Total</b>	<b>\$6,200</b>			
Importance Code A	\$100			
Importance Code B	\$6,100			
<b>Total</b>	<b>\$6,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14247**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	100%	4+	\$6,100	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Seating Area North End Top Face</i>								
Wall/Fence								
Masonry:Granite	15%	4+	\$45,600	LIFE	**	5	\$500	
<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Seating Area East Face North End</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Face</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Face</i>								
Masonry:Granite	84%	4+	\$55,500	LIFE	**	5	\$2,800	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Face</i>								
<i>Explanation : Clay Brick With No Defects</i>								
Steel Grating	1%	4+	\$100	2048	**			
<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
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.

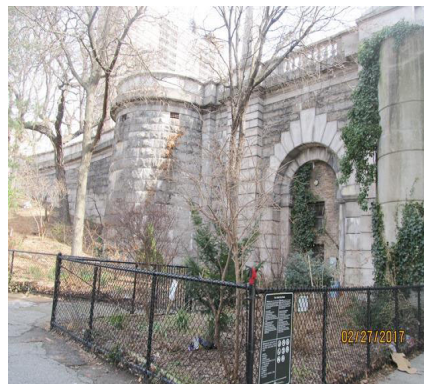
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : W 138TH ST TO W 139TH ST ALONLG RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.118 / 14248 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 4,300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$109,400	
<b>Total</b>	<b>\$109,400</b>	
Importance Code A	\$109,400	
<b>Total</b>	<b>\$109,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$5,100			
<b>Total</b>	<b>\$5,100</b>			
Importance Code A	\$100			
Importance Code B	\$5,000			
<b>Total</b>	<b>\$5,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14248**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$5,000	LIFE	**	5		
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout With Most Severe Cases Between Coping Stone And Wall At South End</i>					
Wall/Fence								
Masonry:Granite	15%	2-4	\$49,400	LIFE	**	5	\$600	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : West Face</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : West Face</i>					
Masonry:Granite	84%	4+	\$60,100	LIFE	**	5	\$3,100	
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : West Face</i>					
			<i>Explanation : Clay Brick With No Defects</i>					
Steel Grating	1%	4+	\$100	2048	**			
			<i>Deteriorated Finish, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : W 139TH ST TO W 143RD ST ALONG RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.119 / 14249 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 40,354 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$848,900	
<b>Total</b>	<b>\$848,900</b>	
Importance Code A	\$802,200	
Importance Code B	\$46,700	
<b>Total</b>	<b>\$848,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14249**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Wall</b>								
<b>Coping</b>								
Masonry:Granite	100%	2-4	\$46,700	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At North End</i>								
<hr/>								
<b>Wall/Fence</b>								
Masonry:Granite	85%	2-4	\$570,600	LIFE	**	5	\$29,300	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Staining/Scaling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Face Throughout</i>								
Masonry:Granite	15%	2-4	\$231,600	LIFE	**	5	\$5,200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North End, South End, 40 Feet From South End And At Midpoints</i>								
<hr/>								
<b>Base</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : W 149 TH ST TO W 152ND ST ALONG RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.122 / 14252 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 20,060 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$180,400	
<b>Total</b>	<b>\$180,400</b>	
Importance Code A	\$180,400	
<b>Total</b>	<b>\$180,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$11,600			
<b>Total</b>	<b>\$11,600</b>			
Importance Code A				
Importance Code B	\$11,600			
<b>Total</b>	<b>\$11,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
RIVERSIDE PARK RETAINING WALL  
Asset # : 14252**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$11,600	LIFE	**	5	\$200	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Granite	47%	Now	\$180,400	LIFE	**	5	\$8,000	
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : West Face</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Scattered Throughout Western Face Of Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout Wall Mostly On Western Face</i>					
			<i>Staining/Scaling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Scattered Throughout Western Face Of Wall</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout Western Face Of Wall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 75%</i>					
			<i>Location : West Face</i>					
			<i>Explanation : 75 Percent Of West Face Inaccessible</i>					
Masonry:Granite	53%			LIFE	**	5	\$9,100	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE BTWN: W.92 ST. - W.95 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.S95 / 215 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 67,200 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$670,700	\$57,300
<b>Total</b>	<b>\$670,700</b>	<b>\$57,300</b>
Importance Code A	\$670,700	\$57,300
<b>Total</b>	<b>\$670,700</b>	<b>\$57,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$10,400			
<b>Total</b>	<b>\$10,400</b>			
Importance Code B	\$10,400			
<b>Total</b>	<b>\$10,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 215**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$10,400	LIFE	**	5	\$700	
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	5%	0-2	\$670,700	LIFE	**	5	\$2,900	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout.</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 80%</i>					
			<i>Location : Park Side Wall</i>					
Masonry:Schist/Gneiss	95%			LIFE	**	5	\$54,400	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE BTWN: W.103 ST. - W.108 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.S97 / 217 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 73,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$1,224,300	\$62,800
<b>Total</b>	<b>\$1,224,300</b>	<b>\$62,800</b>
Importance Code A	\$1,224,300	\$62,800
<b>Total</b>	<b>\$1,224,300</b>	<b>\$62,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$28,400			
<b>Total</b>	<b>\$28,400</b>			
Importance Code B	\$28,400			
<b>Total</b>	<b>\$28,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 217**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	5%	4+	\$28,400	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
Masonry:Granite	95%			LIFE	**	5	\$800	
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$1,224,300	LIFE	**	5	\$62,800	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Park Side Wall</i>					
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE BTWN: W.108 ST. - W.115 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.S98 / 218 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 76,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$1,277,600	\$65,500
<b>Total</b>	<b>\$1,277,600</b>	<b>\$65,500</b>
Importance Code A	\$1,277,600	\$65,500
<b>Total</b>	<b>\$1,277,600</b>	<b>\$65,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$3,000			
<b>Total</b>	<b>\$3,000</b>			
Importance Code B	\$3,000			
<b>Total</b>	<b>\$3,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 218**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	5%	4+	\$3,000	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	95%			LIFE	**	5	\$800	
Wall/Fence								
Masonry:Schist/Gneiss	100%	Now	\$1,277,600	LIFE	**	5	\$65,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Various Areas Between 108th And 109th Streets</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Park Side Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE BTWN: W.116 ST. - W.120 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.S99 / 219 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 73,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$1,224,300	\$62,800
<b>Total</b>	<b>\$1,224,300</b>	<b>\$62,800</b>
Importance Code A	\$1,224,300	\$62,800
<b>Total</b>	<b>\$1,224,300</b>	<b>\$62,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$11,400			
<b>Total</b>	<b>\$11,400</b>			
Importance Code B	\$11,400			
<b>Total</b>	<b>\$11,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 219**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$11,400	LIFE	**	5	\$800	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Between 116th And 119th Streets</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$1,224,300	LIFE	**	5	\$62,800	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Park Side, Stones Below Coping</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Park Side Wall</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE BTWN: W.79 ST. - W.83 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.S93 / 13722 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 58,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$385,900	\$49,500
<b>Total</b>	<b>\$385,900</b>	<b>\$49,500</b>
Importance Code A	\$385,900	\$49,500
<b>Total</b>	<b>\$385,900</b>	<b>\$49,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$8,900			
<b>Total</b>	<b>\$8,900</b>			
Importance Code B	\$8,900			
<b>Total</b>	<b>\$8,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 13722**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Masonry:Granite	100%	4+	\$8,900	LIFE	**	5	\$600
				<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>				
				<i>Location : South End Of Wall</i>				
Wall/Fence	Masonry:Schist/Gneiss	100%	Now	\$385,900	LIFE	**	5	\$49,500
				<i>Broken/Missing Elements, Extent : Severe, Area Affected : 1%</i>				
				<i>Location : Three Failed Areas On Park Side Of Wall</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
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.

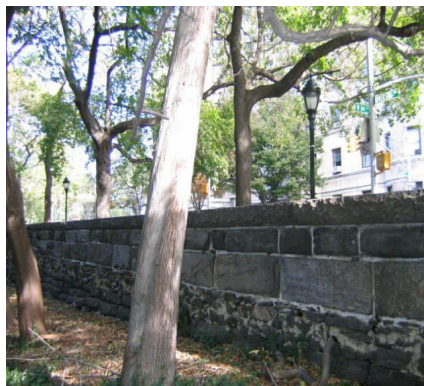
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE BTWN: W.84 ST. - W.87 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.S94 / 13723 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 63,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls		\$53,700
<b>Total</b>		<b>\$53,700</b>
Importance Code A		\$53,700
<b>Total</b>		<b>\$53,700</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls				
<b>Total</b>				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 13723**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%			LIFE	**	5	\$700	
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$53,700	
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Sidewalk Side</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout Park Side</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 1%</i>								
<i>Location : Sidewalk Side</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE W.98 ST ENTRANCE TO W 99 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.096 / 14227 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 2,352 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$39,100	
<b>Total</b>	<b>\$39,100</b>	
Importance Code A	\$39,100	
<b>Total</b>	<b>\$39,100</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,400			
<b>Total</b>	<b>\$1,400</b>			
Importance Code A				
Importance Code B	\$1,400			
<b>Total</b>	<b>\$1,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14227**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$1,400	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Between Coping Stone And Wall</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : South End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Middle Section</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$39,100	LIFE	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Face 20 Feet From South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL  
**Address** : RIVERSIDE DRIVE W115 ST ENTRANCE TO W 116 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.099 / 14229 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 3,010 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$46,100	
<b>Total</b>	<b>\$46,100</b>	
Importance Code A	\$46,100	
<b>Total</b>	<b>\$46,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,700			
<b>Total</b>	<b>\$1,700</b>			
Importance Code A				
Importance Code B	\$1,700			
<b>Total</b>	<b>\$1,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14229**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$1,700	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	92%	4+	\$46,100	LIFE	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Face 50 Feet From South End</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : 120 Feet From North &amp; 65 Feet From South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : 60 Feet From South End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : North And South Ends</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : On West Face 100 Feet From South End</i>								
<i>Explanation : Steel Pipe</i>								
Masonry:Schist/Gneiss	8%			LIFE	**	5	\$200	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK RETAINING WALL  
 Address : ALONG RIVERSIDE DR FROM ENTRANCE @ W 75TH TO W 77TH STREET  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0006.102 / 14232 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 2,445 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Feb-2017 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$36,900			
<b>Total</b>	<b>\$36,900</b>			
Importance Code A	\$35,500			
Importance Code B	\$1,400			
<b>Total</b>	<b>\$36,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14232**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$1,400	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Granite	18%	4+	\$2,900	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry:Limestone	2%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Center Of Wall</i>								
<i>Explanation : Statue At Center Of Wall</i>								
Masonry:Schist/Gneiss	80%	4+	\$32,500	LIFE	**	5	\$1,700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : East Face 50 Feet From South End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Face</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL @SERPENTINE PROMENADE OVERLOOK  
**Address** : WEST SIDE OR THE NORTHERN END OF THE MAIN PATH - ABOUT W 89TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.104 / 14234 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 5,236 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Jan-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$67,900	
<b>Total</b>	<b>\$67,900</b>	
Importance Code A	\$67,900	
<b>Total</b>	<b>\$67,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$27,200			
<b>Total</b>	<b>\$27,200</b>			
Importance Code A	\$21,200			
Importance Code B	\$6,100			
<b>Total</b>	<b>\$27,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL @SERPENTINE PROMENADE OVERLOOK**  
**Asset # : 14234**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	Now	\$6,100	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Concrete	2%			LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Abutment</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Blocking Doors And Windows At The Lower Level</i>								
<i>Explanation : Type Is Actually Concrete Masonry Units</i>								
Metal Fence	20%	0-2	\$21,200	LIFE	**	4-8	\$1,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 1%</i>								
<i>Location : 3rd Arch North</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Masonry:Granite	78%	4+	\$67,900	LIFE	**	5	\$3,500	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Under Arches</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 7 Locations On East Face Of Northern End And 1 On West Face Of Northern End</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : West And North End</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Face Of Wall Arches Face Of Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Top Of West Face Near South End</i>								
<i>Explanation : 2 Inch Bulge</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL ABUTMENT AND PLAZA WEST WALL  
**Address** : W 135TH ST TO W 136TH ST ALONG RIVERSIDE DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.116 / 14246 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 20,790 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 27-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$750,200	
<b>Total</b>	<b>\$750,200</b>	
Importance Code A	\$702,100	
Importance Code B	\$48,100	
<b>Total</b>	<b>\$750,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL ABUTMENT AND PLAZA WEST WALL**  
**Asset # : 14246**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	2-4	\$48,100	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout Length Of Wall</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Granite	10%	2-4	\$79,500	LIFE	**	5	\$1,800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And West Faces</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Parapet West Face</i>								
Masonry:Granite	90%	2-4	\$622,500	LIFE	**	5	\$16,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Broken Balusters At South End</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout On West Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Vertical, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout West Face</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : South End 3rd Pier From Bridge</i>								
<i>Explanation : Pier Is Out Of Plumb</i>								
Base								
Concrete	100%			LIFE	**	5	\$900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : South End At West Side</i>								
<i>Explanation : 2 Percent Of Base Visible With Cracks Visible On It</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL AND STAIRWELL WALL  
**Address** : RIVERSIDE DRIVE W102 ST ENTRANCE TO W 103 ST ENTRANCE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.097 / 14228 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 4,189 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$33,500			
<b>Total</b>	<b>\$33,500</b>			
Importance Code A	\$30,800			
Importance Code B	\$2,600			
<b>Total</b>	<b>\$33,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL AND STAIRWELL WALL**

**Asset # : 14228**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$2,600	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Side</i>								
Wall/Fence								
Masonry:Schist/Gneiss	83%	2-4	\$30,800	LIFE	**	5	\$4,000	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Broken South End East Side And West Middle Section Of Wall</i>								
<i>Cracks-Diagonal, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Side Of Stairs</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Face 5 Feet From South End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : In Middle And North End Of West Side Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Two Trees At North End</i>								
<i>Explanation : 2-Inch Diameter Trees Growing In The Wall</i>								
Masonry:Schist/Gneiss	17%			LIFE	**	5	\$800	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL AROUND WARSAW GHETTO MEMORIAL  
**Address** : WESTERN SIDE OF CIRCLE AND NORTH @ SOUTH END OF MAIN PROMENADE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.103 / 14233 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 5,690 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Jan-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

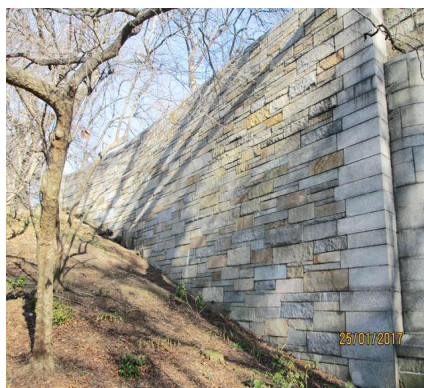
**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$20,700			
<b>Total</b>	<b>\$20,700</b>			
Importance Code A	\$20,700			
Importance Code B				
<b>Total</b>	<b>\$20,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL AROUND WARSAW GHETTO MEMORIAL**  
**Asset # : 14233**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%			LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	9%	2-4	\$20,700	LIFE	**	4-8	\$500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Corrosion On Fence</i>								
Masonry:Granite	91%			LIFE	**	5	\$4,400	
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Arches</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Eastern Face Of Wall - Sidewalk Side Near North End</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southern End</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL AT SAKURA PARK  
**Address** : EASTERN WALL ALONG CLAREMONT AVE AND W 122ND STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.107 / 14237 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 16,096 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$302,600	
<b>Total</b>	<b>\$302,600</b>	
Importance Code A	\$302,600	
<b>Total</b>	<b>\$302,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$3,000			
<b>Total</b>	<b>\$3,000</b>			
Importance Code A	\$1,100			
Importance Code B	\$1,900			
<b>Total</b>	<b>\$3,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL AT SAKURA PARK**

**Asset # : 14237**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Limestone	100%	4+	\$1,900	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Granite	1%	4+	\$1,100	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Limestone	14%	4+	\$75,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 2%</i>								
<i>Location : At Corners Of Wall And South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End</i>								
<i>Explanation : Rust At Old Railing Anchorages</i>								
Masonry:Schist/Gneiss	85%	4+	\$227,600	LIFE	**	5	\$11,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And South End</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Base Of Wall Middle Section</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 80%</i>								
<i>Location : East Face Middle And North Ends</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Buttressed Wall Observed, Not The Garden Wall, And North Stairs Inaccessible</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL AT SAKURA PARK  
**Address** : SOUTHERN WALL ALONG W 122ND ST AND CLAREMONT AVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.108 / 14238 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 2,250 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$37,700			
<b>Total</b>	<b>\$37,700</b>			
Importance Code A	\$37,000			
Importance Code B	\$700			
<b>Total</b>	<b>\$37,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL AT SAKURA PARK**

**Asset # : 14238**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Limestone	100%	4+	\$700	LIFE		**		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Granite	2%	4+	\$300	LIFE		**	5	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry:Limestone	20%	4+	\$7,500	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 1%</i>								
<i>Location : At Corners</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : At Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Side</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	78%	4+	\$29,200	LIFE		**	5	\$1,500
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Middle And Northern Half</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL BY BALL FIELDS TO BASKETBALL CT  
**Address** : WEST SIDE OF MAIN PATHWAY FROM W101 TO ABOUT W112TH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.105 / 14235 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 63,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$1,669,500	
<b>Total</b>	<b>\$1,669,500</b>	
Importance Code A	\$1,596,200	
Importance Code B	\$73,300	
<b>Total</b>	<b>\$1,669,500</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$17,100			
<b>Total</b>	<b>\$17,100</b>			
Importance Code A	\$17,100			
Importance Code B				
<b>Total</b>	<b>\$17,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL BY BALL FIELDS TO BASKETBALL CT**  
**Asset # : 14235**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$73,300	LIFE	**	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Concrete	50%	4+	\$577,400	LIFE	**	5	\$5,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Paint Peeling Throughout West Face</i>								
<i>Soft Jts Deter/Miss, Extent : Light, Area Affected : 1%</i>								
<i>Location : At Various Expansion Joints</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Top Of Wall On West Side, And At 195 Feet From Southend</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout The Western Face Of Wall</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Exposed Reinforcement Bars</i>								
Metal Fence	8%	4+	\$17,100	LIFE	**	4-8	\$5,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Loose Fastenings, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 600 Feet From South End</i>								
Masonry:Granite	42%	4+	\$1,018,800	LIFE	**	5	\$22,700	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Western Face Of Wall Near North End</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Under The Arches And Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Western Face Of Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL CURVED WALL AND STAIRWELL WALL  
**Address** : WEST SIDE RIVERSIDE DR. AT ABOUT TIEMANN PLACE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.109 / 14239 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 1,195 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$37,100	
<b>Total</b>	<b>\$37,100</b>	
Importance Code A	\$37,100	
<b>Total</b>	<b>\$37,100</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$23,500			
<b>Total</b>	<b>\$23,500</b>			
Importance Code A	\$18,300			
Importance Code B	\$5,200			
<b>Total</b>	<b>\$23,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL CURVED WALL AND STAIRWELL WALL**  
**Asset # : 14239**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	100%	2-4	\$5,200	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Broken Edges At Random Loations In Middle Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Masonry:Granite	30%	4+	\$18,300	LIFE	**	5	\$400	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : West Face Painted Surfaces</i>								
Masonry:Schist/Gneiss	70%	4+	\$37,100	LIFE	**	5	\$1,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North End East Face</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North And South Ends</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL CURVED WALL AND STAIRWELL WALL  
**Address** : EAST SIDE RIVERSIDE DR. AT ABOUT TIEMANN PLACE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.110 / 14240 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 607 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$37,700	
<b>Total</b>	<b>\$37,700</b>	
Importance Code A	\$37,700	
<b>Total</b>	<b>\$37,700</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$20,000			
<b>Total</b>	<b>\$20,000</b>			
Importance Code A	\$4,600			
Importance Code B	\$15,300			
<b>Total</b>	<b>\$20,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL CURVED WALL AND STAIRWELL WALL**  
**Asset # : 14240**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	86%	2-4	\$15,300	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Gap Can Be Seen Between Coping Stone And Wall Along Stair</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Masonry:Granite	14%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	30%	4+	\$4,600	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Painted Surface</i>								
Masonry:Schist/Gneiss	70%	4+	\$37,700	LIFE	**	5	\$500	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Painted Surface</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK RETAINING WALL INCLUDING BALUSTRADE AT 99TH ST  
 Address : RIVERSIDE DRIVE BTWN: W.99 ST. - W.102/103 STS.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0006.S96 / 216 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 70,400 Project Type : PARKS AND RECREATION  
 Date of Survey : 21-Nov-2014 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$2,342,200	\$57,000
<b>Total</b>	<b>\$2,342,200</b>	<b>\$57,000</b>
Importance Code A	\$2,342,200	\$57,000
<b>Total</b>	<b>\$2,342,200</b>	<b>\$57,000</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$10,900			
<b>Total</b>	<b>\$10,900</b>			
Importance Code A				
Importance Code B	\$10,900			
<b>Total</b>	<b>\$10,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL INCLUDING BALUSTRADE AT 99TH ST**  
**Asset # : 216**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$10,900	LIFE	**	5	\$800	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Between 101st And 102nd Streets</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Granite	5%	4+	\$117,100	LIFE	**	5	\$3,000	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Near Memorial</i>								
Masonry:Schist/Gneiss	95%	4+	\$2,225,100	LIFE	**	5	\$57,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Various Areas Near 99th Street And Between 101st And 102nd Streets</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Park Side of Wall</i>								
<i>Explanation : Vegetation Growth</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK RETAINING WALL NEAR E. ROOSEVELT MONUMENT  
 Address : ALONG NORTH SIDE W 72 ST TO ABUTMENT OF HH PKWY  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0006.100 / 14230 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 2,765 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Feb-2017 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$276,000	
<b>Total</b>	<b>\$276,000</b>	
Importance Code A	\$276,000	
<b>Total</b>	<b>\$276,000</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$2,800			
<b>Total</b>	<b>\$2,800</b>			
Importance Code A				
Importance Code B	\$2,800			
<b>Total</b>	<b>\$2,800</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL NEAR E. ROOSEVELT MONUMENT**  
**Asset # : 14230**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Granite	30%	4+	\$500	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South East End</i>								
Masonry:Limestone	70%	2-4	\$2,300	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along 72nd Street And Hudson Pkwy</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along Hudson Pkwy</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	Now	\$276,000	LIFE	**	5	\$2,400	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South And North Side Along 72nd Street</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Along 72nd Street And Over Rail Road Tracks</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Side Of Wall At West End</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL NORTH OUTER ROTUNDA WALL  
**Address** : NORTH SIDE OF W 79TH ST ROTUNDA BETWEEN HH PKWY AND SB OFF RAMP  
**Borough** : MANHATTAN **Agency's Number** : 010  
**Program / Asset #** : PAR0006.115 / 14245 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 2,520 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$31,500			
<b>Total</b>	<b>\$31,500</b>			
Importance Code A	\$21,000			
Importance Code B	\$10,500			
<b>Total</b>	<b>\$31,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL NORTH OUTER ROTUNDA WALL**  
**Asset # : 14245**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	90%	4+	\$10,500	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout With Most Severe Cases Between Coping Stone And Wall</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Half Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : North End</i>								
Masonry:Granite	10%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	50%	4+	\$21,000	LIFE	**	5	\$1,100	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : South End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout Both Faces Of Wall</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 1%</i>								
<i>Location : At West Face At Window And Electric Box Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : North End West Face</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Center Of Wall</i>								
<i>Explanation : Arch Opening In The Wall</i>								
Masonry:Granite	50%			LIFE	**	5	\$1,100	
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.

