

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17-Jul-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 7072 **Lot** : 14 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,016,800	\$598,400
Interior Architecture	\$408,300	\$439,900
Electrical	\$668,500	\$324,100
Mechanical		\$896,400
<b>Total</b>	<b>\$2,093,600</b>	<b>\$2,258,800</b>
Importance Code A	\$1,016,800	\$598,400
Importance Code B	\$1,004,000	\$1,660,500
Importance Code C	\$72,800	
<b>Total</b>	<b>\$2,093,600</b>	<b>\$2,258,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$46,700	\$16,500		
Interior Architecture	\$28,700	\$29,600		
Electrical	\$12,800	\$4,300	\$3,000	\$3,000
Mechanical	\$64,100	\$56,800	\$37,400	\$55,000
<b>Total</b>	<b>\$152,300</b>	<b>\$107,100</b>	<b>\$40,300</b>	<b>\$57,900</b>
Importance Code A	\$46,700	\$16,600		
Importance Code B	\$93,200	\$90,600	\$40,300	\$57,900
Importance Code C	\$12,400			
<b>Total</b>	<b>\$152,300</b>	<b>\$107,100</b>	<b>\$40,300</b>	<b>\$57,900</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**  
**ABE STARK SKATING RINK INDOOR FACILITY**  
**Asset # : 914**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%	Now	\$98,900	LIFE	**	5	\$87,800	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : At Columns							
		Exposed Reinforcement, Extent : Moderate, Area Affected : 10%							
		Location : At Columns							
	Masonry: Brick	5%	Now	\$26,400	LIFE	**	5	\$8,800	
		Cracking/Crumbling, Extent : Light, Area Affected : 15%							
		Location : Over East Entrance							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%							
		Location : Over East Entrance							
	Masonry: Brick	75%			LIFE	**	5	\$131,700	
	Metal Panel	5%			2045	**	5-10	\$60,400	
	Metal Coiling Doors	5%	0-2	\$497,400	2045	**	5	\$13,700	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 30%							
		Location : South Facade							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : South Facade							
Windows									
	Glass Block	90%	0-2	\$20,200	LIFE	**	5	\$1,300	
	Metal Louvers	10%			2034	**	10	\$1,400	
Parapets									
	Cast in Place Concrete	25%			LIFE	**	5	\$106,500	
	Metal Rail	75%	2-4	\$164,800	2030	**	5	\$219,700	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Roof									
	Modified Bitumen	17%			2030	**	10	\$44,800	
	Modified Bitumen	80%			2030	**	10	\$210,800	
	Skylight, Metal/Glass	3%			2045	**	10	\$26,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : 3 Units							
Interior									
Floors									
	Cast in Place Concrete	70%	0-2	\$335,500	LIFE	**	5	\$353,400	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Ceramic Tile	5%			2034	**	5	\$11,500	
	Sheet Vinyl/Rubber	25%			2033	**	5	\$86,500	

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\*\* 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Interior**

**Interior Walls**

Cast in Place Concrete	10%	0-2	\$10,400	LIFE		