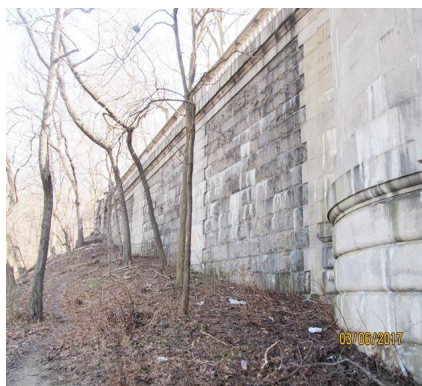
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL NORTH SIDE OF RIVERBANK STATE PK  
**Address** : W 145TH ST MIDWAY TO W 146TH ST ALONG RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.121 / 14251 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 5,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$347,700	
<b>Total</b>	<b>\$347,700</b>	
Importance Code A	\$347,700	
<b>Total</b>	<b>\$347,700</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,800			
<b>Total</b>	<b>\$5,800</b>			
Importance Code A				
Importance Code B	\$5,800			
<b>Total</b>	<b>\$5,800</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL NORTH SIDE OF RIVERBANK STATE PK**  
**Asset # : 14251**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Masonry:Granite	100%	4+	\$5,800	LIFE	**	5	\$100
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Wall/Fence	Masonry:Granite	70%	4+	\$232,900	LIFE	**	5	\$3,000
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Western Face Of Wall</i>						
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : West Face At North End</i>						
		<i>Staining/Scaling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Scattered Throughout The Western Face Of Wall</i>						
	Masonry:Granite	30%	2-4	\$114,800	LIFE	**	5	\$1,300
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Staining/Scaling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Base	Rubble Stone	100%			LIFE	**	5	\$1,000
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : West Side North End</i>						
		<i>Explanation : 5 Percent Of Base Visible</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL PERIMETER WALL  
**Address** : NORTH SIDE OF W 72ND ST ENTRANCE TO W 74 TH ST ALONG RIVERSIDE DR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.101 / 14231 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 869 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$500			
<b>Total</b>	<b>\$500</b>			
Importance Code A				
Importance Code B	\$500			
<b>Total</b>	<b>\$500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL PERIMETER WALL**

**Asset # : 14231**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$500	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Half Of Wall</i>								
<i>Cracks-Vertical, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : 10 Feet From North End</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$700	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Base								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Side Of North End</i>								
<i>Explanation : Base Partially Visible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

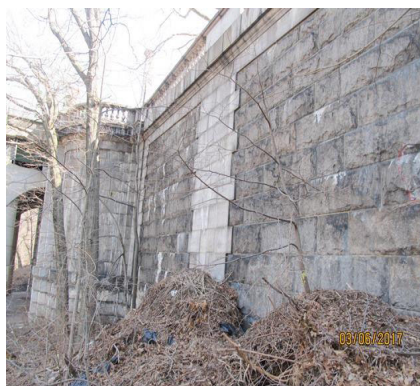
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL SOUTH OF RIVER BANK STATE PARK  
**Address** : W 144TH ST TO W 145TH ST ALONG RIVERSDIE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.120 / 14250 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 5,100 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Mar-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$75,300	
<b>Total</b>	<b>\$75,300</b>	
Importance Code A	\$39,900	
Importance Code B	\$35,400	
<b>Total</b>	<b>\$75,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL SOUTH OF RIVER BANK STATE PARK**  
**Asset # : 14250**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$35,400	LIFE	**	5	\$100	
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>					
			<i>Location : North End</i>					
Wall/Fence								
Masonry:Granite	60%	4+	\$20,400	LIFE	**	5	\$2,600	
			<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Scattered Throughout Western Face Of Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout Western Face Of Wall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Western Face Of Wall</i>					
Masonry:Granite	20%	4+	\$19,500	LIFE	**	5	\$900	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Scattered Throughout West Face Of Wall</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout West Face Of Wall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : West Face Of Wall</i>					
Masonry:Granite	20%			LIFE	**	5	\$900	
Base								
Rubble Stone	100%			LIFE	**	5	\$1,000	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : South End</i>					
			<i>Explanation : 1 Percent Of Base Observed</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL SOUTH OUTER ROTUNDA WALL  
**Address** : SOUTH SIDE OF W 79TH ST ROTUNDA BETWEEN HH PKWY AND SB ON RAMP  
**Borough** : MANHATTAN **Agency's Number** : 010  
**Program / Asset #** : PAR0006.114 / 14244 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 2,580 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$30,700			
<b>Total</b>	<b>\$30,700</b>			
Importance Code A	\$20,600			
Importance Code B	\$10,100			
<b>Total</b>	<b>\$30,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL SOUTH OUTER ROTUNDA WALL**  
**Asset # : 14244**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	85%	4+	\$10,100	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Throughout With Most Severe Cases Between Coping Stone And Wall At East End</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : South And West End</i>					
Masonry:Granite	15%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	48%	4+	\$20,600	LIFE	**	5	\$1,100	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : West Face South End And Adjacent To Arch</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : East And West Faces Throughout</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East And West Faces Throughout And At Window And Electric Box Locations In West Face</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South End</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Center Of Wall</i>					
			<i>Explanation : Arch Opening In The Wall</i>					
Masonry:Granite	52%			LIFE	**	5	\$1,100	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL W 95TH ST EXIT RAMP FROM HHP SB  
**Address** : ALONG EAST SIDE OF ROADWAY WEST OF RUNNING PATH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.106 / 14236 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 8,084 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$131,800	
<b>Total</b>	<b>\$131,800</b>	
Importance Code A	\$131,800	
<b>Total</b>	<b>\$131,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$10,100			
<b>Total</b>	<b>\$10,100</b>			
Importance Code A	\$5,500			
Importance Code B	\$4,700			
<b>Total</b>	<b>\$10,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL W 95TH ST EXIT RAMP FROM HHP SB**  
**Asset # : 14236**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$4,700	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Bottom Of Coping East Face Middle Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Middle And South Portions Of Wall</i>								
Wall/Fence								
Metal Fence	2%	0-2	\$5,500	LIFE	**	4-8	\$200	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Both Sides Of The Gate</i>								
<i>Explanation : Bottom Of Post 90 Percent Section Loss</i>								
Masonry:Schist/Gneiss	98%	4+	\$131,800	LIFE	**	5	\$6,800	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Arch On East Face Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Between 93rd And 94th Street</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 35%</i>								
<i>Location : Middle And South End Of Wall</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : RIVERSIDE PARK RETAINING WALL W. WALL BOAT BASIN ACCESS RAMPS  
 Address : ALONG WEST WALL OF ACCESS RAMPS TO AND FROM BOAT BASIN GARAGE  
 Borough : MANHATTAN Agency's Number : 005  
 Program / Asset # : PAR0006.112 / 14242 Yr Built/Renovated : 1937 /  
 Area Sq Ft : 8,020 Project Type : PARKS AND RECREATION  
 Date of Survey : 14-Feb-2017 Landmark Status : SCENIC LANDMARK  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$77,400	
<b>Total</b>	<b>\$77,400</b>	
Importance Code A	\$77,400	
<b>Total</b>	<b>\$77,400</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,600			
<b>Total</b>	<b>\$4,600</b>			
Importance Code A				
Importance Code B	\$4,600			
<b>Total</b>	<b>\$4,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL W. WALL BOAT BASIN ACCESS RAMPS**  
**Asset # : 14242**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$4,600	LIFE	**	5	\$100	
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>							
	<i>Location : East Face</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Near North End East Face</i>							
Wall/Fence								
Masonry:Granite	58%	4+	\$77,400	LIFE	**	5	\$4,000	
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 1%</i>							
	<i>Location : Eastern Face Of Wall Near South Doorway</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Scattered Throughout The Western Face Of Wall</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout The Western Face Of Wall</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Middle Of Wall</i>							
	<i>Explanation : Openings In The Wall With Terra Cotta Pipes</i>							
Masonry:Granite	42%			LIFE	**	5	\$2,900	
Base								
Concrete	100%			LIFE	**	5	\$300	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : North And South End Of Wall</i>							
	<i>Explanation : 2 Percent Of Base Is Visible With No Defects Observed</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL WEST 116TH LOOKOUT  
**Address** : RETAINING WALL AROUND LOOKOUT MIDWAY B/BALL AND TENNIS COURTS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0006.123 / 14326 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Nov-2014 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL WEST 116TH LOOKOUT**  
**Asset # : 14326**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Masonry:Granite	100%			LIFE	**	5	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Vertical And Horizontal Joints At Random Locations Throughout Wall.</i>								
Wall/Fence	Metal Fence	20%			LIFE	**	4-8	\$900
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Gates Under Arches</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Gates To Storage Area</i>								
	Masonry:Granite	80%			LIFE	**	5	\$2,900
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Under Arches And Random Locations Throughout Wall.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Vertical And Horizontal Joints At Random Locations Throughout Wall.</i>								
<i>Staining/Scaling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Middle Western Face Of Wall.</i>								
Base	Not Accessible	100%						
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Base Of Southern Stairs</i>								
<i>Explanation : Severely Deteriorated Walkway In Front Of Wall. Not Accessible To Public.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL WEST WALL OF OFF RAMP  
**Address** : HH PWKY S/B @ W 79TH OFF RAMP ROTUNDA @ BOAT BASIN  
**Borough** : MANHATTAN **Agency's Number** : 010  
**Program / Asset #** : PAR0006.111 / 14241 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 2,207 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$36,700	
<b>Total</b>	<b>\$36,700</b>	
Importance Code A	\$36,700	
<b>Total</b>	<b>\$36,700</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,300			
<b>Total</b>	<b>\$3,300</b>			
Importance Code A				
Importance Code B	\$3,300			
<b>Total</b>	<b>\$3,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL WEST WALL OF OFF RAMP**  
**Asset # : 14241**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Wall</b>								
<b>Coping</b>								
Masonry:Granite	65%	4+	\$3,300	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South End</i>								
Masonry:Granite	35%			LIFE	**	5		
<b>Wall/Fence</b>								
Masonry:Granite	100%	4+	\$36,700	LIFE	**	5	\$1,900	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : South End</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West And East Faces Near North End</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 40 Feet From North End</i>								
<i>Explanation : 25 Feet Wide Maintenance Entrance In Wall</i>								
<b>Base</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RIVERSIDE PARK RETAINING WALL WEST WALL OF ON RAMP  
**Address** : HH PKWY SB ON RAMP FROM 79TH ST ROTUNDA @ W 79TH ST BOAT BASIN  
**Borough** : MANHATTAN **Agency's Number** : 010  
**Program / Asset #** : PAR0006.113 / 14243 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 2,120 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2017 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$35,300	
<b>Total</b>	<b>\$35,300</b>	
Importance Code A	\$35,300	
<b>Total</b>	<b>\$35,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$5,200			
<b>Total</b>	<b>\$5,200</b>			
Importance Code A				
Importance Code B	\$5,200			
<b>Total</b>	<b>\$5,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK RETAINING WALL WEST WALL OF ON RAMP**  
**Asset # : 14243**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	70%	4+	\$5,200	LIFE	**	5		
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : East Face</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : West Face</i>					
Masonry:Granite	30%			LIFE	**	5		
Wall/Fence								
Masonry:Granite	100%	4+	\$35,300	LIFE	**	5	\$1,800	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 60 Feet From North End</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout The Western Face Of Wall</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : East Face</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 40 Feet From South End</i>					
			<i>Explanation : 25 Feet Wide Maintenance Entrance In Wall</i>					
Base								
Concrete	100%			LIFE	**	5	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South End</i>					
			<i>Explanation : 2 Percent Of Base Is Visible With No Defects Observed</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROGER MORRIS PARK/ JUMEL MANSION PERIMETER WALL  
**Address** : NORTH OF ENTRANCE ALONG JUMEL TERR. AND E. ALONG W162 ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0177.001 / 14493 **Yr Built/Renovated** : 1903 /  
**Area Sq Ft** : 4,805 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,300			
<b>Total</b>	<b>\$3,300</b>			
Importance Code A	\$3,300			
Importance Code B	\$100			
<b>Total</b>	<b>\$3,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROGER MORRIS PARK/ JUMEL MANSION PERIMETER WALL**

**Asset # : 14493**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%			LIFE	**	5	\$100	
<i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Component Is Actually Bluestone.</i>								
Wall/Fence								
Metal Fence	35%			LIFE	**	4-8	\$2,600	
Masonry:Schist/Gneiss	10%			LIFE	**	5	\$800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Rubble Stone	55%			LIFE	**	5	\$3,900	
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ROGER MORRIS PARK/ JUMEL MANSION PERIMETER WALL  
**Address** : SOUTH OF ENTRANCE @JUMEL TERR. AND E. @W160 ST AND EDGEComb AVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0177.002 / 14494 **Yr Built/Renovated** : 1903 /  
**Area Sq Ft** : 5,214 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Apr-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,500			
<b>Total</b>	<b>\$3,500</b>			
Importance Code A	\$3,500			
Importance Code B	\$100			
<b>Total</b>	<b>\$3,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ROGER MORRIS PARK/ JUMEL MANSION PERIMETER WALL**

**Asset # : 14494**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Brownstone	100%			LIFE	**	5	\$100	
<i>Cracks-Horizontal, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : This Component Is Actually Bluestone.</i>								
Wall/Fence								
Metal Fence	35%			LIFE	**	4-8	\$2,900	
Masonry:Brownstone	5%			LIFE	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : This Component Is Actually Bluestone.</i>								
Rubble Stone	60%			LIFE	**	5	\$4,600	
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i> <i>Location : East Side Of Park</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i> <i>Location : East Side Of Park</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : ST JAMES PARK RETAINING WALL  
 Address : E193 ST AND MORRIS AVE SOUTH TO CRESTON AVE  
 Borough : BRONX Agency's Number : X044  
 Program / Asset # : PAR0074.005 / 14604 Yr Built/Renovated :  
 Area Sq Ft : 2,235 Project Type : PARKS AND RECREATION  
 Date of Survey : 11-Apr-2017 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
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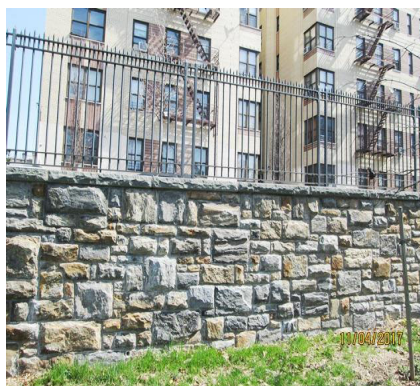
Parks' Walls

Total

Importance Code A

Importance Code B

Total



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK RETAINING WALL**  
**Asset # : 14604**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Component</i>								
<i>Explanation : Blue Stone</i>								
Wall/Fence								
Metal Fence	10%			LIFE	**	4-8	\$300	
Masonry:Schist/Gneiss	90%			LIFE	**	5	\$2,300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST JAMES PARK RETAINING WALL  
**Address** : E193 ST AND CRESTON AVE WEST TO E192 ST  
**Borough** : BRONX **Agency's Number** : X044  
**Program / Asset #** : PAR0074.006 / 14605 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,269 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$3,500			
<b>Total</b>	<b>\$3,500</b>			
Importance Code A	\$3,500			
<b>Total</b>	<b>\$3,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK RETAINING WALL**  
**Asset # : 14605**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Wall/Fence								
	Metal Fence	10%	Now	\$3,500	LIFE	**	4-8	\$600
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Impact Damage, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : 70 Feet From South End</i>								
	Masonry:Schist/Gneiss	90%			LIFE	**	5	\$4,400
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Base Layer Stone</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST JAMES PARK RETAINING WALL  
**Address** : E192 ST AND CRESTON AVE WEST TO E191 ST  
**Borough** : BRONX **Agency's Number** : X044  
**Program / Asset #** : PAR0074.007 / 14606 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,232 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
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Parks' Walls

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.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK RETAINING WALL**  
**Asset # : 14606**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Metal Fence	10%			LIFE	**	4-8	\$400	
		<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Impact Damage, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Masonry:Schist/Gneiss	90%			LIFE	**	5	\$3,300	
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Soft Joints Deteriorating</i>						
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST JAMES PARK RETAINING WALL  
**Address** : CRESTON AVE AND E191 ST ALONG E191 TO REC. CENTER  
**Borough** : BRONX **Agency's Number** : X044  
**Program / Asset #** : PAR0074.008 / 14607 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,714 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
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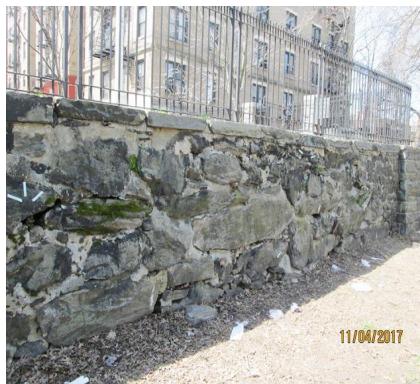
Parks' Walls

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK RETAINING WALL**  
**Asset # : 14607**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Coping</i>								
<i>Explanation : Bluestone</i>								
Wall/Fence								
Metal Fence	10%			LIFE	**	4-8	\$500	
<i>Deteriorated Finish, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	90%			LIFE	**	5	\$3,800	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. NICHOLAS PARK RETAINING WALL NORTHWEST END W OF BALL COURTS  
**Address** : EAST SIDE OF PATH E OF ST NIC TE BETWEEN W139 AND W140 STS  
**Borough** : MANHATTAN **Agency's Number** : M077  
**Program / Asset #** : PAR0162.037 / 14287 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$56,400	
<b>Total</b>	<b>\$56,400</b>	
Importance Code A	\$56,400	
<b>Total</b>	<b>\$56,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$300			
<b>Total</b>	<b>\$300</b>			
Importance Code A	\$300			
<b>Total</b>	<b>\$300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL NORTHWEST END W OF BALL COURTS**  
**Asset # : 14287**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	64%	4+	\$25,100	LIFE	**	5	\$1,200	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 4%                      Location : Random Locations Throughout At East Face Of Wall                      Cracks-Horizontal, Extent : Moderate, Area Affected : 20%                      Location : At Top Of Wall                      Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%                      Location : Random Locations Throughout At East Face Of Wall                      Vegetation Growth, Extent : Moderate, Area Affected : 15%                      Location : Random Locations Throughout At East Face Of Wall                      Other Observation, Extent : Light, Area Affected : 1%                      Location : 170 Feet From North End                      Explanation : One Large 10 Inch Diameter Tree</i>					
Rubble Stone	20%	Now	\$31,300	LIFE	**	5	\$400	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 75%                      Location : 0-30 Feet At South End, East Face Of Wall                      Loose Elements, Extent : Moderate, Area Affected : 50%                      Location : 0-30 Feet At South End, East Face Of Wall                      Misaligned/Bulging, Extent : Moderate, Area Affected : 50%                      Location : 0-30 Feet At South End, East Face Of Wall</i>					
Rubble Stone	16%			LIFE	**	5	\$600	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. NICHOLAS PARK RETAINING WALL WALL #1 - SOUTH-EAST PERIMETER  
**Address** : FROM ST NIC. TER EAST ALONG W128 NORTH ON ST NIC AVE TO @ W129 ST  
**Borough** : MANHATTAN **Agency's Number** : M077  
**Program / Asset #** : PAR0162.031 / 14280 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,300 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$27,400			
<b>Total</b>	<b>\$27,400</b>			
Importance Code A	\$27,400			
<b>Total</b>	<b>\$27,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL WALL #1 - SOUTH-EAST PERIMETER**  
**Asset # : 14280**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Metal Fence	15%			LIFE	**	4-8	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At The Face Of Wall From Corner St. Nicholas Terrace And 128th Street To St. Nicholas, Welded To Adjacent Fence.</i>								
<i>Explanation : Detached Chain-link Fence Post.</i>								
Masonry:Schist/Gneiss	77%	2-4	\$20,200	LIFE	**	5	\$2,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	1%	Now	\$6,600	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Corner Of St. Nicholas Terrace And 128th Street. At 170 Feet And 190 Feet From Corner Of St. Nicholas And 128th Street.</i>								
Masonry:Schist/Gneiss	7%			LIFE	**	5	\$500	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. NICHOLAS PARK RETAINING WALL WALL #2 ALONG ST. NIC. AVE.  
**Address** : NORTH OF W130 TO TOP OF STAIRWAY OPPOSITE 410 ST. NIC. AVE.  
**Borough** : MANHATTAN **Agency's Number** : M077  
**Program / Asset #** : PAR0162.032 / 14281 **Yr Built/Renovated** :  
**Area Sq Ft** : 850 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-Jan-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$13,000			
<b>Total</b>	<b>\$13,000</b>			
Importance Code A	\$13,000			
<b>Total</b>	<b>\$13,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL WALL #2 ALONG ST. NIC. AVE.**

**Asset # : 14281**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	100%	0-2	\$13,000	LIFE	**	5	\$700	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Along St. Nicholas</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. NICHOLAS PARK RETAINING WALL WALL #3 ALONG ST. NIC. AVE.  
**Address** : ALONG STAIRWAY THEN NORTH ON ST. NIC. ABOUT W131 ST.  
**Borough** : MANHATTAN **Agency's Number** : M077  
**Program / Asset #** : PAR0162.033 / 14282 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,900			
<b>Total</b>	<b>\$1,900</b>			
Importance Code A	\$1,900			
<b>Total</b>	<b>\$1,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL WALL #3 ALONG ST. NIC. AVE.**  
**Asset # : 14282**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	20%	4+	\$1,200	LIFE	**	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	80%			LIFE	**	5	\$1,400	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL  
**Address** : ALONG ST NIC TER W135 EXIT TO EXIT MID W134 AND W 133 ST  
**Borough** : MANHATTAN **Agency's Number** : M077  
**Program / Asset #** : PAR0162.039 / 14289 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,100 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Mar-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$69,800	
<b>Total</b>	<b>\$69,800</b>	
Importance Code A	\$69,800	
<b>Total</b>	<b>\$69,800</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$21,400			
<b>Total</b>	<b>\$21,400</b>			
Importance Code A	\$7,100			
Importance Code B	\$14,300			
<b>Total</b>	<b>\$21,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL**  
**Asset # : 14289**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$12,900	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout Primarily Under Coping Stones</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	25%	4+	\$7,100	LIFE	**	4-8	\$1,500	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Complete Section Loss At Base Of Post</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Bent Spindels And Ornamentation</i>								
Masonry:Schist/Gneiss	75%	4+	\$69,800	LIFE	**	5	\$3,900	
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : 6 Locations Including 10 Feet Of Crack, 260 Feet From The South End Of The Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : 70 Feet Long Section Starting From The North Side Of The Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Base								
Masonry:Schist/Gneiss	100%			LIFE	**	5	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End</i>								
<i>Explanation : 1 Percent Of Wall Visible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL  
**Address** : ALONG ST NIC TERR FROM MID W133 W134 SOUTH TO ABOUT W 131 ST  
**Borough** : MANHATTAN **Agency's Number** : M077  
**Program / Asset #** : PAR0162.040 / 14290 **Yr Built/Renovated** :  
**Area Sq Ft** : 14,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 28-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$363,000	
<b>Total</b>	<b>\$363,000</b>	
Importance Code A	\$363,000	
<b>Total</b>	<b>\$363,000</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$22,400			
<b>Total</b>	<b>\$22,400</b>			
Importance Code A	\$10,800			
Importance Code B	\$11,600			
<b>Total</b>	<b>\$22,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL**  
**Asset # : 14290**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Masonry:Schist/Gneiss	5%	2-4	\$1,500	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Up To 6 Inch Misaligned Section, 87 Feet To 120 Feet And 420 Feet To 460 Feet From The North End</i>								
Masonry:Schist/Gneiss	95%	4+	\$9,400	LIFE	**	5	\$100	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout, 8 Inch Roots At The 385 Feet From The South End</i>								
Wall/Fence								
Metal Fence	25%	4+	\$10,800	LIFE	**	4-8	\$3,500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : 11 Feet From South End</i>								
<i>Impact Damage, Extent : Light, Area Affected : 1%</i>								
<i>Location : 128 Feet From South End</i>								
<i>Loose Fastenings, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, More Severe At 305 Feet From South End</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Schist/Gneiss	5%	2-4	\$64,100	LIFE	**	5	\$600	
<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2 Inch Shifted At Crack, West Face Of Wall 270 Feet From North End</i>								
Masonry:Schist/Gneiss	70%	4+	\$299,000	LIFE	**	5	\$8,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks-Diagonal, Extent : Light, Area Affected : 10%</i>								
<i>Location : Approximately 20 Feet To 30 Feet Long Cracks, 174 Feet, 338 Feet, 350 Feet, 526 Feet, 204 Feet, 378 Feet, And 435 Feet From North End</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Base								
Rubble Stone	25%			LIFE	**	5	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 170 Feet To 370 Feet From South End</i>								
<i>Explanation : 200 Feet Of Base Exposed</i>								
Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL NO. END  
 Address : NORTH END ALONG ST NIC TERR FROM W 140TH TO W 135TH ST.  
 Borough : MANHATTAN Agency's Number : M077  
 Program / Asset # : PAR0162.038 / 14288 Yr Built/Renovated :  
 Area Sq Ft : 16,500 Project Type : PARKS AND RECREATION  
 Date of Survey : 09-Mar-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$427,900	
<b>Total</b>	<b>\$427,900</b>	
Importance Code A	\$427,900	
<b>Total</b>	<b>\$427,900</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$36,400			
<b>Total</b>	<b>\$36,400</b>			
Importance Code A	\$30,600			
Importance Code B	\$5,800			
<b>Total</b>	<b>\$36,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL NO. END**  
**Asset # : 14288**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$5,800	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout. Mortar Observed At South End And Less At North End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Tree At 990 Feet From South End</i>								
<i>Explanation : Greater Than 2 Inch Diameter Tree</i>								
Wall/Fence								
Metal Fence	15%	4+	\$30,600	LIFE	**	4-8	\$2,500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Deteriorated Finish, Extent : Light, Area Affected : 20%</i>								
<i>Location : Paint Is Worn Off Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Located 200 Feet From The South End</i>								
Masonry:Schist/Gneiss	85%	4+	\$427,900	LIFE	**	5	\$12,000	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 200 Feet From The South End Of The Wall.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Cracks-Vertical, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS PERIMETER/RETAINING WALL  
**Address** : SOUTH END OF PARK ALONG SEDGWICK AVE FROM ENTRY AND SOUTH MIDWAY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.015 / 14631 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,705 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$30,400			
<b>Total</b>	<b>\$30,400</b>			
Importance Code A	\$26,000			
Importance Code B	\$4,400			
<b>Total</b>	<b>\$30,400</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS PERIMETER/RETAINING WALL**

**Asset # : 14631**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	Now	\$4,400	LIFE	**	5	\$200	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Scattered Throughout.</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	2-4	\$26,000	LIFE	**	5	\$1,500	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Scattered Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS PERIMETER/RETAINING WALL  
**Address** : SOUTH END OF PARK @ SEDGWICK AVE SOUTH OF 14631  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : PAR0252.016 / 14632 Yr Built/Renovated :  
**Area Sq Ft** : 1,060 Project Type : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$31,900			
<b>Total</b>	<b>\$31,900</b>			
Importance Code A	\$31,900			
<b>Total</b>	<b>\$31,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS PERIMETER/RETAINING WALL**

**Asset # : 14632**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	100%	2-4	\$31,900	LIFE	**	5	\$800	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout The Wall.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS PERIMETER/RETAINING WALL  
**Address** : ALONG SEDGWICK AVE BETWEEN SOUTH AND NORTH ENTRANCES  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.017 / 14633 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,915 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$47,200	
<b>Total</b>	<b>\$47,200</b>	
Importance Code A	\$47,200	
<b>Total</b>	<b>\$47,200</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$13,000			
<b>Total</b>	<b>\$13,000</b>			
Importance Code A	\$9,700			
Importance Code B	\$3,400			
<b>Total</b>	<b>\$13,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS PERIMETER/RETAINING WALL**

**Asset # : 14633**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Rubble Stone	100%	4+	\$3,400	LIFE	**	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
Wall/Fence								
Metal Fence	20%	Now	\$9,700	LIFE	**	4-8	\$800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : From The South End To The Middle Portion Of The Wall.</i>								
<i>Explanation : Metal Railing. A Metal Fence Was Installed Between Broken Railing And Sidewalk</i>								
Rubble Stone	80%	2-4	\$47,200	LIFE	**	5	\$2,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout The Wall.</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING / PERIMETER WALL  
**Address** : SOUTHWEST CORNER PERIMETER AT CEDAR AVE AND S. SIDE OF STAIRS  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.000 / 14617 **Yr Built/Renovated** :  
**Area Sq Ft** : 528 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$4,500			
<b>Total</b>	<b>\$4,500</b>			
Importance Code A	\$3,100			
Importance Code B	\$1,500			
<b>Total</b>	<b>\$4,500</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING / PERIMETER WALL**

**Asset # : 14617**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Schist/Gneiss	100%	4+	\$1,500	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	5%			LIFE	**	4-8		
Masonry:Schist/Gneiss	95%	4+	\$3,100	LIFE	**	5	\$400	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : At The South End Of The Wall</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING / PERIMETER WALL  
**Address** : SW WALL @ CEDAR AVE FROM S ENTRY NORTH TO MIDDLE ENTRY TO PARK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.001 / 14618 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,928 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$42,300	
<b>Total</b>	<b>\$42,300</b>	
Importance Code A	\$42,300	
<b>Total</b>	<b>\$42,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,700			
<b>Total</b>	<b>\$1,700</b>			
Importance Code A				
Importance Code B	\$1,700			
<b>Total</b>	<b>\$1,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING / PERIMETER WALL**

**Asset # : 14618**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	70%	4+	\$1,700	LIFE	**	5	\$100	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>					
			<i>Location : 65 Feet From The North End Of The Wall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Masonry:Granite	30%			LIFE	**	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$42,300	LIFE	**	5	\$5,900	
			<i>Efflorescence, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING / PERIMETER WALL  
**Address** : WESTERN WALL ON CEDAR AVE BETWEEN MIDWAY ENTRIES  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.003 / 14619 **Yr Built/Renovated** :  
**Area Sq Ft** : 851 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$7,000			
<b>Total</b>	<b>\$7,000</b>			
Importance Code A	\$5,200			
Importance Code B	\$1,800			
<b>Total</b>	<b>\$7,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING / PERIMETER WALL**

**Asset # : 14619**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	100%	4+	\$1,800	LIFE	**	5		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : At The South Of The Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$5,200	LIFE	**	5	\$700	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING / PERIMETER WALL  
**Address** : WEST WALL NORTH OF MIDWAY ENTRY ON CEDAR AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.004 / 14620 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,556 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$10,600			
<b>Total</b>	<b>\$10,600</b>			
Importance Code A	\$9,500			
Importance Code B	\$1,100			
<b>Total</b>	<b>\$10,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING / PERIMETER WALL**

**Asset # : 14620**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Masonry:Granite	95%	4+	\$1,000	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry:Granite	5%	4+		LIFE	**	5		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$9,500	LIFE	**	5	\$1,300	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING / PERIMETER WALL  
**Address** : WEST WALL ON CEDAR AVE SOUTH OF NORTHERN ENTRY STEPS  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.005 / 14621 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,600 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$24,100			
<b>Total</b>	<b>\$24,100</b>			
Importance Code A	\$24,100			
<b>Total</b>	<b>\$24,100</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING / PERIMETER WALL**

**Asset # : 14621**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Wall/Fence								
Rubble Stone	50%	4+	\$24,100	LIFE	**	5	\$600	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Loose Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Rubble Stone	50%			LIFE	**	5	\$600	
			<i>Recent Replace Evident, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : At The North End Of The Wall</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : NORTH SIDE OF NORTHERN STEPS FROM CEDAR AVE TO LANDING  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.006 / 14622 **Yr Built/Renovated** :  
**Area Sq Ft** : 525 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$900			
<b>Total</b>	<b>\$900</b>			
Importance Code A				
Importance Code B	\$900			
<b>Total</b>	<b>\$900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14622**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	4+	\$900	LIFE	**	5	\$100	
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Rubble Stone	100%			LIFE	**	5	\$400	
			<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : SOUTH SIDE OF NORTHERN STEPS FROM CEDAR AVE TO LANDING  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.007 / 14623 **Yr Built/Renovated** :  
**Area Sq Ft** : 495 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$900			
<b>Total</b>	<b>\$900</b>			
Importance Code A				
Importance Code B	\$900			
<b>Total</b>	<b>\$900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14623**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
Coping								
Rubble Stone	100%	4+	\$900	LIFE	**	5	\$100	
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout.</i>					
			<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout.</i>					
Wall/Fence								
Rubble Stone	100%			LIFE	**	5	\$400	
			<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : NORTH SIDE OF NORTHERN PATH FROM SEDGWICK AVE/ HALL OF FAME TERR  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.008 / 14624 **Yr Built/Renovated** :  
**Area Sq Ft** : 610 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,900			
<b>Total</b>	<b>\$1,900</b>			
Importance Code A	\$1,800			
Importance Code B				
<b>Total</b>	<b>\$1,900</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14624**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Rubble Stone	20%	4+		LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	80%			LIFE	**	5		
Wall/Fence								
Rubble Stone	20%	4+	\$1,800	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	80%			LIFE	**	5	\$400	
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : SOUTH SIDE OF NORTHERN PATH FROM SEDGWICK AVE/ HALL OF FAME TERR  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.009 / 14625 **Yr Built/Renovated** :  
**Area Sq Ft** : 526 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$1,200			
<b>Total</b>	<b>\$1,200</b>			
Importance Code A	\$1,200			
Importance Code B				
<b>Total</b>	<b>\$1,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING WALL**  
**Asset # : 14625**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Rubble Stone	10%	4+		LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	90%			LIFE	**	5		
Wall/Fence								
Rubble Stone	15%	4+	\$1,200	LIFE	**	5	\$100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : At The Middle Of The Wall.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout.</i>								
Rubble Stone	85%			LIFE	**	5	\$300	
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : WEST OF PERIMETER WALL SEDGWICK AND HALL OF FAME TER. S OF ENTRY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.010 / 14626 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,360 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,000			
<b>Total</b>	<b>\$1,000</b>			
Importance Code A	\$1,000			
<b>Total</b>	<b>\$1,000</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14626**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall								
Wall/Fence								
	Rubble Stone	95%			LIFE	**	5	\$900
<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout.</i>								
	Rubble Stone	5%	4+	\$1,000	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout.</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : CURVED WALL S OF 14626 / WEST OF NORTH PERIMETER WALL @ SEDGWICK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.011 / 14627 **Yr Built/Renovated** :  
**Area Sq Ft** : 335 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$39,300	
<b>Total</b>	<b>\$39,300</b>	
Importance Code A	\$39,300	
<b>Total</b>	<b>\$39,300</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14627**

<b>Retaining Walls</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Wall									
	Wall/Fence								
	Rubble Stone	70%	2-4	\$21,200	LIFE	**	5	\$200	
				<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
				<i>Location : Random Locations Throughout.</i>					
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>					
				<i>Location : Random Locations Throughout.</i>					
				<i>Loose Elements, Extent : Light, Area Affected : 10%</i>					
				<i>Location : Random Locations Throughout.</i>					
	Rubble Stone	30%	0-2	\$18,100	LIFE	**	5	\$100	1
				<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>					
				<i>Location : Random Locations Throughout.</i>					
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : EAST OF 14619 S SIDE OF PATH FROM ENTRY MID PARK @ CEDAR AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.012 / 14628 **Yr Built/Renovated** :  
**Area Sq Ft** : 735 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**  
 Importance Code  
**Total**

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$25,300			
<b>Total</b>	<b>\$25,300</b>			
Importance Code A	\$22,100			
Importance Code B	\$3,200			
<b>Total</b>	<b>\$25,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14628**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Rubble Stone	100%	2-4	\$3,200	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Wall/Fence	Rubble Stone	100%	Now	\$22,100	LIFE	**	5	\$500
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
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.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : E. OF N. END OF 14618 S SIDE OF PATH FROM CEDAR AVE MID ENTRY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0252.013 / 14629 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,380 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Walls	\$41,600	
<b>Total</b>	<b>\$41,600</b>	
Importance Code A	\$41,600	
<b>Total</b>	<b>\$41,600</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Walls	\$1,200			
<b>Total</b>	<b>\$1,200</b>			
Importance Code A				
Importance Code B	\$1,200			
<b>Total</b>	<b>\$1,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14629**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Rubble Stone	100%	Now	\$1,200	LIFE	**	5	\$100
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Scattered Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
Wall/Fence	Rubble Stone	100%	2-4	\$41,600	LIFE	**	5	\$1,000
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
<i>Loose Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At North End</i>								
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.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : UNIVERSITY WOODS RETAINING WALL  
**Address** : SOUTH ENTRY @ SEDGWICK AVE INTO PARK AND NORTH ALONG PATH  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : PAR0252.014 / 14630 Yr Built/Renovated :  
**Area Sq Ft** : 3,307 Project Type : PARKS AND RECREATION  
**Date of Survey** : 11-Dec-2014 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Parks' Walls	\$99,600	
<b>Total</b>	<b>\$99,600</b>	
Importance Code A	\$99,600	
<b>Total</b>	<b>\$99,600</b>	

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Parks' Walls	\$14,200			
<b>Total</b>	<b>\$14,200</b>			
Importance Code A				
Importance Code B	\$14,200			
<b>Total</b>	<b>\$14,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
UNIVERSITY WOODS RETAINING WALL**

**Asset # : 14630**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wall	Coping							
	Rubble Stone	100%	Now	\$14,200	LIFE	**	5	\$300
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Wall/Fence	Rubble Stone	100%	Now	\$99,600	LIFE	**	5	\$2,400
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Near Top Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 1%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
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.

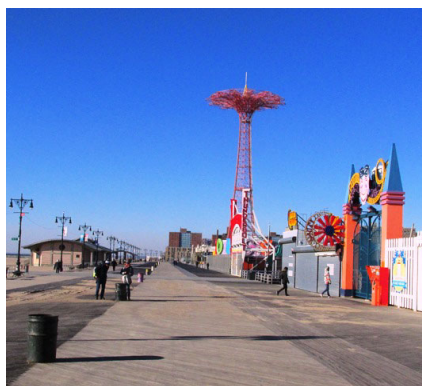
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK RIEGELMANN BOARDWALK  
**Address** : W. 37TH ST. TO BRIGHTON 15 ST. SEA GATE TO BRIGHTON BEACH  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0111.F98 / 606 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,034,294 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Dec-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Boardwalks	\$8,228,700	\$12,401,800
<b>Total</b>	<b>\$8,228,700</b>	<b>\$12,401,800</b>
Importance Code A	\$6,906,700	\$12,401,800
Importance Code B	\$183,700	
Importance Code C	\$1,138,300	
<b>Total</b>	<b>\$8,228,700</b>	<b>\$12,401,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Boardwalks	\$13,600			
<b>Total</b>	<b>\$13,600</b>			
Importance Code A	\$13,600			
<b>Total</b>	<b>\$13,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK RIEGELMANN BOARDWALK**  
**Asset # : 606**

Boardwalks		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								
	Concrete	7%			LIFE	**	5	\$11,600
	Paver: Asphalt	1%	4+	\$7,800	LIFE	**	5	\$1,900
<i>Broken Paver Block, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout And Near 27th Street</i>								
	Timber	89%	4+	\$560,800	2042	**	5	\$880,500
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
	Timber	3%	2-4	\$472,600	2042	**	5	\$29,700
<i>Broken Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Dry Rot, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 24th-26th Streets And Various Other Areas</i>								
<i>Explanation : Uneven Surface</i>								
Railing								
	Chain Link Fence	3%			2042	**		
	Aluminum	97%	4+	\$183,700	2049	**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken/ Missing Elements</i>								
Substructure								
Beams								
	Timber	10%			2042	**	5	\$2,166,600
	Timber	90%	4+	\$1,958,700	2042	**	5	\$9,749,800
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
	Concrete	50%			LIFE	**	5	\$210,400
	Concrete	20%	4+	\$1,254,200	LIFE	**	5	\$42,100
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
	Timber	30%	4+	\$217,700	2042	**	5	\$300,800
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 8%</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.

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK RIEGELMANN BOARDWALK**  
**Asset # : 606**

Boardwalks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Substructure								
Girders								
Concrete	100%	4+	\$1,254,200	LIFE	**	5	\$210,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Cantilevered Ends</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exposed/ Rusting Reinforcing</i>								
Underside Enclosure								
Chain Link Fence	100%	4+	\$1,138,300	2042	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vandalism, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FDR BOARDWALK AND BEACH BOARDWALK  
**Address** : FT WADSWORTH TO MILLER FIELD OCEAN AVE. TO GREELEY AVE.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0089.F99 / 613 **Yr Built/Renovated** : 1938 / 2013  
**Area Sq Ft** : 283,921 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 20-Dec-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Boardwalks	\$3,470,200	\$3,656,600
<b>Total</b>	<b>\$3,470,200</b>	<b>\$3,656,600</b>
Importance Code A	\$3,409,200	\$3,595,100
Importance Code B	\$61,000	\$61,600
<b>Total</b>	<b>\$3,470,200</b>	<b>\$3,656,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Boardwalks	\$68,400			
<b>Total</b>	<b>\$68,400</b>			
Importance Code A	\$55,400			
Importance Code B	\$12,900			
<b>Total</b>	<b>\$68,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH BOARDWALK**  
**Asset # : 613**

Boardwalks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck								
Paver: Asphalt	3%			LIFE	**	5	\$3,100	
<i>Broken Paver Block, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : South End</i>								
<i>Explanation : Vegetation Growth And Settlement</i>								
Timber	1%	Now	\$8,600	2034	**	5	\$2,700	
<i>Loose Fastenings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout At Center Interface</i>								
<i>Explanation : Loose Boards Create Potential Tripping Hazard</i>								
Timber	96%			2042	**	5	\$521,400	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Steel Gazebos Slightly Rusted</i>								
Railing								
Steel	1%	Now	\$5,300	LIFE	**	4-8	\$800	
<i>Corroded, Extent : Severe, Area Affected : 20%</i>								
<i>Location : End Of Pier</i>								
Steel	99%			LIFE	**	4-8	\$144,800	
<i>Corroded, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Substructure								
Beams								
Concrete	5%			LIFE	**	5	\$39,100	
Timber	95%			2042	**	5	\$5,650,100	
Piers								
Concrete	5%			LIFE	**	5	\$5,800	
Timber	90%			2042	**	5	\$495,500	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracked And Rotted Wood</i>								
Timber	5%	2-4	\$19,900	2042	**	5	\$13,800	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Pier</i>								
<i>Explanation : Steel Corroded</i>								
Girders								
Concrete	5%			LIFE	**	5	\$5,800	
Timber	95%	4+	\$75,700	2042	**	5	\$261,500	
<i>Dry Rot, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Cantilevered Ends</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH BOARDWALK**  
**Asset # : 613**

<b>Boardwalks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Substructure									
	Underside Enclosure								
	Chain Link Fence	5%			2042		* *		
				<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>					
				<i>Location : Random Locations Throughout</i>					
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Fence Seems Abandoned As It Does Not Fully Enclose Any Areas</i>					
	No Component	95%							
Guide Railing									
	Steel	48%			LIFE		* *	2-8	
				<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
				<i>Location : Random Locations Throughout</i>					
				<i>Explanation : Impact Damage</i>					
	No Component	52%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **ROCKAWAY BEACH AND BOARDWALK**  
 Address : **OCEAN PROMENADE BEACH 110 TO BEACH 126 STREET**  
 Borough : **QUEENS** Agency's Number : **N/A**  
 Program / Asset # : **PAR0031.F91 / 262** Yr Built/Renovated :  
 Area Sq Ft : **144,000** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **29-Jun-2015** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Boardwalks	\$3,698,100	\$287,200
<b>Total</b>	<b>\$3,698,100</b>	<b>\$287,200</b>
Importance Code A	\$3,478,800	\$287,200
Importance Code C	\$219,300	
<b>Total</b>	<b>\$3,698,100</b>	<b>\$287,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Boardwalks	\$56,700			
<b>Total</b>	<b>\$56,700</b>			
Importance Code A	\$30,300			
Importance Code B	\$26,400			
Importance Code C				
<b>Total</b>	<b>\$56,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK**  
**Asset # : 262**

Boardwalks		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								
	Paver: Asphalt	1%			LIFE	**	5	\$300
	Timber	99%	Now	\$2,605,700	2039	**	5	\$136,400
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Explanation : Work In Progress</i>								
Railing								
	Aluminum	100%	Now	\$26,400	2046	**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various</i>								
<i>Loose Connection, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
Substructure								
Beams								
	Timber	10%	Now	\$30,300	2031	**	5	\$150,800
<i>Dry Rot, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Various</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
	Not Accessible	90%						
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Buried in Sand</i>								
Piers								
	Not Accessible	100%						
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Buried in Sand</i>								
Girders								
	Concrete	100%	Now	\$873,100	LIFE	**	5	\$29,300
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Exposed Ends Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
Underside Enclosure								
	Timber	5%	Now	\$219,300	2046	**	5	\$6,900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
	No Component	95%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
ROCKAWAY BEACH AND BOARDWALK  
Asset # : 262**

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : **ROCKAWAY BEACH AND BOARDWALK**  
 Address : **SHORE FRONT PKWY AND BEACH BEACH 19 TO BEACH 110 STREET**  
 Borough : **QUEENS** Agency's Number : **N/A**  
 Program / Asset # : **PAR0031.F92 / 263** Yr Built/Renovated :  
 Area Sq Ft : **1,037,700** Project Type : **PARKS AND RECREATION**  
 Date of Survey : **30-Jun-2015** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Parks' Boardwalks	\$37,705,600	\$7,981,100
<b>Total</b>	<b>\$37,705,600</b>	<b>\$7,981,100</b>
Importance Code A	\$36,585,000	\$7,881,900
Importance Code B	\$438,700	
Importance Code C	\$681,900	\$99,300
<b>Total</b>	<b>\$37,705,600</b>	<b>\$7,981,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Parks' Boardwalks	\$48,500			
<b>Total</b>	<b>\$48,500</b>			
Importance Code A	\$23,400			
Importance Code B				
Importance Code C	\$25,200			
<b>Total</b>	<b>\$48,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK**  
**Asset # : 263**

Boardwalks		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure	Deck								
	Concrete	1%			LIFE	**	5	\$800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Work In Progress</i>							
	Paver: Asphalt	3%	Now	\$23,400	LIFE	**	5	\$5,600	
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>							
		<i>Location : Throughout</i>							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Work In Progress</i>							
	Panel/Paver: Concrete	1%			2036	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Work In Progress</i>							
	Timber	60%	Now	\$18,967,000	2046	**	5	\$595,600	1
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>							
		<i>Location : Throughout</i>							
		<i>Dry Rot, Extent : Severe, Area Affected : 50%</i>							
		<i>Location : Throughout</i>							
		<i>Loose Fastenings, Extent : Severe, Area Affected : 20%</i>							
		<i>Location : Throughout, Especially From Beach 20-60 - Tripping Hazard</i>							
		<i>Misaligned/Bulging, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Center Of Boardwalk Where Ends Of Boards Meet - Tripping Hazard</i>							
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Work In Progress</i>							
	Under Construction	35%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
		<i>Location : Beach 20-28, 44-59, 73-81</i>							
		<i>Explanation : Reconstruction In Progress</i>							
Railing	Aluminum	90%	Now	\$342,000	2046	**			
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>							
		<i>Location : Throughout</i>							
		<i>Loose Connection, Extent : Moderate, Area Affected : 20%</i>							
		<i>Location : Throughout</i>							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Work In Progress</i>							
	Steel	10%	Now	\$96,700	LIFE	**	4-8	\$28,100	
		<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
		<i>Location : Throughout</i>							
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
		<i>Explanation : Work In Progress</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK**  
**Asset # : 263**

Boardwalks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Substructure								
Beams								
Timber	45%	Now	\$982,600	2031	**	5	\$4,890,900	
<i>Dry Rot, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
Timber	20%	Now	\$4,366,900	2046	**	5	\$2,173,800	1
<i>Dry Rot, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Various, But Especially Beach 28-44</i>								
<i>Split/Dry/Cracked, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
Under Construction	35%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Beach 20-28, 44-59, 73-81</i>								
<i>Explanation : Reconstruction In Progress</i>								
Piers								
Concrete	5%	Now	\$3,145,800	LIFE	**	5	\$10,600	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Various - Especially Beach 28-38</i>								
Concrete	35%	Now	\$2,202,000	LIFE	**	5	\$73,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
Not Accessible	60%							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete And Timber Piers Mostly Buried In Sand</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK**  
**Asset # : 263**

Boardwalks		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Substructure								
Girders								
	Concrete	60%	Now	\$3,774,900	LIFE	**	5	\$126,600
		<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Cantelevered Ends Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Work In Progress</i>						
	Concrete	5%	Now	\$3,145,800	LIFE	**	5	\$10,600
		<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Various - Especially Beach 28-38</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Work In Progress</i>						
	Under Construction	35%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Beach 20-28, 44-59, 73-81</i>						
		<i>Explanation : Reconstruction In Progress</i>						
Underside Enclosure								
	Chain Link Fence	2%			2039	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Throughout</i>						
	Poured in Place Concrete	2%	4+	\$25,200	LIFE	**	5	\$4,200
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Work In Progress</i>						
	Timber	5%	Now	\$632,200	2039	**	5	\$49,600
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Severely Weathered</i>						
	Timber	5%			2046	**	5	\$99,300
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Beach 95-103</i>						
		<i>Explanation : Recent Replacement</i>						
	No Component	86%						

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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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : 1929 BOATHOUSE KAYAK AND CANOE LAUNCH  
**Address** : NORTH SIDE INWOOD HILL PARK W 218TH ST AND INDIAN ROAD  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.045 / 14760 **Yr Built/Renovated** : 2013 /  
**Area Sq Ft** : 6,290 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2255 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$46,800	\$410,200
<b>Total</b>	<b>\$46,800</b>	<b>\$410,200</b>
Importance Code A	\$46,800	\$410,200
<b>Total</b>	<b>\$46,800</b>	<b>\$410,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$57,400	\$16,300	\$24,700	\$35,000
<b>Total</b>	<b>\$57,400</b>	<b>\$16,300</b>	<b>\$24,700</b>	<b>\$35,000</b>
Importance Code A	\$40,700	\$8,700	\$21,900	\$34,000
Importance Code B	\$15,400	\$2,700	\$2,400	\$100
Importance Code C	\$1,300	\$4,900	\$300	\$1,000
<b>Total</b>	<b>\$57,400</b>	<b>\$16,300</b>	<b>\$24,700</b>	<b>\$35,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**1929 BOATHOUSE KAYAK AND CANOE LAUNCH**

**Asset # : 14760**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2025	\$285,100	5	\$8,300	
Gangways								
Aluminum	100%			2052	**	1-3	\$7,300	
Pile Caps								
Timber	100%			2052	**	4	\$8,100	
Piles and Bracing								
Timber	100%			2052	**	4-5	\$40,900	
Floating Docks								
Anchor Piles								
Steel	35%			2046	**	3-5	\$8,500	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone</i>						
		<i>Missing Coating, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone</i>						
Timber	45%			2027	\$19,100	4-5	\$2,300	
Not Accessible	20%							
Deck								
Timber	100%			2021	\$46,800	5	\$17,100	
		<i>Aging, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Fenders								
Vinyl	75%			2021	\$3,900	2	\$5,000	
Vinyl	25%	Now	\$1,300	2026	\$1,300	2	\$1,300	
		<i>Missing Components, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Offshore Edge</i>						
Floats/Frames								
Steel	5%	Now	\$10,600	2031	**	5	\$400	
		<i>Damaged/Missing Pile Guide, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Offshore Anchor Pile Guide</i>						
Not Accessible	95%							
Launch/Haulout								
Ramp								
Asphalt	40%			2052	**	5	\$300	
Concrete	40%	4+	\$15,300	2056	**	5	\$5,200	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Tidal Zone</i>						
		<i>Explanation : Erosion</i>						
Concrete	20%			2046	**	5-10	\$5,200	
Deck Elements								
Railing								
Steel	100%			2025	\$125,100			
Electrical								
Conduit								
PVC	100%			2023	\$6,200			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**1929 BOATHOUSE KAYAK AND CANOE LAUNCH**

**Asset # : 14760**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Electrical								
	Lighting Fixture							
	Incandescent	100%			2020	\$21,800		
Mech./Plumbing								
	Water Supply							
	PVC	100%			2023	\$27,500		

*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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : 79TH STREET BOAT BASIN MARINA  
**Address** : WEST 79TH STREET HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0134.000 / 13599 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 22,170 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 01-Sep-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1254 **Lot** : 10 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$1,156,800	\$6,928,100
<b>Total</b>	<b>\$1,156,800</b>	<b>\$6,928,100</b>
Importance Code A	\$1,015,900	\$6,206,100
Importance Code B	\$140,900	\$161,800
Importance Code C		\$560,200
<b>Total</b>	<b>\$1,156,800</b>	<b>\$6,928,100</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$73,500	\$28,300	\$69,100	\$44,900
<b>Total</b>	<b>\$73,500</b>	<b>\$28,300</b>	<b>\$69,100</b>	<b>\$44,900</b>
Importance Code A	\$73,500	\$10,300	\$66,600	\$34,900
Importance Code B		\$8,600	\$2,500	\$10,000
Importance Code C		\$9,400		
<b>Total</b>	<b>\$73,500</b>	<b>\$28,300</b>	<b>\$69,100</b>	<b>\$44,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**79TH STREET BOAT BASIN MARINA**  
**Asset # : 13599**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2026	\$2,557,100	5	\$74,100	
<i>Aging, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout C Dock And Boat Basin Office Platforms.</i>								
Gangways								
Aluminum	95%	Now	\$140,900	2058	**	1-3	\$32,500	
<i>Missing Connections, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Broken Hinge Connections. Gangways Attached To Dock Via Chains At C Dock.</i>								
<i>Roller Malfunction, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At C Dock And Between D And E Dock</i>								
Aluminum	5%			2048	**	1-3	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At North And West Sides Of Boat Basin Office.</i>								
<i>Explanation : Replaced Hinge Connections</i>								
Pile Caps								
Concrete	10%	4+	\$55,000	2048	**	5	\$4,800	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Boat Basin Office Platform.</i>								
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Boat Basin Office Platform.</i>								
Timber	90%			2048	**	4	\$65,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : At C Dock Platform.</i>								
Piles and Bracing								
Timber	50%			2048	**	4-5	\$183,500	
<i>Displaced Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Braces At C Dock Platform.</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dock Office Platform Piles Are Concrete Encased.</i>								
<i>Explanation : Supporting The C Dock And Boat Basin Dock Office Platform</i>								
Not Accessible	50%							
Floating Docks								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**79TH STREET BOAT BASIN MARINA**  
**Asset # : 13599**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks								
Anchor Piles								
Composite	5%			2048	**	10		
Timber	40%			2029	\$275,900	4-5	\$36,200	
	<i>Abrasion, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout Tidal Zone</i>							
Timber	5%	0-2	\$34,500	2033	**	4-5	\$2,500	
	<i>Abrasion, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Throughout Tidal Zone</i>							
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Isolated Locations At D And E Dock.</i>							
Timber	10%	4+	\$69,000	2033	**	4-5	\$4,900	
	<i>Worn, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Isolated Throughout.</i>							
Not Accessible	40%							
Deck								
Timber	5%	Now	\$12,200	2028	\$12,200	5	\$2,200	
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Isolated Broken Planks Throughout.</i>							
Timber	95%			2023	\$232,600	5	\$84,900	
	<i>Aging, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout.</i>							
Floats/Frames								
Polyethylene	10%	0-2	\$116,800	2033	**	1-5	\$9,100	
	<i>Waterlogged/Damaged Floatation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Isolated Finger Docks</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Damaged/ Missing Connecting Hardware</i>							
Polyethylene	90%			2028	\$1,751,600	1-5	\$114,600	
Mooring Piles								
Timber	60%			2026	\$161,800	4-5	\$19,500	
Not Accessible	40%							
Protective Structure								
Ice Breaker								
Steel	20%	Now	\$346,400	2038	**	2-3	\$44,700	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Western Icebreaker Structures</i>							
	<i>Explanation : No Steel Wedge On Western Two Pile Clusters</i>							
Steel	55%			2028	\$952,500	2-3	\$149,800	
	<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Steel Icebreaker Wedges</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Western Icebreaker Structures</i>							
	<i>Explanation : No Steel Wedge On Western Two Pile Clusters</i>							
Not Accessible	25%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**79TH STREET BOAT BASIN MARINA**  
**Asset # : 13599**

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	
Protective Structure								
Pile Cluster								
Timber	60%			2029	\$434,400	4-10	\$154,000	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Top 1 Ft Of Piles At Marina.</i>								
Not Accessible	40%							
Electrical								
Lighting Fixture								
Sodium	75%			2022	\$13,400			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pole Mounted</i>								
Sodium	25%			2022	\$4,500			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West End Of C Dock</i>								
<i>Explanation : Harbor Beacon</i>								
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2026	\$214,000			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Lighthouse Utility Station Model 3050</i>								
Mech./Plumbing								
Sanitary Piping								
PVC	100%			2024	\$83,100			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At C Dock, South Pier</i>								
<i>Explanation : Sewage Forwarding Pump Station</i>								
Water Supply								
PVC	100%			2024	\$198,000			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Isolated Collapsed Hose Between D And E Dock.</i>								
<i>Explanation : Hose Stations</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : BAYSIDE MARINA  
**Address** : 28 ROAD AND CROSS ISLAND PARKWAY @ LITTLE NECK BAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0137.000 / 13602 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,133 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 16-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8069 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$1,377,400	\$45,600
<b>Total</b>	<b>\$1,377,400</b>	<b>\$45,600</b>
Importance Code A	\$1,320,000	\$45,600
Importance Code B	\$57,400	
<b>Total</b>	<b>\$1,377,400</b>	<b>\$45,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$65,000	\$5,300	\$2,300	\$49,600
<b>Total</b>	<b>\$65,000</b>	<b>\$5,300</b>	<b>\$2,300</b>	<b>\$49,600</b>
Importance Code A	\$57,100	\$5,200	\$2,300	\$48,600
Importance Code B	\$7,800			\$1,000
<b>Total</b>	<b>\$65,000</b>	<b>\$5,300</b>	<b>\$2,300</b>	<b>\$49,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**BAYSIDE MARINA**  
**Asset # : 13602**

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	80%			2023	\$945,800	5	\$27,400	
Not Accessible	20%							
Gangways								
Steel	100%	2-4	\$7,800	2045	**	1-3	\$3,300	
<i>Handrail Damage, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Broken Handrail At 3 Locations And Buckled Tension Rods</i>								
Pile Caps								
Timber	100%			2035	**	4	\$22,300	
<i>Rotting/Splitting, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Piles and Bracing								
Timber	50%			2045	**	4-5	\$84,800	
Timber	10%	0-2	\$160,700	2055	**	4-5	\$8,800	
<i>Displaced Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Braces Throughout Due To Hurricane Damage</i>								
<i>Not Plumb, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Isolated</i>								
<i>Splitting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Isolated Piles Split At Top</i>								
Not Accessible	40%							
Floating Docks								
Anchor Piles								
Timber	57%			2023	\$85,700	4-5	\$10,200	
Timber	3%	Now	\$4,500	2030	**	4-5	\$300	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Missing Retention Chains On Anchor Piles</i>								
Not Accessible	40%							
Deck								
Timber	100%			2023	\$89,800	5	\$32,800	
<i>Aging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Western Float System</i>								
Floats/Frames								
Polyethylene	90%			2030	**	1-5	\$42,000	
Steel	10%	2-4	\$20,400	2030	**	5	\$1,400	
<i>Displaced Component, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Damaged Frame On South Float System</i>								
Launch/Haulout								
Ramp								
Concrete	100%	Now	\$57,400	2045	**	5	\$32,700	
<i>Settlement, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At And Beneath Concrete Joint For Full Width</i>								
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BAYSIDE MARINA**  
**Asset # : 13602**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railing								
Timber	100%			2020				
	<i>Aging, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Electrical								
Lighting Fixture								
Incandescent	95%			2020	\$18,400			
Incandescent	5%	Now	\$1,000	2020	\$1,000			
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Base On Access Walkway</i>							
	<i>Explanation : Broken Light Fixture</i>							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2024	\$30,600			

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : CANARSIE ADOLESCENT PROGRAM  
**Address** : PAERDEGAT AVE NORTH AND FOOT OF PAERDEGAT 10TH ST  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0139.000 / 13612 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,362 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks		\$44,500
<b>Total</b>		<b>\$44,500</b>
Importance Code A		\$44,500
<b>Total</b>		<b>\$44,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$34,300	\$500	\$1,300	\$5,300
<b>Total</b>	<b>\$34,300</b>	<b>\$500</b>	<b>\$1,300</b>	<b>\$5,300</b>
Importance Code A	\$2,400	\$400	\$800	\$5,300
Importance Code B	\$31,900		\$500	
<b>Total</b>	<b>\$34,300</b>	<b>\$500</b>	<b>\$1,300</b>	<b>\$5,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CANARSIE ADOLESCENT PROGRAM**  
**Asset # : 13612**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Access Walkways</b>								
<b>Deck</b>								
Timber	100%			2028	\$44,500	5	\$1,300	
<b>Gangways</b>								
Aluminum	100%			2055	* *	1-3	\$1,700	
<b>Pile Caps</b>								
Timber	100%			2055	* *	4	\$800	
<b>Piles and Bracing</b>								
Timber	80%			2055	* *	4-5	\$4,900	
Not Accessible	20%							
<b>Floating Docks</b>								
<b>Anchor Piles</b>								
Timber	80%			2033	* *	4-5	\$3,200	
Not Accessible	20%							
<b>Deck</b>								
Timber	100%			2028	\$15,000	5	\$5,500	
<b>Floats/Frames</b>								
Polyethylene	35%			2037	* *	1-5	\$2,700	
Timber	40%			2037	* *			
Not Accessible	25%							
<b>Mooring Piles</b>								
Timber	80%			2033	* *	4-5		
Not Accessible	20%							
<b>Launch/Haulout</b>								
<b>Ramp</b>								
Concrete	100%	Now	\$31,900	2059	* *	5	\$10,900	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Ramp</i>								
<i>Explanation : Non Engineered Structure Partial Collapse</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DIAMOND POINT YACHT CLUB (PAERDEGAT BASIN 3)  
**Address** : PAERDEGAT AVE NORTH AND FOOT OF PAERDEGAT 12TH ST  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0143.000 / 13616 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,490 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$95,600	\$86,500
<b>Total</b>	<b>\$95,600</b>	<b>\$86,500</b>
Importance Code A		\$86,500
Importance Code B	\$95,600	
<b>Total</b>	<b>\$95,600</b>	<b>\$86,500</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$2,000	\$1,500	\$2,700	\$13,000
<b>Total</b>	<b>\$2,000</b>	<b>\$1,500</b>	<b>\$2,700</b>	<b>\$13,000</b>
Importance Code A	\$1,900	\$1,300	\$2,000	\$12,200
Importance Code B		\$200	\$700	\$700
<b>Total</b>	<b>\$2,000</b>	<b>\$1,500</b>	<b>\$2,700</b>	<b>\$13,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**DIAMOND POINT YACHT CLUB (PAERDEGAT BASIN 3)**

**Asset # : 13616**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2028	\$48,000	5	\$1,400	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Full Marina</i>								
Gangways								
Aluminum	100%			2055	**	1-3	\$2,300	
Pile Caps								
Timber	100%			2055	**	4	\$900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Full Marina</i>								
Piles and Bracing								
Timber	50%			2055	**	4-5	\$3,300	
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Timber	75%			2033	**	4-5	\$9,900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Full Marina</i>								
Not Accessible	25%							
Deck								
Timber	100%			2028	\$38,500	5	\$14,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Full Marina</i>								
Floats/Frames								
Polyethylene	35%			2037	**	1-5	\$7,000	
Timber	40%			2037	**			
Not Accessible	25%							
Mooring Piles								
Timber	80%			2033	**	4-5	\$1,900	
Not Accessible	20%							
Launch/Haulout								
Ramp								
Concrete	100%	4+	\$95,600	2059	**	5	\$32,700	
<i>Cracking, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Surface Wearing/Scaling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Top Slab Surface In Tidal Zone</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Along Offshore Slab Edge</i>								
<i>Explanation : Undermining</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : DYCKMAN STREET MARINA  
**Address** : WEST END OF DYCKMAN STREET HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0159.000 / 13667 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,120 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks		\$59,200
<b>Total</b>		<b>\$59,200</b>
Importance Code A		\$59,200
<b>Total</b>		<b>\$59,200</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$4,400	\$3,300	\$17,900	\$14,100
<b>Total</b>	<b>\$4,400</b>	<b>\$3,300</b>	<b>\$17,900</b>	<b>\$14,100</b>
Importance Code A	\$2,000	\$1,700	\$14,300	\$12,500
Importance Code B	\$100	\$100	\$1,300	\$100
Importance Code C	\$2,300	\$1,500	\$2,300	\$1,500
<b>Total</b>	<b>\$4,400</b>	<b>\$3,300</b>	<b>\$17,900</b>	<b>\$14,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**DYCKMAN STREET MARINA**  
**Asset # : 13667**

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%			2055	**	1-3	\$4,200	
Floating Docks								
Anchor Piles								
Steel	50%			2055	**	3-5	\$17,600	
		<i>Missing Coating, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Above Mlw Elevation</i>						
Not Accessible	50%							
Deck								
Timber	100%			2028	\$59,200	5	\$21,600	
Fenders								
Rubber	100%			2028	\$26,900	1-2	\$19,300	
Floats/Frames								
Polyethylene	100%			2037	**	1-5	\$30,800	
Launch/Haulout								
Ramp								
Concrete	100%			2049	**	5-10	\$31,400	
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Cracking Throughout</i>						
		<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Erosion At Joints</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORMER FUR FIN AND FEATHERS ASSO  
**Address** : BAYVIEW AVE. LEMON CREEK WEST BANK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0152.000 / 13640 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,797 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 13-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$313,400	\$221,400
<b>Total</b>	<b>\$313,400</b>	<b>\$221,400</b>
Importance Code A	\$276,300	\$221,400
Importance Code B	\$37,100	
<b>Total</b>	<b>\$313,400</b>	<b>\$221,400</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$44,600			\$14,200
<b>Total</b>	<b>\$44,600</b>			<b>\$14,200</b>
Importance Code A	\$35,600			\$13,900
Importance Code B	\$9,000			\$300
<b>Total</b>	<b>\$44,600</b>			<b>\$14,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORMER FUR FIN AND FEATHERS ASSO**  
**Asset # : 13640**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2020	\$19,500	5	\$600	
Gangways								
Timber	100%			2020	\$8,700	1-3	\$1,400	
Pile Caps								
Timber	100%			2035	**	4	\$400	
Piles and Bracing								
Timber	100%	4+	\$15,900	2045	**	4-5	\$1,400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Isolated In Tidal Zone</i>								
Floating Docks								
Anchor Piles								
Steel	40%	4+	\$45,200	2055	**	3-5	\$30,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Poor Embedment</i>								
Timber	60%	Now	\$48,600	2030	**	4-5	\$5,800	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Upstream Area Of Marina</i>								
Deck								
Timber	33%			2023	\$21,100	5	\$7,700	
Timber	67%	Now	\$42,900	2025	\$42,900	5	\$7,800	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Northern And Southern Areas Of Marina</i>								
Floats/Frames								
Polystyrene	20%			2025	\$101,800			
Timber	67%	Now	\$118,600	2035	**			
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Northern And Southern Areas Of Marina</i>								
Timber	13%			2025	\$76,700			
Mooring Piles								
Steel	100%	Now	\$37,100	2055	**	5	\$600	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : FORMER SANDYS MARINA  
**Address** : MOUTH OF LEMON CREEK JOHNSTON TERRACE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0151.000 / 13639 **Yr Built/Renovated** :  
**Area Sq Ft** : 928 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$45,400	
<b>Total</b>	<b>\$45,400</b>	
Importance Code B	\$45,400	
<b>Total</b>	<b>\$45,400</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$8,000	\$800	\$2,800	\$2,500
<b>Total</b>	<b>\$8,000</b>	<b>\$800</b>	<b>\$2,800</b>	<b>\$2,500</b>
Importance Code A	\$300	\$800	\$2,200	\$2,300
Importance Code B	\$7,700		\$700	\$200
<b>Total</b>	<b>\$8,000</b>	<b>\$800</b>	<b>\$2,800</b>	<b>\$2,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FORMER SANDYS MARINA**  
**Asset # : 13639**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2027		5		
			<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Gangways								
Timber	100%	4+	\$5,400	2029	\$5,400	1-3	\$700	
			<i>Rotting/Splitting, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Isolated Throughout</i>					
Piles and Bracing								
Timber	100%			2049	**	4-5		
			<i>Rotting/Splitting, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Tidal Zone</i>					
Floating Docks								
Anchor Piles								
Timber	100%			2033	**	4-5	\$5,600	
			<i>Missing Components, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Missing Connection From Float To Pile</i>					
Deck								
Timber	100%			2027	\$10,300	5	\$3,700	
			<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Floats/Frames								
Polyethylene	100%			2034	**	1-5	\$5,300	
Mooring Piles								
Timber	80%			2030	**	4-5	\$6,000	
Not Accessible	20%							
Launch/Haulout								
Ramp								
Concrete	100%	4+	\$45,400	2059	**	5	\$15,600	
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Isolated Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>					
			<i>Location : Typical Throughout</i>					
			<i>Explanation : Gravel Scour Between Blocks.</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HAMMONDS COVE MARINA, INC  
**Address** : HAMMONDS COVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0156.000 / 13664 **Yr Built/Renovated** :  
**Area Sq Ft** : 13,541 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Jan-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5521 **Lot** : 170 **BIN** :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Marinas/Docks	\$429,900	\$323,800
<b>Total</b>	<b>\$429,900</b>	<b>\$323,800</b>
Importance Code A	\$429,900	\$323,800
<b>Total</b>	<b>\$429,900</b>	<b>\$323,800</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$126,100	\$700	\$1,800	\$5,000
<b>Total</b>	<b>\$126,100</b>	<b>\$700</b>	<b>\$1,800</b>	<b>\$5,000</b>
Importance Code A	\$117,400	\$600	\$1,600	\$4,400
Importance Code B	\$8,700	\$100	\$200	\$700
<b>Total</b>	<b>\$126,100</b>	<b>\$700</b>	<b>\$1,800</b>	<b>\$5,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HAMMONDS COVE MARINA, INC**  
**Asset # : 13664**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2025	\$5,700	5	\$200	
<i>Aging, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Eastern Access Walkway</i>								
Gangways								
Steel	25%	4+	\$4,100	2057	**	1-3	\$1,000	
<i>Corrosion, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Gangway Deck Frame</i>								
Steel	25%	Now	\$4,100	2057	**	1-3	\$1,000	
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Missing Coating, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : West Gangway</i>								
<i>Explanation : Failed Connection</i>								
Timber	45%			2025	\$5,100	1-3	\$700	
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Decking</i>								
Timber	5%	4+	\$600	2027	\$600	1-3	\$100	
<i>Missing Components, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random Missing Threads Throughout</i>								
Pile Caps								
Timber	100%	2-4	\$600	2057	**	4	\$100	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Beneath East And West Access Walkway</i>								
Piles and Bracing								
Timber	90%	4+	\$7,000	2057	**	4-5	\$400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At East And West Gangways</i>								
<i>Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At East And West Gangways</i>								
Not Accessible	10%							
Floating Docks								
Anchor Piles								
Timber	40%	Now	\$23,600	2028	\$78,600	4-5	\$5,600	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 3 Piles West Of Dock</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout East Dock With Several On West Dock</i>								
<i>Explanation : Broken Pile Guide</i>								
Timber	40%			2028	\$78,600	4-5	\$10,300	
Not Accessible	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.

**DEPT. OF PARKS & RECREATION - 846**  
**HAMMONDS COVE MARINA, INC**  
**Asset # : 13664**

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								
Deck								
Timber	95%	4+	\$14,200	2025	\$142,100	5	\$25,900	
<i>Aging, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Timber	5%	Now	\$7,500	2027	\$7,500	5	\$1,400	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Broken Fingers And Deck Planks</i>								
Floats/Frames								
Polyethylene	15%	0-2	\$17,800	2032	**	1-5	\$8,400	
<i>Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Listing</i>								
Timber	5%	Now	\$13,800	2032	**			
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : 2 Broken Fingers</i>								
<i>Explanation : Listing</i>								
Timber	20%			2032	**			
Not Accessible	60%							
Launch/Haulout								
Piles and Bracing								
Timber	90%	4+	\$76,500	2057	**	4	\$2,500	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Above Mlw Elevation</i>								
Not Accessible	10%							
Runway								
Steel	70%			2047	**	5	\$1,900	
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Surface</i>								
Timber	30%	4+	\$15,000	2032	**	4	\$1,900	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East End Of Runway</i>								
<i>Explanation : Loose Decking</i>								
Electrical								
Conduit								
PVC	100%			2023	\$65,500			
Electrical/Mech.								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
HAMMONDS COVE MARINA, INC  
Asset # : 13664**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Electrical/Mech.								
Power Supply/Bollards								
Steel	10%	Now	\$17,000	2027	\$17,000			
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Electrical Connection Burned Out; Broken At Two Locations</i>							
Steel	90%			2022	\$152,900			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Isolated Throughout East Dock</i>							
	<i>Explanation : Loose Light Cover; Loose/ Missing Connections</i>							
Mech./Plumbing								
Water Supply								
PVC	80%			2023	\$135,000			
Not Accessible	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.



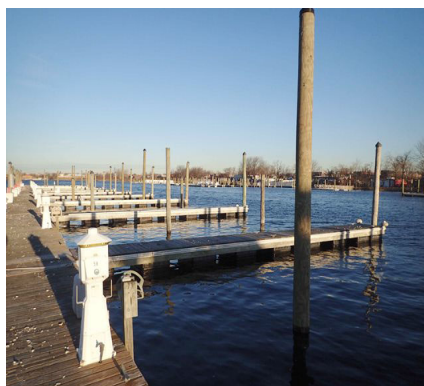
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : HUDSON RIVER YACHT CLUB (PAERDEGAT BASIN 1)  
**Address** : FOOT OF AVE U AND BERGEN AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0145.000 / 13618 **Yr Built/Renovated** :  
**Area Sq Ft** : 14,664 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8338 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$85,500	\$435,000
<b>Total</b>	<b>\$85,500</b>	<b>\$435,000</b>
Importance Code A	\$85,500	\$435,000
<b>Total</b>	<b>\$85,500</b>	<b>\$435,000</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$32,100	\$5,900	\$44,300	\$4,700
<b>Total</b>	<b>\$32,100</b>	<b>\$5,900</b>	<b>\$44,300</b>	<b>\$4,700</b>
Importance Code A	\$26,400	\$5,800	\$40,600	\$4,600
Importance Code B	\$5,700	\$100	\$3,700	\$100
<b>Total</b>	<b>\$32,100</b>	<b>\$5,900</b>	<b>\$44,300</b>	<b>\$4,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**HUDSON RIVER YACHT CLUB (PAERDEGAT BASIN 1)**

**Asset # : 13618**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2027	\$81,600	5	\$2,400	
<i>Aging, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Gangways								
Aluminum	100%			2055	**	1-3	\$7,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pile Caps								
Timber	100%			2049	**	4	\$2,300	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Piles and Bracing								
Timber	90%			2049	**	4-5	\$10,500	
Timber	10%	2-4	\$6,700	2055	**	4-5	\$600	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Floating Docks								
Anchor Piles								
Timber	73%			2030	**	4-5	\$24,100	
Timber	2%	2-4	\$5,500	2034	**	4-5	\$400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Not Accessible	25%							
Deck								
Timber	100%			2027	\$162,000	5	\$59,100	
<i>Aging, Extent : Light, Area Affected : 60%</i>								
<i>Location : Slips 44-78</i>								
Floats/Frames								
Polyethylene	100%			2034	**	1-5	\$84,200	
Mooring Piles								
Timber	60%			2030	**	4-5	\$14,200	
Not Accessible	40%							
Launch/Haulout								
Piles and Bracing								
Timber	55%	2-4	\$85,500	2049	**	4	\$1,400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : In Tidal Zone</i>								
Timber	5%			2049	**	4	\$200	
Not Accessible	40%							
Runway								
Timber	100%			2030	**	4	\$5,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Aging</i>								
Electrical								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HUDSON RIVER YACHT CLUB (PAERDEGAT BASIN 1)**

**Asset # : 13618**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Electrical								
Conduit								
	PVC	10%		2025	\$8,200			
	Not Accessible	90%						
Lighting Fixture								
	Sodium	100%		2024	\$65,700			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : LED Light Fixtures</i>							
Electrical/Mech.								
Power Supply/Bollards								
	Plastic	100%		2027	\$125,700			
Mech./Plumbing								
Water Supply								
	PVC	10%		2025				
	Not Accessible	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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : INWOOD CANOE CLUB  
 Address : SOUTH OF DYCKMAN MARINA  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0169.000 / 13695 Yr Built/Renovated : 1906 / 1990  
 Area Sq Ft : 630 Project Type : PARKS AND RECREATION  
 Date of Survey : 06-Feb-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 2178 Lot : 1 BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$7,000		\$1,600	\$600
<b>Total</b>	<b>\$7,000</b>		<b>\$1,600</b>	<b>\$600</b>
Importance Code A	\$6,900		\$1,300	\$600
Importance Code B			\$400	
<b>Total</b>	<b>\$7,000</b>		<b>\$1,600</b>	<b>\$600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD CANOE CLUB**  
**Asset # : 13695**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Access Walkways								
Gangways								
	Aluminum	100%			2049	**	1-3	\$1,300
Floating Docks								
Anchor Piles								
	Steel	30%			2049	**	3-5	\$4,000
			<i>Corrosion, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Above Mlw</i>					
	Timber	30%	0-2	\$6,900	2034	**	4-5	\$500
			<i>Abrasion, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Above Mlw Elevation</i>					
	Not Accessible	40%						
Deck								
	Timber	100%			2028	\$3,300	5	\$1,200
Floats/Frames								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : INWOOD HILL PARK BOAT DOCK  
**Address** : NORTH SIDE INWOOD HILL PARK WEST SIDE OF PENNINSULA  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.047 / 14762 **Yr Built/Renovated** :  
**Area Sq Ft** : 620 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2255 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$147,500	\$167,300
<b>Total</b>	<b>\$147,500</b>	<b>\$167,300</b>
Importance Code A	\$147,500	\$167,300
<b>Total</b>	<b>\$147,500</b>	<b>\$167,300</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$21,900	\$500	\$3,600	
<b>Total</b>	<b>\$21,900</b>	<b>\$500</b>	<b>\$3,600</b>	
Importance Code A	\$21,800	\$400	\$2,800	
Importance Code B			\$700	
Importance Code C	\$100		\$100	
<b>Total</b>	<b>\$21,900</b>	<b>\$500</b>	<b>\$3,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK BOAT DOCK**  
**Asset # : 14762**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2024	\$69,500	5	\$2,000	
Gangways								
Aluminum	100%			2046	**	1-3	\$2,400	
Pile Caps								
Concrete	67%	2-4	\$100,200	2056	**	5	\$900	
			<i>Cracking, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Along Base And Offshore Face Of Girders</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Concrete Girders Supported By Aging Timber Crib</i>					
			<i>Explanation : Potentially Unstable</i>					
Timber	33%	2-4	\$2,200	2056	**	4	\$400	
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Center Deck Support Girder Consists Of Stacked Timber Elements On Aging Timber Crib</i>					
			<i>Explanation : Potentially Unstable</i>					
Piles and Bracing								
Timber	50%	4+	\$47,300	2056	**	4-5	\$2,600	
			<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout Timber Crib Foundation</i>					
			<i>Splitting, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout Timber Crib Foundation</i>					
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Steel	100%			2046	**	3-5	\$8,800	
Deck								
Timber	100%			2024	\$1,300	5	\$500	
Fenders								
Vinyl	100%			2024	\$200	2	\$300	
Floats/Frames								
Polyethylene	30%			2031	**	1-5	\$200	
Steel	30%			2031	**	5-10	\$300	
Not Accessible	40%							
Deck Elements								
Railing								
Steel	100%	4+	\$19,500	2026	\$97,700			
			<i>Corrosion, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Missing Coating, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : KAYAK LAUNCH AND FERRY LANDING  
**Address** : W 133RD STREET AND HUDSON RIVER WEST HARLEM PIERS PARK  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0235.020 / 14121 **Yr Built/Renovated** : 2007 /  
**Area Sq Ft** : 3,700 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 26-Oct-2016 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2004 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$255,900	\$175,900
<b>Total</b>	<b>\$255,900</b>	<b>\$175,900</b>
Importance Code A		\$175,900
Importance Code C	\$255,900	
<b>Total</b>	<b>\$255,900</b>	<b>\$175,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$57,900	\$7,200	\$3,800	\$3,400
<b>Total</b>	<b>\$57,900</b>	<b>\$7,200</b>	<b>\$3,800</b>	<b>\$3,400</b>
Importance Code A	\$22,200	\$4,500	\$3,700	\$2,200
Importance Code B	\$16,500	\$2,800	\$200	\$1,300
Importance Code C	\$19,200			
<b>Total</b>	<b>\$57,900</b>	<b>\$7,200</b>	<b>\$3,800</b>	<b>\$3,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**KAYAK LAUNCH AND FERRY LANDING**  
**Asset # : 14121**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	70%			2054	**	1-3	\$8,900	
Aluminum	30%	Now	\$16,400	2058	**	1-3	\$3,800	
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Damaged End At Kayak Launch</i>								
<i>Explanation : Damage</i>								
Floating Docks								
Anchor Piles								
Steel	80%			2048	**	3-5	\$14,100	
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Tidal Zone</i>								
<i>Missing Coating, Extent : Light, Area Affected : 25%</i>								
<i>Location : Tidal Zone</i>								
Steel	10%	Now	\$4,300	2058	**	3-5	\$1,700	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Northernmost Pile On Ferry Dock</i>								
<i>Explanation : Pile Driven Or Subsided Beyond Useful Range</i>								
Not Accessible	10%							
Deck								
Steel	90%			2026			\$12,100	
Timber	10%	Now	\$1,300	2028		5	\$200	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Kayak Launch</i>								
Floats/Frames								
Steel	65%			2033	**	5-10	\$1,700	
Steel	25%	Now	\$7,500	2038	**	5	\$200	
<i>Damaged/Missing Pile Guide, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Two Northern Guides On Ferry Dock</i>								
Steel	10%	Now	\$3,000	2038	**	5	\$100	
<i>Displaced Component, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Kayak Launch Float Broken</i>								
Barge								
Steel	50%			2037	**	5	\$7,300	
Steel	5%	4+	\$6,100	2037	**	5	\$400	
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Waterline</i>								
Not Accessible	45%							
Protective Structure								
Pile Cluster								
Timber	90%			2032	**	4-10	\$313,500	
Not Accessible	10%							
Deck Elements								
Railing								
Steel	60%			2026			\$175,900	
No Component	40%							
Fender								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
KAYAK LAUNCH AND FERRY LANDING**

**Asset # : 14121**

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 Composite	100%			2026	\$34,500			

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name : LEMON CREEK MARINA**  
**Address : LEMON CREEK PARK PRINCES BAY / BAYVIEW AVE**  
**Borough : STATEN ISLAND**      **Agency's Number : N/A**  
**Program / Asset # : PAR0140.000 / 13613**      **Yr Built/Renovated :**  
**Area Sq Ft : 5,623**      **Project Type : PARKS AND RECREATION**  
**Date of Survey : 13-May-2014**      **Landmark Status : NONE**  
**Areas Surveyed :**  
**Block : 6674**      **Lot : 1**      **BIN :**

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Marinas/Docks	\$276,800	\$98,500
<b>Total</b>	<b>\$276,800</b>	<b>\$98,500</b>
Importance Code A	\$217,500	\$98,500
Importance Code B	\$59,300	
<b>Total</b>	<b>\$276,800</b>	<b>\$98,500</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$62,400	\$2,000	\$2,000	\$34,300
<b>Total</b>	<b>\$62,400</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$34,300</b>
Importance Code A	\$21,800	\$1,800	\$1,800	\$14,100
Importance Code B	\$40,600	\$300	\$300	\$20,300
<b>Total</b>	<b>\$62,400</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$34,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*  
*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPT. OF PARKS & RECREATION - 846**  
**LEMON CREEK MARINA**  
**Asset # : 13613**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Timber	100%	2-4	\$29,600	2023	\$59,300	1-3	\$7,800	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Floating Docks								
Anchor Piles								
Steel	65%	4+	\$56,600	2055	**	3-5	\$37,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Piles Throughout</i>								
<i>Explanation : Loose Element</i>								
Timber	35%	2-4	\$21,800	2026	\$36,400	4-5	\$2,600	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Typical In Tidal Zone</i>								
Deck								
Timber	60%	2-4	\$37,300	2025	\$37,300	5	\$6,800	
<i>Surface Wearing/Scaling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Timber	40%	Now	\$24,800	2025	\$24,800	5	\$4,500	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Northern And Southern Ends Of Dock</i>								
Floats/Frames								
Polyethylene	10%	4+	\$9,900	2030	**	1-5	\$2,300	
<i>Waterlogged/Damaged Floatation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Remaining Docks</i>								
Polyethylene	40%	0-2	\$39,500	2030	**	1-5	\$9,300	
<i>Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Typical Throughout</i>								
Polyethylene	50%	Now	\$49,400	2035	**	1-5	\$11,600	
<i>Missing Components, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Northern And Southern Ends Of Dock</i>								
<i>Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Main Pier</i>								
Mooring Piles								
Timber	100%	4+	\$10,900	2023	\$18,200	4-5	\$1,300	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Tidal Zone</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MIDGET SQUADRON YACHT CLUB (PAERDEGAT BASIN 2)  
**Address** : PAERDEGAT AVE NORTH AND FOOT OF SEAVIEW AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0141.000 / 13614 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,799 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$86,000	\$448,600
<b>Total</b>	<b>\$86,000</b>	<b>\$448,600</b>
Importance Code A	\$86,000	\$448,600
<b>Total</b>	<b>\$86,000</b>	<b>\$448,600</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$87,000	\$6,800	\$4,600	\$34,800
<b>Total</b>	<b>\$87,000</b>	<b>\$6,800</b>	<b>\$4,600</b>	<b>\$34,800</b>
Importance Code A	\$52,100	\$6,400	\$2,800	\$33,200
Importance Code B	\$34,900	\$400	\$1,800	\$1,600
<b>Total</b>	<b>\$87,000</b>	<b>\$6,800</b>	<b>\$4,600</b>	<b>\$34,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**MIDGET SQUADRON YACHT CLUB (PAERDEGAT BASIN 2)**

**Asset # : 13614**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	10%	4+	\$3,600	2027	\$12,100	5	\$200	
<i>Aging, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South East Platform</i>								
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South East Platform</i>								
Timber	90%			2028	\$109,200	5	\$3,200	
Gangways								
Aluminum	75%			2055	**	1-3	\$5,800	
Steel	12%	2-4	\$3,600	2059	**	1-3	\$900	
<i>Corrosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Cracked Weld, Extent : Severe, Area Affected : 2%</i>								
<i>Location : One Location On North Dock Gangway</i>								
Timber	13%	4+	\$2,700	2029	\$2,700	1-3	\$400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random</i>								
Pile Caps								
Timber	25%	Now	\$2,900	2059	**	4	\$600	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : SE Access Ramp</i>								
Timber	75%			2055	**	4	\$1,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Portion Of Marina</i>								
Piles and Bracing								
Timber	75%			2055	**	4-5	\$12,600	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Portion Of Facility</i>								
Timber	25%	Now	\$41,200	2059	**	4-5	\$2,300	
<i>Marine Borer Infestation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : SE Portion Of Marina</i>								
Floating Docks								
Anchor Piles								
Timber	45%			2033	**	4-5	\$17,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Portion Of Marina</i>								
Timber	5%	2-4	\$15,000	2034	**	4-5	\$1,100	
<i>Abrasion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : In Tidal Zone And Splash Zone</i>								
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : In Tidal Zone And Splash Zone</i>								
Not Accessible	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MIDGET SQUADRON YACHT CLUB (PAERDEGAT BASIN 2)**

**Asset # : 13614**

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								
Deck								
Timber	85%			2028	\$110,800	5	\$40,400	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At South And North Ends Of Marina</i>								
Timber	15%	4+	\$11,700	2027	\$19,500	5	\$3,600	
<i>Aging, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Rotting/Splitting, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Floats/Frames								
Polyethylene	5%	2-4	\$10,400	2034	**	1-5	\$2,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Listing</i>								
Polyethylene	70%			2034	**	1-5	\$47,400	
Not Accessible	25%							
Mooring Piles								
Timber	3%	2-4	\$600	2030	**	4-5	\$100	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Tidal Zone</i>								
Timber	47%			2033	**	4-5	\$3,200	
Not Accessible	50%							
Launch/Haulout								
Piles and Bracing								
Timber	100%			2055	**	4	\$1,800	
Ramp								
Concrete	100%			2055	**	5-10	\$55,800	
Runway								
Timber	100%			2033	**	4	\$5,900	
Electrical								
Conduit								
PVC	60%			2026	\$30,400			
Not Accessible	40%							
Lighting Fixture								
Sodium	100%			2023	\$44,800			
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2028	\$197,000			

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 : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : MILL BASIN MARINA  
**Address** : EAST MILL BASIN AT AVE. Y AND E 69TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0158.000 / 13666 **Yr Built/Renovated** : 1945 / 2005  
**Area Sq Ft** : 9,938 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 31-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8470 **Lot** : 1350 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks		\$109,800
<b>Total</b>		<b>\$109,800</b>
Importance Code A		\$109,800
<b>Total</b>		<b>\$109,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$30,600	\$1,300	\$23,100	\$1,000
<b>Total</b>	<b>\$30,600</b>	<b>\$1,300</b>	<b>\$23,100</b>	<b>\$1,000</b>
Importance Code A	\$30,500	\$1,200	\$21,500	\$900
Importance Code B	\$100	\$100	\$1,600	\$100
<b>Total</b>	<b>\$30,600</b>	<b>\$1,300</b>	<b>\$23,100</b>	<b>\$1,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

## DEPT. OF PARKS &amp; RECREATION - 846

## MILL BASIN MARINA

Asset # : 13666

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	100%			2049	**	1-3	\$5,300	
Floating Docks								
Anchor Piles								
Timber	50%			2030	**	4-5	\$4,400	
<i>Abrasion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Above Mean Low Water Elevation At Isolated Piles Throughout</i>								
Not Accessible	50%							
Deck								
Timber	95%			2027	\$104,300	5	\$38,100	
Timber	5%	4+	\$5,500	2029	\$5,500	5	\$1,000	
<i>Aging, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Isolated Throughout And At North And South Floating Docks</i>								
Floats/Frames								
Polyethylene	25%			2034	**	1-5	\$14,300	
Polyethylene	5%	4+	\$17,400	2034	**	1-5	\$2,000	
<i>Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At North And South Floating Dock Sections</i>								
Timber	25%			2034	**			
Timber	5%	2-4	\$5,100	2034	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing/ Inadequate Anchor Pile Guide</i>								
Not Accessible	40%							
Launch/Haulout								
Fenders								
Timber	25%			2027		3		
<i>Worn, Extent : Light, Area Affected : 25%</i>								
<i>Location : Two Timber Piles With Light Wearing In Tidal Zone</i>								
Not Accessible	75%							
Piles and Bracing								
Timber	25%			2049	**	4	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Both Sides Of Haul Out Ramp</i>								
<i>Explanation : Several New Piles Not Connected</i>								
Not Accessible	75%							
Runway								
Steel	30%			2049	**	5	\$700	
<i>Corrosion, Extent : Light, Area Affected : 40%</i>								
<i>Location : Surface Corrosion</i>								
Timber	40%			2030	**	4	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Weathering/ Wearing</i>								
Not Accessible	30%							
Electrical								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



## DEPT. OF PARKS &amp; RECREATION - 846

## MILL BASIN MARINA

Asset # : 13666

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Electrical								
Conduit								
	Steel	5%		2027				
	PVC	15%		2025				
	Not Accessible	80%						
Lighting Fixture								
	Incandescent	100%		2023				
Electrical/Mech.								
Power Supply/Bollards								
	Steel	100%		2027				
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Electrical Meter With Outlets</i>					
Mech./Plumbing								
Water Supply								
	PVC	100%		2025				
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Gangway</i>					
			<i>Explanation : 2 Percent Copper</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : NEW YORK WATER TAXI  
**Address** : SLIP 6 @BATTERY PARK  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM005.010 / 14455 **Yr Built/Renovated** :  
**Area Sq Ft** : 620 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$34,200	\$100	\$100	\$3,800
<b>Total</b>	<b>\$34,200</b>	<b>\$100</b>	<b>\$100</b>	<b>\$3,800</b>
Importance Code A	\$21,200			\$1,900
Importance Code B	\$12,800	\$100	\$100	\$1,800
Importance Code C	\$300			
<b>Total</b>	<b>\$34,200</b>	<b>\$100</b>	<b>\$100</b>	<b>\$3,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**NEW YORK WATER TAXI**  
**Asset # : 14455**

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%	Now	\$12,800	2049	**	1-3	\$5,900	
<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Wheels Locked, Wearing Plate On Landside</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Barge Side Of Gangway</i>								
<i>Explanation : Failed Pin Connection</i>								
Floating Docks								
Anchor Piles								
Steel	50%	4+	\$3,200	2049	**	3-5	\$4,300	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Above Mean Low Water Elevation</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Above Mean Low Water Elevation</i>								
<i>Missing Components, Extent : Light, Area Affected : 10%</i>								
<i>Location : Missing Guide Hdpe Guide Pad</i>								
Not Accessible	50%							
Fenders								
Rubber	100%	4+	\$300	2029	\$300	1-2	\$200	
<i>Worn, Extent : Severe, Area Affected : 30%</i>								
<i>Location : In Wearing Zone Of Rubber Buffers</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : In Splash Zone On Steel Panels</i>								
<i>Explanation : Corrosion</i>								
Railing								
Steel	100%			2027				
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
Barge								
Steel	50%			2038	**	5	\$1,100	
Steel	10%	Now	\$18,000	2044	**	5	\$100	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Alongside Of Barge</i>								
<i>Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Barge Listing To The South Due To Flooded Compartment</i>								
Not Accessible	40%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PAERDEGAT SQUADRON YACHT CLUB (PAERDEGAT BASIN 5)  
**Address** : PAERDEGAT AVE NORTH AND PAERDEGAT 11TH ST  
**Borough** : BROOKLYN Agency's Number : N/A  
**Program / Asset #** : PAR0144.000 / 13617 Yr Built/Renovated :  
**Area Sq Ft** : 2,100 Project Type : PARKS AND RECREATION  
**Date of Survey** : 30-Jan-2018 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : 8012 Lot : 1 BIN :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$61,200	\$76,900
<b>Total</b>	<b>\$61,200</b>	<b>\$76,900</b>
Importance Code A		\$76,900
Importance Code B	\$61,200	
<b>Total</b>	<b>\$61,200</b>	<b>\$76,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$4,700	\$1,000	\$2,300	\$9,600
<b>Total</b>	<b>\$4,700</b>	<b>\$1,000</b>	<b>\$2,300</b>	<b>\$9,600</b>
Importance Code A	\$4,700	\$800	\$1,200	\$8,800
Importance Code B		\$200	\$1,100	\$700
<b>Total</b>	<b>\$4,700</b>	<b>\$1,000</b>	<b>\$2,300</b>	<b>\$9,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PAERDEGAT SQUADRON YACHT CLUB (PAERDEGAT BASIN 5)**

**Asset # : 13617**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2028	\$76,900	5	\$2,200	
Gangways								
Aluminum	100%			2055	**	1-3	\$3,600	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Pile Caps								
Timber	100%			2055	**	4	\$1,400	
Piles and Bracing								
Timber	90%			2055	**	4-5	\$9,600	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Not Accessible	10%							
Floating Docks								
Anchor Piles								
Timber	60%			2033	**	4-5	\$6,100	
		<i>Missing Components, Extent : Light, Area Affected : 2%</i>						
		<i>Location : One Missing Pile Guide Inshore</i>						
Not Accessible	40%							
Deck								
Timber	100%			2028	\$23,200	5	\$8,500	
Floats/Frames								
Polyethylene	35%			2037	**	1-5	\$4,200	
Timber	45%			2037	**			
Not Accessible	20%							
Mooring Piles								
Timber	80%			2033	**	4-5	\$1,900	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Not Accessible	20%							
Launch/Haulout								
Ramp								
Concrete	100%	4+	\$61,200	2055	**	5	\$34,900	
		<i>Cracking, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Settlement, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Top Surface In Tidal Zone</i>						
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2028				
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

Asset Name : PIER 84 WATER TAXI LANDING HUDSON RIVER PARK TRUST  
 Address : HUDSON RIVER AND W. 44TH STREET  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : PAR0239.000 / 14411 Yr Built/Renovated :  
 Area Sq Ft : 825 Project Type : PARKS AND RECREATION  
 Date of Survey : 25-Jan-2018 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 1107 Lot : 21 BIN :

CAPITAL	FY 2020 - 2023	FY 2024 - 2029
Marinas/Docks		\$66,400
<b>Total</b>		<b>\$66,400</b>
Importance Code A		\$66,400
<b>Total</b>		<b>\$66,400</b>

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$11,200	\$100	\$2,500	\$1,000
<b>Total</b>	<b>\$11,200</b>	<b>\$100</b>	<b>\$2,500</b>	<b>\$1,000</b>
Importance Code A	\$6,100		\$1,400	\$600
Importance Code B	\$5,000	\$100	\$1,100	\$400
Importance Code C				
<b>Total</b>	<b>\$11,200</b>	<b>\$100</b>	<b>\$2,500</b>	<b>\$1,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PIER 84 WATER TAXI LANDING HUDSON RIVER PARK TRUST**

**Asset # : 14411**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Access Walkways</b>								
<b>Gangways</b>								
Aluminum	75%			2049	**	1-3	\$3,500	
Aluminum	25%	0-2	\$5,000	2059	**	1-3	\$1,100	
<i>Loose Connections, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Loose Anchor Plate And Displaced Piano Key Hinge Pin On Pier Side</i>								
<b>Floating Docks</b>								
<b>Anchor Piles</b>								
Steel	50%			2049	**	3-5	\$4,400	
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Above Mlw Elevation On All Piles</i>								
<b>Not Accessible</b>								
<b>50%</b>								
<b>Fenders</b>								
Rubber	100%			2027		1-2	\$200	
<i>Worn, Extent : Light, Area Affected : 30%</i>								
<i>Location : In Wearing Zone Of Rubber Fenders</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : In Splash Zone On Steel Panels</i>								
<i>Explanation : Corrosion</i>								
<b>Barge</b>								
Steel	50%			2038	**	5	\$1,200	
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Isolated On Surface And In Splash Zone Along Sides Of Barge</i>								
Steel	10%	0-2	\$6,100	2038	**	5	\$100	
<i>Damaged/Missing Pile Guide, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 3 Out Of 16 Pile Guide Pads Broken Or Missing</i>								
<b>Not Accessible</b>								
<b>40%</b>								
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	100%			2027			\$66,400	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : PRINCESS BAY BOATMANS ASSOCIATION  
**Address** : LEMON CREEK WEST BANK AND SEQUINE AVE.  
**Borough** : STATEN ISLAND      **Agency's Number** : N/A  
**Program / Asset #** : PAR0153.000 / 13641      **Yr Built/Renovated** :  
**Area Sq Ft** : 11,134      **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 15-May-2014      **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694      **Lot** : 1      **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$140,500	\$489,900
<b>Total</b>	<b>\$140,500</b>	<b>\$489,900</b>
Importance Code A	\$75,800	\$274,000
Importance Code B	\$64,700	\$215,900
<b>Total</b>	<b>\$140,500</b>	<b>\$489,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$8,900	\$28,700	\$6,900	\$3,300
<b>Total</b>	<b>\$8,900</b>	<b>\$28,700</b>	<b>\$6,900</b>	<b>\$3,300</b>
Importance Code A	\$6,700	\$18,100	\$3,800	\$1,100
Importance Code B	\$2,200	\$10,600	\$3,100	\$2,200
<b>Total</b>	<b>\$8,900</b>	<b>\$28,700</b>	<b>\$6,900</b>	<b>\$3,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**PRINCESS BAY BOATMANS ASSOCIATION**

**Asset # : 13641**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2023	\$75,800	5	\$2,200	
Gangways								
Timber	100%			2023	\$64,700	1-3	\$10,700	
<i>Loose Connections, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Two Northernmost Gangways Top Connection Not Secure</i>								
Pile Caps								
Timber	100%			2045	**	4	\$2,100	
Piles and Bracing								
Timber	100%			2045	**	4-5	\$10,900	
Floating Docks								
Anchor Piles								
Steel	25%			2051	**	3-5	\$31,900	
Timber	50%			2026	\$111,700	4-5	\$13,300	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : One Location</i>								
<i>Explanation : Missing Pile Guide</i>								
Not Accessible	25%							
Deck								
Timber	95%			2024	\$116,800	5	\$42,600	
Timber	5%	Now	\$1,800	2024	\$6,100	5	\$1,100	
<i>Missing Components, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Isolated Missing Planks</i>								
Floats/Frames								
Polystyrene	60%			2030	**			
Timber	40%			2030	**			
Mooring Piles								
Timber	75%			2026	\$215,900	4-5	\$26,100	
Not Accessible	25%							
Launch/Haulout								
Piles and Bracing								
Timber	80%			2045	**	4	\$2,700	
Not Accessible	20%							
Runway								
Timber	100%			2026	\$39,300	4	\$4,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

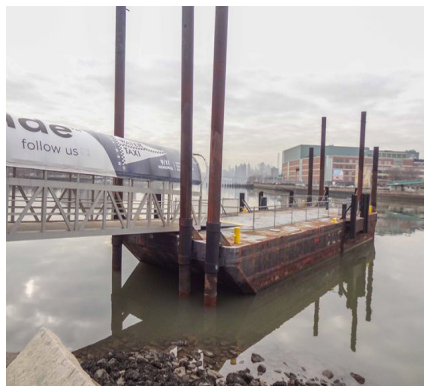
Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : RANDALLS ISLAND INLET FERRY  
**Address** : RANDALLS ISLAND  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0138.000 / 13611 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,903 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$100,900	
<b>Total</b>	<b>\$100,900</b>	
Importance Code A	\$100,900	
<b>Total</b>	<b>\$100,900</b>	

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$5,200	\$3,800	\$4,900	\$400
<b>Total</b>	<b>\$5,200</b>	<b>\$3,800</b>	<b>\$4,900</b>	<b>\$400</b>
Importance Code A	\$2,400	\$3,400		
Importance Code B	\$800	\$200	\$4,700	\$300
Importance Code C	\$2,000	\$100	\$200	\$100
<b>Total</b>	<b>\$5,200</b>	<b>\$3,800</b>	<b>\$4,900</b>	<b>\$400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND INLET FERRY**  
**Asset # : 13611**

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	98%			2049	**	1-3	\$15,500	
<i>Missing Components, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 10 Foot Missing Handrail North Side Of Gangway On Landside</i>								
Steel	2%	Now	\$600	2049	**	1-3	\$300	
<i>Missing Connections, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 19 Missing Bolts At Canopy Connection.</i>								
Floating Docks								
Anchor Piles								
Steel	70%			2039	**	3-5	\$10,800	
<i>Corrosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Anchor Pile Surface</i>								
<i>Missing Coating, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Spud Piles</i>								
Not Accessible	30%							
Fenders								
Rubber	100%	4+	\$2,000	2029	\$2,000	1-2	\$1,300	
<i>Worn, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : On All Fender Connection Points</i>								
<i>Explanation : Steel Framing For Rubber Fenders Has Light Corrosion And Coating Loss</i>								
Barge								
Steel	60%	4+	\$100,900	2038	**	5	\$3,100	
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Sides Of Barge, Under Worn Surfacing On Top Of Barge</i>								
<i>Missing Coating, Extent : Light, Area Affected : 90%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Southwest, Southeast, And Northeast</i>								
<i>Explanation : Missing 3 Hatch Covers. Currently Has Wood Covers.</i>								
Not Accessible	40%							
Deck Elements								
Railing								
Steel	90%			2027				
<i>Loose Connections, Extent : Light, Area Affected : 5%</i>								
<i>Location : Railings Disconnected From End Caps At 3 Locations On Barge</i>								
No Component	10%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Chain Link Fence</i>								
Electrical								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846  
 RANDALLS ISLAND INLET FERRY  
 Asset # : 13611**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>

Electrical

Lighting Fixture

Incandescent

100% Now \$2,400 2024 \$4,800

*Other Observation, Extent : Severe, Area Affected : 100%*

*Location : At Both Lights*

*Explanation : 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.*

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SEBAGO CANOE CLUB (PAERDEGAT BASIN 4)  
**Address** : PAERDEGAT AVE NORTH AND / PAERDEGAT 13TH ST  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : PAR0142.000 / 13615 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,040 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 30-Jan-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

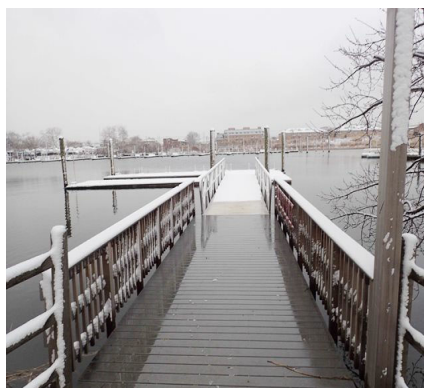
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks		\$400	\$1,100	\$3,400
<b>Total</b>		<b>\$400</b>	<b>\$1,100</b>	<b>\$3,400</b>
Importance Code A		\$400		\$3,300
Importance Code B			\$1,100	
<b>Total</b>		<b>\$400</b>	<b>\$1,100</b>	<b>\$3,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SEBAGO CANOE CLUB (PAERDEGAT BASIN 4)**

**Asset # : 13615**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2028	\$18,400	5	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Access Walkway</i>								
<i>Explanation : Composite Deck Material Not Listed</i>								
Gangways								
Aluminum	100%			2055	**	1-3	\$3,700	
Pile Caps								
Timber	100%			2049	**	4	\$500	
Piles and Bracing								
Timber	100%			2039	**	4-5	\$2,500	
Floating Docks								
Anchor Piles								
Timber	80%			2033	**	4-5	\$2,400	
Not Accessible	20%							
Deck								
Timber	100%			2028	\$11,500	5	\$4,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Floating Dock Deck</i>								
<i>Explanation : Composite Deck Material Not Listed</i>								
Floats/Frames								
Timber	100%			2037	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SHEA STADIUM FERRY LANDING  
**Address** : BERTH 1 WORLDS FAIR MARINA  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0238.000 / 14410 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,940 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Feb-2018 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$200	\$200	\$6,500	\$200
<b>Total</b>	<b>\$200</b>	<b>\$200</b>	<b>\$6,500</b>	<b>\$200</b>
Importance Code A	\$100	\$100	\$4,200	\$100
Importance Code B	\$100	\$100	\$2,300	\$100
<b>Total</b>	<b>\$200</b>	<b>\$200</b>	<b>\$6,500</b>	<b>\$200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SHEA STADIUM FERRY LANDING**  
**Asset # : 14410**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Access Walkways</b>								
<b>Gangways</b>								
Aluminum	100%			2049	**	1-3	\$7,600	
<b>Floating Docks</b>								
<b>Anchor Piles</b>								
Steel	50%			2049	**	3-5	\$6,600	
<i>Missing Coating, Extent : Light, Area Affected : 10%</i>								
<i>Location : Contact Area With Guides</i>								
Not Accessible	50%							
<b>Deck</b>								
Timber	100%			2027	\$11,000	5	\$4,000	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<b>Floats/Frames</b>								
Polyethylene	20%			2034	**	1-5	\$1,100	
<i>Waterlogged/Damaged Floatation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Ice Damage To 1st Float</i>								
Timber	50%			2034	**			
<i>Aging, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Not Accessible	30%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SNUG HARBOR FERRY LANDING  
**Address** : AT SNUG HARBOR PARK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0192.000 / 13932 **Yr Built/Renovated** :  
**Area Sq Ft** : 364 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Dec-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 75 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$83,700	\$361,800
<b>Total</b>	<b>\$83,700</b>	<b>\$361,800</b>
Importance Code A	\$83,700	\$41,700
Importance Code C		\$320,100
<b>Total</b>	<b>\$83,700</b>	<b>\$361,800</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$51,900	\$100	\$2,800	\$8,400
<b>Total</b>	<b>\$51,900</b>	<b>\$100</b>	<b>\$2,800</b>	<b>\$8,400</b>
Importance Code A	\$16,600	\$100	\$2,700	\$1,700
Importance Code B	\$18,700	\$100	\$100	\$1,300
Importance Code C	\$16,600			\$5,400
<b>Total</b>	<b>\$51,900</b>	<b>\$100</b>	<b>\$2,800</b>	<b>\$8,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SNUG HARBOR FERRY LANDING**  
**Asset # : 13932**

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	95%			2024	\$39,600	5	\$1,200	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Timber	5%	Now	\$2,100	2026	\$2,100	5		
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Offshore End Of Access Walkway</i>								
Gangways								
Aluminum	100%	Now	\$18,700	2056	**	1-3	\$4,300	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Gangway</i>								
Pile Caps								
Timber	100%			2052	**	4	\$1,200	
Piles and Bracing								
Timber	100%			2052	**	4-5	\$6,000	
Floating Docks								
Anchor Piles								
Steel	60%	4+	\$5,200	2046	**	3-5	\$5,200	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Exposed Steel Above The Mlw Elevation</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above The Mlw Elevation</i>								
Not Accessible	40%							
Deck								
Timber	95%			2024	\$6,700	5	\$2,500	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Timber	5%	Now	\$400	2026	\$400	5	\$100	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated</i>								
Floats/Frames								
Aluminum	25%			2034	**	5-10		
Aluminum	5%	Now	\$5,600	2036	**	5		
<i>Missing Connections, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Inner Pile Guide</i>								
Polyethylene	5%			2031	**	1-5	\$200	
Polyethylene	5%	Now	\$2,800	2036	**	1-5	\$100	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Two Floats In Frame Extension</i>								
Not Accessible	60%							
Protective Structure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SNUG HARBOR FERRY LANDING**  
**Asset # : 13932**

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	
Protective Structure								
Pile Cluster								
Timber	60%			2027	\$248,200	4-10	\$82,600	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Lower Cable Windings Above The Mlw Elevation</i>								
<i>Explanation : Corrosion Of Cable Windings</i>								
Timber	20%	Now	\$16,600	2031	**	4	\$3,600	
<i>Broken, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Single Cluster At End Of Wave Attenuator</i>								
Not Accessible	20%							
Wave Attenuator								
Steel/Timber	70%	2-4	\$43,500	2046	**	5	\$11,500	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Splash Zone And Tidal Zone</i>								
<i>Loose Connections, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Lower Connections At 100% Of Timbers Throughout Wavescreen</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Splash Zone On Steel Elements</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Broken</i>								
Not Accessible	30%							
Deck Elements								
Railing								
Aluminum	100%			2025	\$11,200			
Movable Ramps								
Deck and Railing								
Aluminum	50%	0-2	\$40,100	2041	**			
<i>Corrosion, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Hoist Pulley System</i>								
<i>Cracked Weld, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Hoist Pulley System</i>								
<i>Loose Connections, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Connection To Dock</i>								
Aluminum	50%			2035	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : SOUNDVIEW PARK KAYAK AND CANOE LAUNCH  
**Address** : BRONX RIVER OBRIEN AVE AT LELAND AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0001.020 / 14813 **Yr Built/Renovated** :  
**Area Sq Ft** : 350 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Dec-2015 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3451 **Lot** : 34 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2020	FY 2021	FY 2022	FY 2023
Marinas/Docks	\$1,900	\$200	\$4,700	
<b>Total</b>	<b>\$1,900</b>	<b>\$200</b>	<b>\$4,700</b>	
Importance Code A	\$1,000	\$200		
Importance Code B	\$900		\$4,700	
<b>Total</b>	<b>\$1,900</b>	<b>\$200</b>	<b>\$4,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**SOUNDVIEW PARK KAYAK AND CANOE LAUNCH**

**Asset # : 14813**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Access Walkways</b>								
<b>Deck</b>								
	Concrete	85%			2036	**	5	\$400
	Concrete	15%	4+	\$1,000	2036	**	5	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Beneath Southwest Corner Of Slab</i>								
<i>Explanation : Undermining</i>								
<hr/>								
<b>Launch/Haulout</b>								
<b>Ramp</b>								
	Concrete	90%			2047	**	5-10	\$9,300
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Connecting Bolts And Tabs</i>								
<i>Explanation : Corrosion</i>								
	Concrete	10%	4+	\$900	2047	**	5	\$500
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Top Of Ramp</i>								
<i>Explanation : Missing Treads</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 25-Oct-2018

**DEPT. OF PARKS & RECREATION - FY 2019**

**Asset Name** : **WORLDS FAIR MARINA #1 PIERS 2 AND 3**  
**Address** : **FLUSHING BAY**  
**Borough** : **QUEENS** **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0135.000 / 13600** **Yr Built/Renovated** : **1964 /**  
**Area Sq Ft** : **45,000** **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **12-Dec-2014** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>	<b>FY 2024 - 2029</b>
Marinas/Docks	\$1,538,800	\$1,551,900
<b>Total</b>	<b>\$1,538,800</b>	<b>\$1,551,900</b>
Importance Code A	\$1,538,800	\$1,272,100
Importance Code B		\$279,900
<b>Total</b>	<b>\$1,538,800</b>	<b>\$1,551,900</b>

<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Marinas/Docks	\$63,200	\$13,800	\$49,000	\$9,500
<b>Total</b>	<b>\$63,200</b>	<b>\$13,800</b>	<b>\$49,000</b>	<b>\$9,500</b>
Importance Code A	\$22,600	\$12,800	\$35,600	\$4,900
Importance Code B	\$40,600	\$1,000	\$13,400	\$4,600
<b>Total</b>	<b>\$63,200</b>	<b>\$13,800</b>	<b>\$49,000</b>	<b>\$9,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #1 PIERS 2 AND 3**  
**Asset # : 13600**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2021	\$196,100	5	\$5,700	
<i>Aging, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Pier 2</i>								
Gangways								
Steel	50%			2036	**	1-3	\$3,200	
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Pier 3</i>								
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Timber Walking Surface</i>								
<i>Explanation : Aging</i>								
Steel	50%	Now	\$12,600	2056	**	1-3	\$3,200	
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Pier 2</i>								
Pile Caps								
Timber	100%			2046	**	4	\$3,700	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Piles and Bracing								
Timber	40%	2-4	\$10,700	2056	**	4-5	\$5,800	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 2 Piles On Pier 2 Access Walkway</i>								
Timber	40%			2036	**	4-5	\$11,300	
Not Accessible	20%							
Floating Docks								
Anchor Piles								
Timber	50%			2024	\$275,500	4-5	\$36,100	
<i>Abrasion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Tidal Zone</i>								
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Timber	25%			2020	\$137,800	4-5	\$18,100	
<i>Worn, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pier 2</i>								
Not Accessible	25%							
Deck								
Timber	32%	Now	\$159,000	2026	\$159,000	5	\$29,000	
<i>Broken, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Displaced Section On Main Float Of Pier 3</i>								
<i>Missing Components, Extent : Severe, Area Affected : 95%</i>								
<i>Location : All Of Pier 2 Floats</i>								
Timber	68%			2024	\$338,000	5	\$123,400	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #1 PIERS 2 AND 3**  
**Asset # : 13600**

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								
Floats/Frames								
Polyethylene	5%	0-2	\$118,500	2031	**	1-5	\$9,300	
	<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>							
	<i>Location : Isolated Floats At Pier 3</i>							
	<i>Explanation : Listing</i>							
Polyethylene	30%	Now	\$711,100	2036	**	1-5	\$55,600	
	<i>Missing Components, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : All Of Pier 2 Floats</i>							
Not Accessible	65%							
Mooring Piles								
Timber	60%			2027	\$279,900	4-5	\$33,800	
Timber	10%	2-4	\$28,000	2031	**	4-5	\$3,400	
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Tidal Zone</i>							
Not Accessible	30%							
Launch/Haulout								
Piles and Bracing								
Timber	45%			2046	**	4	\$2,700	
Timber	45%	4+	\$81,400	2046	**	4	\$2,700	
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Tidal Zone</i>							
Not Accessible	10%							
Runway								
Steel	100%	4+	\$95,000	2056	**	5	\$2,800	
	<i>Corrosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout With Temporary Plate Repairs</i>							
Protective Structure								
Wave Attenuator								
Concrete	50%			2031	**	10		
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Tidal Zone</i>							
	<i>Explanation : Aging</i>							
Steel/Timber	25%			2046	**	5	\$79,800	
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Steel Pipe Piles</i>							
Not Accessible	25%							
Electrical								
Conduit								
PVC	10%			2022	\$7,700			
Not Accessible	90%							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2024	\$336,300			
Mech./Plumbing								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #1 PIERS 2 AND 3**  
**Asset # : 13600**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Mech./Plumbing	Sanitary Piping							
	PVC	10%		2022				
	Not Accessible	90%						
	Water Supply							
	PVC	10%		2022	\$19,800			
	Not Accessible	90%						

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**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #2 PIER 1**  
**Asset # : 13601**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2020	\$5,939,300	5	\$172,100	
<i>Aging, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Isolated</i>								
Gangways								
Aluminum	5%	0-2	\$7,800	2052	**	1-3	\$1,800	
<i>Loose Connections, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Damaged Connections To Dock At 2 Northern Docks</i>								
Aluminum	90%			2046	**	1-3	\$32,900	
Timber	5%			2021	\$4,900	1-3	\$700	
<i>Rotting/Splitting, Extent : Light, Area Affected : 100%</i>								
<i>Location : Gangway To Dock B</i>								
Pile Caps								
Timber	100%			2036	**	4	\$167,700	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Surface Corrosion Of Steel Pile Caps</i>								
<i>Explanation : Corrosion</i>								
Piles and Bracing								
Timber	40%	4+	\$968,600	2056	**	4-5	\$176,400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Tidal Zone</i>								
<i>Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Tidal Zone</i>								
Timber	10%	Now	\$242,200	2056	**	4-5	\$44,100	
<i>Displaced Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Isolated Missing Piles</i>								
<i>Missing Components, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Timber Bracing</i>								
<i>Rotting/Splitting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Timber Bracing</i>								
Not Accessible	50%							
Fender Piles, Wales and Cho								
Timber	50%	Now	\$190,000	2041	**	3	\$145,100	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Timber	25%	0-2	\$95,000	2041	**	3	\$72,500	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	25%							
Floating Docks								

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**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #2 PIER 1**  
**Asset # : 13601**

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								
Anchor Piles								
Steel	15%			2046	**	3-5	\$26,700	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Mhw</i>								
Timber	15%	Now	\$14,000	2031	**	4-5	\$3,400	
<i>Missing Components, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Ends Of Fingers</i>								
<i>Rotting/Splitting, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Above Mlw</i>								
Timber	45%			2024	\$140,500	4-5	\$18,400	
Not Accessible	25%							
Deck								
Timber	95%			2024	\$278,100	5	\$101,500	
Timber	5%	0-2	\$14,600	2026	\$14,600	5	\$2,700	
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Northern End Of Dock B</i>								
<i>Surface Wearing/Scaling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Fuel Dock</i>								
Floats/Frames								
Polyethylene	5%	Now	\$69,800	2036	**	1-5	\$5,500	
<i>Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Dock B And Fuel Dock</i>								
Not Accessible	95%							
Mooring Piles								
Timber	65%			2027	\$199,000	4-5	\$24,000	
Timber	5%	Now	\$6,100	2031	**	4-5	\$1,100	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At Finger Docks Mostly In Dock B</i>								
Not Accessible	30%							
Electrical								
Conduit								
PVC	10%			2022	\$7,600			
Not Accessible	90%							
Lighting Fixture								
Sodium	100%			2020	\$62,700			
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2024	\$135,900			
Mech./Plumbing								
Sanitary Piping								
PVC	30%			2022	\$7,000			
Not Accessible	70%							
Water Supply								
PVC	10%			2022	\$12,900			
Not Accessible	90%							

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**DEPT. OF PARKS & RECREATION - 846**

**Project : PARKS AND RECREATION**

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>		<b>FY 2024 - 2029</b>	
Miscellaneous Buildings	44,065,300		13,810,600	
<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Miscellaneous Buildings	1,897,000	483,100	956,200	674,700

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
266	VAN CORTLANDT PARK CART STORAGE - 0018	750	46,600	1,900
267	VAN CORTLANDT PARK WOODLAWN COMFORT STATION - 0019	400	0	19,900
275	VAN CORTLANDT PARK MAINTENANCE STORAGE - 0017	1,824	113,400	4,700
282	VAN CORTLANDT PARK PUMP HOUSE - 0013	169	0	8,400
283	VAN CORTLANDT PARK MOSHOLU CLUBHOUSE - 0014	6,144	382,000	15,800
284	VAN CORTLANDT PARK CONCESSION STAND - 0015	396	0	19,700
285	VAN CORTLANDT PARK GOLF COMFORT STATION - 0016	550	20,400	6,900
286	CENTRAL PARK ARCH I - 256	4,000	248,700	10,300
287	CENTRAL PARK ARCH B - 249	4,000	248,700	10,300
288	CENTRAL PARK ARCH C - 250	4,000	248,700	10,300
289	CENTRAL PARK ARCH D - 251	4,000	248,700	10,300
290	CENTRAL PARK BRIDGE GILL (21) - 122	4,000	248,700	10,300
291	CENTRAL PARK BRIDGE GILL 22T - 123	4,000	248,700	10,300
292	CENTRAL PARK BRIDGE, AZALEA POND - 124	4,000	248,700	10,300
293	CENTRAL PARK PEDESTRIAN BRIDGE - 186A	4,000	248,700	10,300
294	CENTRAL PARK FOOT BRIDGE - 226A	4,000	248,700	10,300
295	CENTRAL PARK RUSTIC BRIDGE (32) - 230	4,000	248,700	10,300
305	SILVER LAKE PARK STORAGE BUILDING	773	48,100	2,000
306	CENTRAL PARK DUCK POND BRIDGE - 012S	4,000	248,700	10,300
307	CENTRAL PARK ZOO - CHILDREN'S ZOO AND ADMIN.	6,100	379,300	15,700
308	CENTRAL PARK ARCH E - 252	4,000	248,700	10,300
309	CENTRAL PARK ARCH F - 253	4,000	248,700	10,300
310	CENTRAL PARK ARCH G - 254	4,000	248,700	10,300
560	PLAYGROUND AND POOL WADING POOL	682	42,400	1,800
561	WAGNER HOUSES POOL INTERMEDIATE POOL	4,500	279,800	11,600
562	WAGNER HOUSES POOL WADING POOL	576	21,400	7,300
563	TREMONT PARK STORAGE BUILDING	1,380	85,800	3,500
573	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	1,600	99,500	4,100
574	CARL SCHURZ PARK SHED	184	0	9,100
575	CARL SCHURZ PARK GUARDHOUSE	75	0	3,700
576	CARL SCHURZ PARK GUARDHOUSE	48	0	2,400
579	EAST RIVER PARK MULTIPURPOSE BUILDING	4,216	262,100	10,800

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
580	EAST RIVER PARK COMFORT STATION	1,104	68,600	2,800
581	SHELTERING ARMS PARK INDOOR POOL	4,560	283,500	11,700
582	SHELTERING ARMS PARK WADING POOL	600	37,300	1,500
583	PLAYGROUND AND POOL SZOLD POOL, INTERMEDIATE	4,621	287,300	11,900
593	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	2,128	132,300	5,500
594	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	1,600	99,500	4,100
614	KISSENA PARK PUMPHOUSE - 04	600	37,300	1,500
615	KISSENA PARK COMFORT STATION	1,664	103,500	4,300
616	ALLEY POND PARK COMFORT STATION ALLEY SPRINGFIELD PLAYGROUND	1,000	62,200	2,600
617	ALLEY POND ATHLETIC PARK TENNIS BLDG - 02	2,106	130,900	5,400
623	PROSPECT PARK WELL HOUSE - 014C	945	58,800	2,400
624	PROSPECT PARK CHILDRENS FARM - 015A	5,820	361,800	15,000
625	PROSPECT PARK COMFORT AND STORAGE - 015G	1,030	64,000	2,600
626	PROSPECT PARK GRECIAN PILLARS - 015J	400	0	19,900
627	CUNNINGHAM PARK PRE-SCHOOL BUILDING - 0005	2,132	132,600	5,500
628	CUNNINGHAM PARK COMFORT STATION - 0006	936	58,200	2,400
629	CUNNINGHAM PARK COMFORT STATION - 0007	1,100	68,400	2,800
630	KISSENA PARK PLAYSCHOOL AND COMFORT STATION	3,216	200,000	8,300
631	KISSENA PARK STORAGE - 02	1,080	67,100	2,800
632	KISSENA PARK CLUBHOUSE - 03	5,040	313,400	13,000
633	FORT TRYON PARK COTTAGE - 07	1,728	107,400	4,400
634	FORT TRYON PARK GAZEBO - 08	656	40,800	1,700
635	FORT TRYON PARK COTTAGE - 09	172	0	8,500
636	PROSPECT PARK GAZEBO - 0062	64	0	3,200
637	PROSPECT PARK GAZEBO - 0065	64	0	3,200
638	PROSPECT PARK GAZEBO - 0066	400	0	19,900
639	PROSPECT PARK GUARD HOUSE - 0067	36	0	1,800
640	PROSPECT PARK LINCOLN COMFORT STATION - 009A	630	39,200	1,600
641	PROSPECT PARK COMFORT STATION - 010A	480	17,800	6,100
643	PELHAM BAY PARK LOCKER TRAILER - 0021	720	44,800	1,900
644	PELHAM BAY PARK RODMAN ARSENAL - 0022	1,560	97,000	4,000
645	PELHAM BAY PARK COMFORT STATION - 0023	813	50,500	2,100
646	PELHAM BAY PARK RODMAN MESS HALL - 0024	4,920	305,900	12,600
647	VEST POCKET POOL (FISHER) FISHER POOL, INTERMEDIATE	4,636	288,200	11,900
648	VEST POCKET POOL (FISHER) WADING POOL	625	38,900	1,600
649	BATTERY PARK MULTIPURPOSE BLDG. ADMIN AND LOCKERS	1,132	70,400	2,900
650	BATTERY PARK COMFORT STATION	573	21,300	7,200

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
651	BATTERY PARK THE BEER GARDEN	220	0	10,900
652	FORT TRYON PARK FIELD HOUSE BLDG D - 0005	1,428	88,800	3,700
653	FORT TRYON PARK COMFORT STATION AND STORAGE-002A	1,680	104,500	4,300
654	PS 129 MAPES POOL WADING POOL	626	38,900	1,600
656	SILVER LAKE PARK STORAGE BUILDING	418	15,500	5,300
657	SILVER LAKE PARK PUMP HOUSE	83	0	4,100
658	PELHAM BAY PARK PELHAM MAINTENANCE - 0013	2,660	165,400	6,800
659	PELHAM BAY PARK H. JOHNSON DISTRICT OFFICE-0014	2,612	162,400	6,700
660	PELHAM BAY PARK COMFORT STATION - 0015	600	37,300	1,500
661	PELHAM BAY PARK HORSE STABLE - 0016	2,976	185,000	7,700
662	PELHAM BAY PARK PELHAM BIT STABLES - 0017	7,328	455,600	18,800
663	PELHAM BAY PARK RODMAN CLASSROOM - 0019	3,200	198,900	8,200
664	PELHAM BAY PARK N.Y. HOUSING TRAILER - 0020	720	44,800	1,900
669	VAN CORTLANDT PARK CHEMICAL STORAGE - 0021	540	20,000	6,800
671	VAN CORTLANDT PARK V.C. GOLF STORAGE - 0023	1,440	89,500	3,700
672	WILLIAMSBRIDGE PLAYGROUND HISTORICAL HOUSE	4,554	283,100	11,700
673	HAFEN PARK INTERMEDIATE POOL	4,575	284,400	11,800
674	HAFEN PARK WADING POOL	625	38,900	1,600
676	PS 129 MAPES POOL PS 129 MAPES POOL, INTERMEDIATE	4,914	305,500	12,600
700	BUSHWICK HOUSES PLAYGRND/ POOL WADING POOL	600	37,300	1,500
701	KOSCIUSKO POOL WADING POOL	1,392	86,500	3,600
718	FOREST PARK OLD STORAGE TRAILER - 24	420	15,600	5,300
719	FOREST PARK DRY HARBOR PLGD. DAY CARE AND COMFORT STATION	3,392	210,900	8,700
720	FOREST PARK TENNIS HOUSE - 26	1,625	101,000	4,200
721	FOREST PARK TENNIS STARTERS BOOTH - 27	42	0	2,100
722	JUNIPER VALLEY PARK COMFORT STATION - 01	878	54,600	2,300
723	JUNIPER VALLEY PARK OFFICE AND COMFORT STA - 02	3,990	248,100	10,300
725	ASTORIA PARK COMFORT STATION	676	42,000	1,700
726	ASTORIA PARK LIFE GUARD STATION	375	0	18,600
727	SOUNDVIEW PARK COMFORT STATION	600	37,300	1,500
728	BRONX PARK BRONX ZOO COMFORT STATION-0001	400	0	19,900
738	FOREST PARK GREENHOUSE OFFICE - 20	784	48,700	2,000
739	FOREST PARK POLYHOUSE - 22	1,920	119,400	4,900
741	PELHAM BAY PARK HOUSE OF CORR. CLASSROOM-0034	2,160	134,300	5,600
742	PELHAM BAY PARK BOY SHOOTING RANGE - 0035	3,225	200,500	8,300
743	PELHAM BAY PARK ADAM FIRING RANGE - 0036	1,260	78,300	3,200
744	PELHAM BAY PARK CLASSROOM #2 - 0025	1,000	62,200	2,600

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
745	PELHAM BAY PARK #3 OFFICE AND STORAGE - 0027	1,000	62,200	2,600
746	PELHAM BAY PARK #4 CLASSROOM - 0028	1,000	62,200	2,600
747	PELHAM BAY PARK #5 CLASSROOM - 0029	1,000	62,200	2,600
748	PELHAM BAY PARK #6 HOUSE OF CORR. CLASSROOM-0030	1,000	62,200	2,600
761	PELHAM BAY PARK #14 WORKSHOP - 0031	3,040	189,000	7,800
762	PELHAM BAY PARK #9 CLASSROOM - 0032	2,000	124,300	5,100
763	PELHAM BAY PARK #10 CLASSROOM/STRG - 0033	1,710	106,300	4,400
765	RIVERSIDE PARK COMFORT STATION @TENNIS COURT	437	16,200	5,500
766	HIGHBRIDGE PARK COMFORT STATION - 030	400	0	19,900
767	HIGHBRIDGE PARK COMFORT STATION - 040	1,812	112,700	4,700
768	CUNNINGHAM PARK EXPEDITORS OFFICE - 0001	400	0	19,900
769	CUNNINGHAM PARK GARAGE OFFICE AND REPAIR - 0002	7,016	436,200	18,000
776	RIVERSIDE PARK COMFORT STATION @RIVERBANK PLAYGROUND	400	0	19,900
777	CENTRAL PARK MAINTENANCE OFFICE (WEST) - 162D	2,421	150,500	6,200
778	CENTRAL PARK MODEL BOATHOUSE - 023	2,412	150,000	6,200
779	CENTRAL PARK BLOCK HOUSE - 242	400	0	19,900
780	CENTRAL PARK UTILITY BUILDING - 188A	48	0	2,400
781	CENTRAL PARK NORTH GATE HOUSE (RES.) - 184	648	40,300	1,700
782	RIVERSIDE PARK TENNIS BLDG CLAY TENNIS COURTS	108	0	5,400
783	RIVERSIDE PARK STORAGE ROTUNDA FIELD HOUSE	2,123	132,000	5,500
786	RIVERSIDE PARK PETER JAY SHARP VOLUNTEER HOUSE	1,560	97,000	4,000
788	CENTRAL PARK ZOO - VISITOR SERVICES	2,220	138,000	5,700
789	CENTRAL PARK ZOO - SCHOOL BUILDING	3,700	230,000	9,500
790	CENTRAL PARK ZOO - GIFT SHOP	3,700	230,000	9,500
791	CENTRAL PARK ZOO - ADMIN BUILDING	2,464	153,200	6,300
792	CENTRAL PARK THE DAIRY VISITOR CENTER - 018	2,890	179,700	7,400
793	CENTRAL PARK CONCESSION AND COMFORT ST. - 219	1,476	91,800	3,800
795	CENTRAL PARK NEWS STAND - 040	288	0	14,300
798	CENTRAL PARK COMFORT ST. AND STORAGE - 236A	441	16,400	5,600
799	FLUSHING MEADOWS CORONA PARK ZOO-COMFORT STATION	1,350	83,900	3,500
800	FLUSHING MEADOWS CORONA PARK ZOO - CONCESSION	2,980	185,300	7,700
801	FLUSHING MEADOWS CORONA PARK ZOO - BISON SHELTER	1,060	65,900	2,700
802	FLUSHING MEADOWS CORONA PARK ZOO - ZOO ADMINISTRATION	6,208	386,000	16,000

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
803	FLUSHING MEADOWS CORONA PARK ZOO - BEAR DENS	1,092	67,900	2,800
804	CENTRAL PARK BLOCK HOUSE - 169A	81	0	4,000
805	CENTRAL PARK SWEDISH HOUSE - 158	3,393	210,900	8,700
808	FLUSHING MEADOWS CORONA PARK ZOO - DRESSING ROOM BLDG #2	2,048	127,300	5,300
809	FLUSHING MEADOWS CORONA PARK OLMSTED RECORD AND STORAGE	406	15,100	5,100
813	FLUSHING MEADOWS CORONA PARK ZOO - ZOO ENTRANCE	308	0	15,300
816	FLUSHING MEADOWS CORONA PARK AVIARY ANCILLARY/SERV ENT	586	21,700	7,400
817	FLUSHING MEADOWS CORONA PARK ZOO - SEA LION DENS	1,056	65,700	2,700
818	FLUSHING MEADOWS CORONA PARK ZOO - EAGLE EXHIBIT	1,600	99,500	4,100
819	FLUSHING MEADOWS CORONA PARK OBSERVATION TOWER - 0060	600	37,300	1,500
820	PROSPECT PARK PUMP HOUSE - 001A	210	0	10,400
821	PROSPECT PARK SHELTER GRECIAN - 0029	2,838	176,500	7,300
822	PROSPECT PARK COMFORT STATION - 0042	1,782	110,800	4,600
823	FLUSHING MEADOWS CORONA PARK ZOO - DRESSING ROOM BLDG #1	2,048	127,300	5,300
824	FLUSHING MEADOWS CORONA PARK ZOO - ELK GAZEBO	729	45,300	1,900
825	FLUSHING MEADOWS CORONA PARK COMFORT STATION @ MAURO PLGD	400	0	19,900
826	FLUSHING MEADOWS CORONA PARK AMPITHEATRE CONCESSION - 0045	352	0	17,500
828	MORNINGSIDE PARK COMFORT STATION / OFFICE	2,891	179,700	7,400
829	MORNINGSIDE PARK COMFORT STATION	400	0	19,900
831	MARCUS GARVEY MEMORIAL PARK SOUND BOOTH BLDG.	250	0	12,400
832	FLUSHING MEADOWS CORONA PARK ZOO - SEA LION EXHIBIT	1,250	77,700	3,200
833	FLUSHING MEADOWS CORONA PARK ZOO - BISHON EXHIBIT	7,200	447,600	18,500
834	FLUSHING MEADOWS CORONA PARK ZOO - CRANE/ ALLIGATOR EXHIBIT	2,800	174,100	7,200
835	FLUSHING MEADOWS CORONA PARK ZOO - PUDU EXHIBIT	2,000	124,300	5,100
836	FLUSHING MEADOWS CORONA PARK ZOO - BEAR EXHIBIT	1,200	74,600	3,100
837	PELHAM BAY PARK CONCESSION - 0044	420	15,600	5,300
838	PELHAM BAY PARK BUS TERMINAL - 0045	1,800	111,900	4,600
839	PELHAM BAY PARK CONCESSION - 0047	420	15,600	5,300
840	PELHAM BAY PARK ELECTRICAL STORAGE - 0048	420	15,600	5,300
841	PELHAM BAY PARK REGATTA TOWER - 0049	720	44,800	1,900

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
845	HAMILTON FISH PARK COMFORT STATION	1,027	63,800	2,600
847	METROPOLITAN BATH/ INDOOR POOL METROPOLITAN INDOOR POOL	2,250	139,900	5,800
848	SUNSET PARK COMFORT STATION	900	56,000	2,300
850	BROOKLYN WAR MEMORIAL COMFORT STATION	680	42,300	1,700
851	BROOKLYN WAR MEMORIAL COMFORT STATION	600	37,300	1,500
852	PELHAM BAY PARK CHARLIE FIRING RANGE - 0037	3,225	200,500	8,300
853	PELHAM BAY PARK DAVID FIRING RANGE - 0038	1,650	102,600	4,200
854	PELHAM BAY PARK EDWARD FIRING RANGE - 0039	1,650	102,600	4,200
855	PELHAM BAY PARK FRANK FIRING RANGE - 0040	1,650	102,600	4,200
856	PELHAM BAY PARK BOMB SQUAD - 0041	1,800	111,900	4,600
857	PELHAM BAY PARK RANGER AND COMFORT STATION -0042	2,040	126,800	5,200
858	PELHAM BAY PARK ELECTRICAL STORAGE - 0043	420	15,600	5,300
862	FDR BOARDWALK AND BEACH SOUTH BEACH PUMP HOUSE	529	19,600	6,700
863	SOUTH SHORE COUNTRY CLUB MAINTENANCE SHED	3,200	198,900	8,200
864	SOUTH SHORE COUNTRY CLUB PUMPHOUSE	256	0	12,700
865	TOTTENVILLE POOL JOLINE POOL, INTERMEDIATE	4,800	298,400	12,300
866	TOTTENVILLE POOL SMALL POOL	676	42,000	1,700
867	COMMODORE JOHN BARRY PARK WADING POOL	784	48,700	2,000
868	MCCARREN PARK BATHHOUSE	2,834	176,200	7,300
911	FOREST PARK TRANSFORMER BUILDING - 17	100	0	5,000
912	FOREST PARK CONCESSION - 18	912	56,700	2,300
923	FLUSHING MEADOWS CORONA PARK OFFICE AND COMFORT STATION	2,614	162,500	6,700
924	FOREST PARK GREENHOUSE STORAGE - 19	270	0	13,400
925	FOREST PARK JACKSON POND PLGD RECREATION CTR AND COMFORT STA	2,140	133,000	5,500
926	FOREST PARK REC STORAGE SHED - 05	320	0	15,900
927	FOREST PARK GREENHOUSE REC AND COMFORT - 06	2,430	151,100	6,200
929	FOREST PARK GOLF STORAGE - 08	125	0	6,200
930	FOREST PARK GOLF MAINTENANCE - 09	1,242	77,200	3,200
931	FOREST PARK PUMP HOUSE - 10	320	0	15,900
932	FOREST PARK METAL STORAGE - 15	5,813	361,400	14,900
933	FOREST PARK ENGINEERS OFFICE - 16	769	47,800	2,000
934	FLUSHING MEADOWS CORONA PARK ZOO - EDUC. BARN ENTR BOOTH	36	0	1,800
935	FLUSHING MEADOWS CORONA PARK ZOO - GOOSE SHED	60	0	3,000
936	FLUSHING MEADOWS CORONA PARK ZOO - DUCK SHED	90	0	4,500
937	FLUSHING MEADOWS CORONA PARK ZOO - COYOTEDEN	600	37,300	1,500

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
938	FLUSHING MEADOWS CORONA PARK COMFORT STATION - 0028	666	41,400	1,700
939	FLUSHING MEADOWS CORONA PARK ALLIED CREWS STORAGE III	1,271	79,000	3,300
940	FLUSHING MEADOWS CORONA PARK COMFORT STATION - 0030	400	0	19,900
941	FLUSHING MEADOWS CORONA PARK COMFORT STATION - 0034	400	0	19,900
942	FLUSHING MEADOWS CORONA PARK BOATHOUSE AND BIKE RENTAL- 0036	2,160	134,300	5,600
943	PROSPECT PARK ZOO - SEA LION AREA	3,864	240,200	9,900
944	PROSPECT PARK ZOO - WORLD OF ANIMALS	7,362	457,700	18,900
945	PROSPECT PARK ZOO - ANIMAL LIFE STYLES	9,371	582,600	24,100
946	PROSPECT PARK ZOO - ANIMALS IN OUR LIFES	7,362	457,700	18,900
947	PROSPECT PARK ZOO - ORIENTATION BLDG.	2,100	130,600	5,400
948	PROSPECT PARK ZOO - ANIMAL HOLDING	10,324	641,900	26,500
949	PROSPECT PARK ZOO - EXIT PAVILION	380	0	18,900
950	PROSPECT PARK ZOO - ENTRANCE PAVILION	380	0	18,900
951	PROSPECT PARK ZOO - GATE HOUSE	43	0	2,100
952	PROSPECT PARK ZOO - BARN	2,442	151,800	6,300
953	PROSPECT PARK ZOO - EMU/ WALLABY HOLDING	756	47,000	1,900
954	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	920	57,200	2,400
955	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	925	57,500	2,400
956	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	916	57,000	2,400
957	ROCKAWAY BEACH AND BOARDWALK GARAGE	2,445	152,000	6,300
960	HOWARD HOUSE PLAYGROUND AND POOL HOWARD HOUSES POOL, INTERMEDIATE	4,867	302,600	12,500
961	HOWARD HOUSE PLAYGROUND AND POOL WADING POOL	686	42,600	1,800
964	BUSHWICK HOUSES PLAYGRND/ POOL INTERMEDIATE POOL	4,500	279,800	11,600
966	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - CHICKEN COOP	120	0	6,000
967	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - SHEEP SHED	120	0	6,000
976	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - MAINTENANCE	992	61,700	2,600
984	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - FARM HOUSE	798	49,600	2,100
985	FLUSHING MEADOWS CORONA PARK CHILDREN FARM- EDU. BARN/SILO	2,960	184,000	7,600
986	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - LLAMA BARN	723	45,000	1,900
1028	CENTRAL PARK RUSTIC STONE ARCH - 126	4,000	248,700	10,300

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1029	CENTRAL PARK RUSTIC BRIDGE (30) - 223	4,000	248,700	10,300
1030	CENTRAL PARK BRIDGE 28 - 183	4,000	248,700	10,300
1031	CENTRAL PARK BRIDGE 27 - 182	4,000	248,700	10,300
1032	CENTRAL PARK BRIDAL PATH BRIDGE - 180	4,000	248,700	10,300
1033	CENTRAL PARK PINE BANK ARCH - 043	4,000	248,700	10,300
1034	CENTRAL PARK RUSTIC STONE ARCH - 186	4,000	248,700	10,300
1035	CENTRAL PARK ARCHWAY A -248	4,000	248,700	10,300
1041	CENTRAL PARK ARCH H - 255	4,000	248,700	10,300
1042	RIVERSIDE PARK COMFORT STATION @TEN MILE RIVER PLAYGROUND	1,135	70,600	2,900
1043	RIVERSIDE PARK COMFORT STATION @CLAREMONT PLAYGROUND	400	0	19,900
1044	RIVERSIDE PARK COMFORT STATION @PARK HOUSE	740	46,000	1,900
1047	RIVERSIDE PARK COMFORT STATION @NEUFELD PLAYGROUND	400	0	19,900
1048	CENTRAL PARK ENTRANCE BRIDGE - 46C	4,000	248,700	10,300
1049	CENTRAL PARK ENTRANCE BRIDGE - 046B	4,000	248,700	10,300
1050	CENTRAL PARK MARBLE ARCH BRIDGE - 046A	4,000	248,700	10,300
1052	CENTRAL PARK ARCH J - 257	4,000	248,700	10,300
1058	RIVERSIDE PARK 79TH ST. MARINA - 0007	768	47,800	2,000
1059	RIVERSIDE PARK SOLDIERS / SAILORS MEMORIAL BLDG	1,963	122,100	5,000
1060	RIVERSIDE PARK GREECIAN PAVILION - 0028	1,400	87,000	3,600
1061	RIVERSIDE PARK COMFORT STATION @DINOSAUR PARK	442	16,400	5,600
1062	RIVERSIDE PARKS ENFORCEMENT BLDG	1,620	100,700	4,200
1105	VAN CORTLANDT PARK VC SO. COMFORT STATION - 0010	400	0	19,900
1114	VAN CORTLANDT PARK TENNIS COMFORT STATION - 0011	400	0	19,900
1117	ST. MARY'S PARK CHILDCARE BUILDING	1,278	79,500	3,300
1118	ST. MARY'S PARK COMFORT STATION	1,604	99,700	4,100
1119	ST. MARY'S PARK SHED	100	0	5,000
1120	VAN CORTLANDT PARK ROCKWOOL COMFORT STATION - 0003	600	37,300	1,500
1121	VAN CORTLANDT PARK MANSION COMFORT STATION - 0005	2,176	135,300	5,600
1123	VAN CORTLANDT PARK CLUBHOUSE AND RANGER STA. - 0008	9,290	577,600	23,900
1124	VAN CORTLANDT PARK GOLF MAINTENANCE - 0009	968	60,200	2,500
1127	PELHAM BAY PARK OFFICE AND GARAGE BLDG - 0001	7,579	471,200	19,500
1128	PELHAM BAY PARK TRACTOR STORAGE - 0002	8,400	522,300	21,600
1129	PELHAM BAY PARK SHOP STORAGE MATERIALS - 0003	4,372	271,800	11,200

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1130	PELHAM BAY PARK TURTLE COVE CONCESSION - 0004	2,130	132,400	5,500
1131	PELHAM BAY PARK BARTOW CARRIAGE HOUSE - 0006	2,591	161,100	6,700
1132	PELHAM BAY PARK CART STORAGE - 0008	2,880	179,100	7,400
1133	PELHAM BAY PARK CART UTILITY - 0009	1,000	62,200	2,600
1134	PELHAM BAY PARK COURSE CONCESSION - 0010	1,070	66,500	2,800
1135	PELHAM BAY PARK SPLIT ROCK PUMP HOUSE - 0011	560	20,800	7,100
1136	PELHAM BAY PARK PELHAM PUMP HOUSE - 0012	224	0	11,100
1137	PROSPECT PARK TOLL GATE - 0050	24	0	1,200
1139	PROSPECT PARK SHELTER AT GATE - 0047	779	48,400	2,000
1144	PROSPECT PARK GATEHOUSE - 0058	24	0	1,200
1145	PROSPECT PARK GATEHOUSE - 0059	24	0	1,200
1146	PROSPECT PARK GATEHOUSE - 0060	24	0	1,200
1147	PROSPECT PARK GATEHOUSE - 0061	24	0	1,200
1148	HIGHLAND PARK COMFORT STATION - 02	640	39,800	1,600
1149	HIGHLAND PARK COMMUNITY GARDEN BUILDING	252	0	12,500
1151	CENTRAL PARK CONCESSION STAND - 218	196	0	9,700
1152	CENTRAL PARK CONCESSION BUILDING - 216	196	0	9,700
1153	CENTRAL PARK CONCESSION STAND - 0987	252	0	12,500
1155	CENTRAL PARK CHESS AND CHECKERS BLDG - 019	722	44,900	1,900
1156	CENTRAL PARK BOATHOUSE EAST - 217	1,920	119,400	4,900
1157	CENTRAL PARK BOATHOUSE (MODEL BOATS) - 098	4,982	309,700	12,800
1158	PROSPECT PARK SHELTER - 0048	403	0	20,000
1159	BRONX PARK WARING COMFORT STATION - 0004	600	37,300	1,500
1160	BRONX PARK ABRAMS COMFORT STATION - 0005	450	16,700	5,700
1161	BRONX PARK BRADY COMFORT STATION - 0006	288	0	14,300
1163	MARINE PARK GOLF COURSE STORAGE AND MAINT BLDG	3,421	212,700	8,800
1164	DYKER BEACH PARK COMFORT STATION AND STORE - 03A	585	21,700	7,400
1165	INWOOD HILL PARK ADMINISTRATION BUILDING - 0005	2,807	174,500	7,200
1166	INWOOD HILL PARK EVAN FRANKLIN BOAT HOUSE - 0007	709	44,100	1,800
1168	INWOOD HILL PARK COMFORT STATION	1,036	64,400	2,700
1169	HIGHLAND PARK COMFORT STATION	920	57,200	2,400
1179	BRONX PARK ROSEWOOD COMFORT STATION - 0003	600	37,300	1,500
1766	PROSPECT PARK SHELTER AT GATE - 047A	779	48,400	2,000
1767	PROSPECT PARK ZOO - ADMINISTRATION BLDG.	9,170	570,100	23,600
1768	PROSPECT PARK ZOO - REFRESHMENT STAND	4,052	251,900	10,400
1779	RUFUS KING PARK COMFORT AND STORAGE BLDG.	2,080	129,300	5,300
1780	LIBERTY PARK TOT POOL	600	37,300	1,500
1781	LIBERTY PARK WADING POOL	2,204	137,000	5,700

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1782	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	7,174	446,000	18,400
1783	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	1,224	76,100	3,100
1784	DOUGLASTON PARK GOLF COURSE STORAGE BLDG.	1,800	111,900	4,600
1785	PROSPECT PARK PAVILION - 016A	2,136	132,800	5,500
1786	PROSPECT PARK ZOO - ENTRANCE TO ZOO	400	0	19,900
1788	PROSPECT PARK COMFORT STATION AND STORAGE-020A	1,656	103,000	4,300
1789	PROSPECT PARK GUARD SHACK - 025I	80	0	4,000
1801	CLEARVIEW PARK AND GOLF COURSE GOLF CARTSHED	2,886	179,400	7,400
1802	CLEARVIEW PARK AND GOLF COURSE SHED	1,089	67,700	2,800
2610	TREMONT PARK COMFORT STATION	441	16,400	5,600
2611	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	2,300	143,000	5,900
2639	CLEARVIEW PARK AND GOLF COURSE PUMPHOUSE BLDG.	600	37,300	1,500
2680	VAN CORTLANDT PARK SHANDLER COMFORT STATION - 0012	400	0	19,900
2699	TOMPKINS SQUARE PARK POOL	840	52,200	2,200
2701	FOREST PARK OVERLOOK MAINT AND COMFORT ST-02	560	20,800	7,100
2702	CUNNINGHAM PARK DISTRICT OFFICE - 0004	2,216	137,800	5,700
2703	FORT TRYON PARK FIELD HOUSE BLDG C - 06	600	37,300	1,500
2704	FORT TRYON PARK CONCESSION STAND - 0004	4,164	258,900	10,700
2705	PELHAM BAY PARK 18 RODMAN ADMINISTRATION - 0018	3,200	198,900	8,200
2709	BRONX PARK ALLERTON COMFORT STATION - 0002	864	53,700	2,200
2711	FOREST PARK GREENHOUSE MAINTENANCE - 23	1,672	104,000	4,300
2712	PELHAM BAY PARK CLASSROOM 1B - 0024	1,000	62,200	2,600
2716	CENTRAL PARK COMFORT STA. AND STORAGE - 169A	378	0	18,800
2717	FLUSHING MEADOWS CORONA PARK PITCH AND PUTT GOLF BUILDING	1,000	62,200	2,600
2718	HAMILTON FISH PARK COMFORT STATION	1,027	63,800	2,600
2720	COMMODORE JOHN BARRY PARK INTERMEDIATE POOL	6,177	384,000	15,900
2723	FLUSHING MEADOWS CORONA PARK QUEENS ZOO - FARM ENTRANCE BOOTH	36	0	1,800
2724	MANHATTAN BEACH PARK UMBRELLA STAND	612	38,100	1,600
2725	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - GOAT SHED	231	0	11,500
2730	RIVERSIDE PARK COMFORT STATION @RIVER RUN PLAYGROUND	1,135	70,600	2,900
2776	LIBERTY PARK INTERMEDIATE POOL	4,500	279,800	11,600

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2849	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM- STABLE/TOOL SHED	1,140	70,900	2,900
13621	KISSENA CORRIDOR PARK WEST COMFORT STATION	400	0	19,900
13622	PARADE GROUNDS PARK COMFORT STATION	480	17,800	6,100
13623	PARADE GROUNDS PARK CONCESSION STAND	480	17,800	6,100
13624	PARADE GROUNDS PARK ELECTRICAL SHED #1	120	0	6,000
13625	PARADE GROUNDS PARK ELECTRICAL SHED #2	120	0	6,000
13626	PARADE GROUNDS PARK DUGOUT #1	685	42,600	1,800
13627	PARADE GROUNDS PARK DUGOUT #2	685	42,600	1,800
13628	CROCHERON PARK COMFORT STATION	400	0	19,900
13629	ROY WILKINS PARK COMFORT STATION	400	0	19,900
13632	PARADE GROUNDS PARK BOWLING GREEN BUILDING	622	38,700	1,600
13634	SETON FALLS PARK COMFORT STATION	400	0	19,900
13635	ROY WILKINS PARK COMFORT STATION	1,200	74,600	3,100
13671	LINCOLN TERRACE PARK SHED	600	37,300	1,500
13672	LINCOLN TERRACE PARK COMFORT STATION	875	54,400	2,300
13673	SEASIDE-ASSER LEVY PARK BANDSHELL	2,250	139,900	5,800
13674	ST. NICHOLAS PARK COMFORT STATION # 1	400	0	19,900
13675	ST. NICHOLAS PARK COMFORT STATION # 2	400	0	19,900
13676	ST. NICHOLAS PARK COMFORT STATION # 3	400	0	19,900
13677	BAISLEY POND PARK HOUSE	1,625	101,000	4,200
13678	BAISLEY POND PARK COMFORT STATION # 1	925	57,500	2,400
13679	BAISLEY POND PARK COMFORT STATION # 2	750	46,600	1,900
13680	BAISLEY POND PARK COMFORT STATION # 3	600	37,300	1,500
13681	BAISLEY POND PARK NORTH EXTENTION COMFORT STATION	400	0	19,900
13682	BAISLEY POND PARK SOUTH EXTENTION COMFORT STATION	875	54,400	2,300
13683	HERMAN A. MACNEIL PARK COMFORT STATION	288	0	14,300
13684	FRANK GOLDEN PARK COMFORT STATION	1,230	76,500	3,200
13685	SPRINGFIELD PARK HOUSE AND COMFORT STATION	1,463	91,000	3,800
13686	SPRINGFIELD PARK COMFORT STATION	400	0	19,900
13687	FORT GREENE PARK VISITORS CENTER	2,000	124,300	5,100
13688	FORT GREENE PARK COMFORT STATION	400	0	19,900
13689	FORT GREENE PARK SHED	150	0	7,500
13690	LEON S. KAISER PARK HOUSE	4,280	266,100	11,000
13691	SEASIDE-ASSER LEVY PARK COMFORT STATION	400	0	19,900
13706	WILLOWBROOK PARK STORAGE SHED	156	0	7,800
13749	FORT TOTTEN - BLDG. # 211 WILLETS FARM HOUSE	6,915	429,900	17,800
13782	FORT TOTTEN - BLDG. # 604 NYPD OFFICES	9,812	610,000	25,200
13902	KISSENA CORRIDOR EAST COMFORT STATION	600	37,300	1,500

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
13903	CLEARVIEW GOLF AND COUNTRY CLUB STORAGE SHED (OLD PUMP HOUSE)	429	15,900	5,400
13904	CLEARVIEW GOLF AND COUNTRY CLUB STORAGE AND MAINTENANCE BLDG	1,500	93,300	3,900
13905	DOUGLSTON GOLF COURSE MAINTENANCE AND STORAGE BLDG.	676	42,000	1,700
13906	SHORE ROAD PARK MAINTENANCE AND STORAGE BLDG.	1,557	96,800	4,000
13907	SHORE ROAD PARK MAINT/STORAGE AND COMFORT STA.	3,220	200,200	8,300
13908	SHORE ROAD PARK COMFORT STATION	1,600	99,500	4,100
13909	OWLS HEAD PARK MILLENIUM SKATE PARK KIOSK	90	0	4,500
13910	OWLS HEAD PARK COMFORT STATION	990	61,600	2,500
13911	BENSONHURST PARK STORAGE BLDG @ TENNIS COURT	418	15,500	5,300
13912	BENSONHURST PARK BRIDGEVIEW RAQUET CLUB HOUSE	4,500	279,800	11,600
13913	BENSONHURST PARK COMFORT STATION / OFFICE BLDG.	3,420	212,600	8,800
13914	FRANZ SIGEL PARK STORAGE BLDG/COMFORT STATION	1,458	90,600	3,700
13915	FRANZ SIGEL PARK COMFORT STATION	480	17,800	6,100
13916	HARRIS PARK COMFORT STATION / STORAGE BLDG.	2,288	142,200	5,900
13918	SOUND VIEW PARK STORAGE SHED	400	0	19,900
13973	EAST RIVER PARK COMFORT STATION	480	17,800	6,100
13974	RED HOOK RECREATION AREA COMFORT STATION	1,312	81,600	3,400
13975	DYKER BEACH PARK STEEL MAINT BLDG.	2,700	167,900	6,900
13976	DYKER BEACH PARK GOLF CART GARAGE	2,970	184,700	7,600
13977	DYKER BEACH PARK OLD STONE MAINTENANCE BUILDING	800	49,700	2,100
13978	DYKER BEACH PARK PUMP HOUSE	650	40,400	1,700
13980	DYKER BEACH PARK MULTI- PURPOSE BUILDING	4,848	301,400	12,500
13981	KISSENA PARK STORAGE SHED	900	56,000	2,300
14012	EAST RIVER PARK ELECTRICAL SHED	64	0	3,200
14031	MORNINGSIDE PARK COMFORT STATION AND STORAGE	1,060	65,900	2,700
14032	ASSER LEVY PARK INTERMEDIATE POOL	5,400	335,700	13,900
14033	ASSER LEVY PARK WADING POOL	1,042	64,800	2,700
14035	CENTRAL PARK LASKER WADING POOL	921	57,300	2,400
14036	TONY DAPOLITO RECREATION CENTER DIVING POOL	1,645	102,300	4,200
14037	TONY DAPOLITO RECREATION CENTER	5,000	310,900	12,900
14039	ABE LINCOLN PLAYGROUND MINI POOL	800	49,700	2,100
14040	THOMPSON ST (VESUVIO PLAYGROUND) MINI POOL	800	49,700	2,100
14041	FREDERICK DOUGLASS PLAYGROUND MINI POOL	800	49,700	2,100
14042	CROTONA PARK OLYMPIC POOL	39,600	2,462,000	101,800

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
14043	CLAREMONT PARK WADING POOL	576	21,400	7,300
14044	E 174TH STREET PLAYGROUND WADING POOL	800	49,700	2,100
14045	EDENWALD PLAYGROUND MINI POOL	800	49,700	2,100
14046	DOUGLASS AND DEGRAW PLAYGROUND INTERMEDIATE POOL	4,500	279,800	11,600
14047	DOUGLASS AND DEGRAW PLAYGROUND WADING POOL	576	21,400	7,300
14048	DAVID FOX PLAYGROUND MINI POOL	800	49,700	2,100
14049	GLENWOOD HOUSES PLAYGROUND MINI POOL	800	49,700	2,100
14050	LINDOWER PARK MINI POOL	800	49,700	2,100
14051	JESSE OWENS PLAYGROUND MINI POOL	800	49,700	2,100
14052	PARHAM PLAYGROUND ADELPHI MINI POOL	800	49,700	2,100
14053	FORT TOTTEN PARK INTERMEDIATE POOL	4,525	281,300	11,600
14055	FORT TOTTEN PARK WADING POOL (ROUND)	314	0	15,600
14056	MARIE CURIE PARK WADING POOL	800	49,700	2,100
14057	CASTLEWOOD PLAYGROUND WADING POOL	800	49,700	2,100
14058	LAWERENCE VIRGILIO PLGD. WINDMULLER PARK WADING POOL	800	49,700	2,100
14059	ASTORIA HEIGHTS PLAYGROUND JHS 10 WADING POOL	800	49,700	2,100
14060	LAWRENCE C. THOMPSON MEM. PARK WEST BRIGHTON WADING POOL	576	21,400	7,300
14061	LAWRENCE C. THOMPSON MEM. PARK WEST BRIGHTON INTERMEDIATE POOL	4,500	279,800	11,600
14062	GRANDVIEW PLAYGROUND MARINERS HARBOR MINI POOL	800	49,700	2,100
14063	GENERAL DOUGLAS MACARTHUR PARK MINI POOL	800	49,700	2,100
14064	STAPLETON PLAYGROUND PS 46 PLGD MINI POOL	800	49,700	2,100
14065	OLDTOWN PLAYGROUND PS 46 PLAYGROUND MINI POOL	800	49,700	2,100
14103	BREUKELEN PLAYGROUND COMFORT STATION	400	0	19,900
14104	BREUKELEN BALLFIELDS STORAGE BUILDING	400	0	19,900
14105	BREUKELEN PLAYGROUND UTILITY SHED	81	0	4,000
14106	FRANCIS LEWIS PARK COMFORT STATION	581	21,600	7,300
14107	COMMODORE JOHN BARRY PARK COMFORT STATION	847	52,700	2,200
14114	COMMODORE JOHN BARRY PARK MEN'S BATHHOUSE	2,304	143,300	5,900
14115	COMMODORE JOHN BARRY PARK ADMIN. BLDG AND COMFORT STATION	576	21,400	7,300
14116	COMMODORE JOHN BARRY PARK WOMEN'S BATHHOUSE	1,728	107,400	4,400
14122	MARINE PARK STORAGE SHED	600	37,300	1,500
14123	MARINE PARK GOLF COURSE PUMP HOUSE	584	21,700	7,400
14201	FLUSHING MEADOWS CORONA PARK COMFORT STATION @ EDERLE TERRACE	1,728	107,400	4,400

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
14202	FLUSHING MEADOWS CORONA PARK CAROUSEL COMFORT STATION	960	59,700	2,500
14203	FLUSHING MEADOWS CORONA PARK COMFORT STATION WORLDS FAIR PLGD	864	53,700	2,200
14204	FLUSHING MEADOWS CORONA PARK CAROUSEL BUILDING	3,420	212,600	8,800
14205	SETON PARK TENNIS KIOSK	163	0	8,100
14206	SETON PARK COMFORT STATION AND MAINT. BLDG.	783	48,700	2,000
14207	LEIF ERICSON PARK AND SQUARE COMFORT STATION AND OFFICE	850	52,800	2,200
14208	LEIF ERICSON PARK AND SQUARE UTILITY BUILDING	144	0	7,200
14209	LEIF ERICSON PARK AND SQUARE UTILITY BUILDING	120	0	6,000
14210	FLUSHING MEADOWS CORONA PARK CONCESSION STAND @ EDERLE TERR.	462	17,100	5,800
14329	INWOOD HILL PARK RETAINING WALL SOUTH WALL OF NB HH PKWY	770	47,900	2,000
14356	HIGHLAND PARK COMFORT STATION	480	17,800	6,100
14357	JACKIE ROBINSON PARK COMFORT STATION	782	48,600	2,000
14358	CUNNINGHAM PARK COMFORT STATION	1,000	62,200	2,600
14359	CUNNINGHAM PARK TENNIS HOUSE	2,100	130,600	5,400
14360	HAMILTON FISH PARK POOL/BATHHOUSE	6,600	410,300	17,000
14361	FOREST PARK GOLF CLUB HOUSE	3,480	216,400	8,900
14362	HAMILTON FISH PARK WADING POOL	4,800	298,400	12,300
14364	RANDALLS ISLAND GOLF CENTER	3,700	230,000	9,500
14366	FORT TOTTEN - BLDG. # 429	4,096	254,700	10,500
14367	FORT TOTTEN - BLDG. # 430	4,096	254,700	10,500
14369	FORT TOTTEN - BLDG. # 634	4,612	286,700	11,900
14370	FORT TOTTEN - BLDG. # 633 THREE PORT GARAGE	2,359	146,700	6,100
14399	SARA D. ROOSEVELT PARK STORAGE/MAINT. BLDG.	6,024	374,500	15,500
14400	CROTONA PARK NATURE CENTER	3,596	223,600	9,200
14401	CROTONA PARK STORAGE SHED #1	275	0	13,700
14402	CROTONA PARK STORAGE SHED #2	275	0	13,700
14403	CROTONA PARK TENNIS HOUSE	2,240	139,300	5,800
14404	CROTONA PARK COMFORT STATION #1	600	37,300	1,500
14405	CROTONA PARK COMFORT STATION #2	600	37,300	1,500
14406	HIGHBRIDGE PARK GARAGE	720	44,800	1,900
14511	SILVER LAKE PARK GOLF SHOP	361	0	17,900
14538	MICHAELIS BAYSWATER PARK COMFORT STATION	600	37,300	1,500
14546	FLUSHING MEMORIAL FIELD COMFORT STATION AND STORAGE	3,110	193,400	8,000
14582	CLAREMAONT PARK NORTH COMFORT STATION	580	21,500	7,300
14583	CLAREMONT PARK SOUTH COMFORT STATION	925	57,500	2,400
14584	CLAREMONT PARK MEN'S BATH HOUSE	1,921	119,400	4,900

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
14585	CLAREMONT PARK WOMEN'S BATH HOUSE	1,921	119,400	4,900
14586	CLAREMONT PARK ADMINISTRATION BUILDING	625	38,900	1,600
14587	CLAREMONT PARK STORAGE SHED	100	0	5,000
14644	CANARSIE PARK FIELDHOUSE	4,180	259,900	10,700
14645	CANARSIE PARK MULTIPURPOSE BUILDING	3,000	186,500	7,700
14646	PARADE GROUNDS PARK TENNIS CENTER	2,820	175,300	7,300
14647	CANARSIE PARK PUMP HOUSE	275	0	13,700
14684	HIGHBRIDGE PARK RETAINING WALL CONC. RETAINING / PERIMETER WALL	709	44,100	1,800
14692	HIGHBRIDGE PARK RETAINING WALL CONCRETE FACED PERIMETER WALL	1,940	120,600	5,000
14694	HIGHBRIDGE PARK RETAINING WALL BRICK RETAINING / PERIMETER WALL	2,380	148,000	6,100
14696	HIGHBRIDGE PARK RETAINING WALL CONC. RETAINING / PERIMETER WALL	748	46,500	1,900
14708	HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL	7,894	490,800	20,300
14746	SPRING CREEK PARK COMFORT STATION	480	17,800	6,100
14747	LITTLE BAY PARK COMFORT STATION	800	49,700	2,100
14748	OCEAN PLAYGROUND COMFORT STATION	640	39,800	1,600
14749	FERRY POINT COMMUNITY PARK COMFORT STATION	600	37,300	1,500
14754	EAST RIVER PARK LOWER EAST SIDE ECOLOGY CENTRE	3,900	242,500	10,000
14755	EAST RIVER PARK AMPHITHEATRE	2,565	159,500	6,600
14815	CENTRAL PARK TICKETS/ ANNEX	1,780	110,700	4,600
14816	CENTRAL PARK SNOW LEOPARD HOLDING	2,200	136,800	5,700
14817	CENTRAL PARK ZOO - CHILDREN'S ZOO MECH. ROOM	400	0	19,900
14818	CENTRAL PARK DANA DISCOVERY CENTER	4,005	249,000	10,300
14819	CENTRAL PARK RAMBLE SHED	1,672	104,000	4,300
14820	CENTRAL PARK BENDHEIM PG COMFORT STATION	100	0	5,000
14821	CENTRAL PARK W 61ST STREET COMFORT STATION	1,020	63,400	2,600
14822	CENTRAL PARK BETHESDA COMFORT STATION	1,620	100,700	4,200
14823	CENTRAL PARK GREAT HILL COMFORT STATION	400	0	19,900
14824	CENTRAL PARK KERBS BOATHOUSE	154	0	7,700
14825	CENTRAL PARK RUMSEY PLAYGROUND AND PLAYFIELD	5,000	310,900	12,900
14826	CALVERT VAUX PARK DREIER OFFERMAN COMFORT STATION	690	42,900	1,800
14827	MARINE PARK COMFORT STATION AT SEBA PLAYGROUND	476	17,700	6,000
14828	FLUSHING MEADOW CORONA PARK WORLDS FAIR MARINA BOAT SHED	1,200	74,600	3,100
14838	CALVERT VAUX PARK COMFORT STATION	418	15,500	5,300
14839	CALVERT VAUX PARK OFFICE	512	19,000	6,500

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## DEPT. OF PARKS &amp; RECREATION - 846

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
14840	WOLFES POND PARK FIRST AID OFFICE	1,372	85,300	3,500
14841	WOLFES POND PARK COMFORT STATION AT WATERSIDE	1,372	85,300	3,500
14842	WOLFES POND PARK COMFORT STATION AND MAINT. BLDG.	2,070	128,700	5,300
14843	ALLEY POND PARK COMFORT STATION @ PS 213 PLAYGROUND	378	0	18,800
14844	ALLEY POND PARK COMFORT STATION HORATIO PLAYGROUND	407	15,100	5,100
14847	FDR BOARDWALK AND BEACH OFFICE AND ADMIN -2 PREFAB UNITS	1,372	85,300	3,500
14848	LEIF ERICSON PARK AND SQUARE COMFORT STATION	608	37,800	1,600
14851	BATTERY PARK NEW AMSTERDAM PAVILION SNACK BAR	874	54,300	2,200
14854	MARINE PARK GOLF COURSE ADMIN BOOTH-GOLF CART PICKUP	100	0	5,000
14855	MARINE PARK GOLF COURSE UTILITY BUILDING	144	0	7,200
14856	MARINE PARK UTILITY BUILDING	144	0	7,200
14857	FLUSHING MEADOW CORONA PARK AL OERTER COMFORT STATION	1,047	65,100	2,700
14859	JUNIPER VALLEY PARK UTILITY SHED @ PULLIS FARM	119	0	5,900
14860	JUNIPER VALLEY PARK FIELD HOUSE AND STORAGE	636	39,500	1,600
14862	FDR BOARDWALK AND BEACH PUMP HOUSE SW OF PIER	80	0	4,000
14864	FORT TOTTEN - BLDG. # 342 SWIMMING POOL BATHHOUSE	370	0	18,400
14867	FORT TOTTEN - BLDG. # 338 FILTER HOUSE	527	19,600	6,600
14875	BATTERY PARK TABLE GREEN CAFE SOUTH	236	0	11,700
14933	BATTERY PARK TABLE GREEN CAFE NORTH	236	0	11,700
14949	CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD STATION	1,990	123,700	5,100
14950	CONEY ISLAND BEACH AND BOARDWALK REST AREA	2,070	128,700	5,300
14951	CONEY ISLAND BEACH AND BOARDWALK COMFORT STATION	2,732	169,900	7,000
14952	CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD AND FIRST AID STATION	1,303	81,000	3,400
14953	CONEY ISLAND BEACH AND BOARDWALK REST AREA	2,070	128,700	5,300
14954	CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD STATION	1,303	81,000	3,400
14955	CONEY ISLAND BEACH AND BOARDWALK COMFORT STATION	1,485	92,300	3,800
14956	CONEY ISLAND BEACH AND BOARDWALK REST AREA	2,070	128,700	5,300

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
14963	ST. JOHNS PARK COMFORT STATION	618	38,400	1,600
14964	CLOVE LAKES PARK COMFORT STA. @ PERENNIAL GARDEN	519	19,300	6,500
14965	RUFUS KING PARK GAZEBO	963	59,900	2,500

**Project : PARKS AND RECREATION**

<b>CAPITAL</b>	<b>FY 2020 - 2023</b>		<b>FY 2024 - 2029</b>	
Special Systems	199,635,000		242,479,000	
<b>EXPENSE</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Special Systems	3,736,000	3,736,000	3,736,000	3,736,000

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
4502	PARK UTILITIES WATER AND SEWER		293,718,000	11,748,000
4503	PARK UTILITIES ELECTRICAL		79,928,000	3,196,000
4504	PARK STREETS AND ROADS STREETS AND ROADS		68,468,000	0

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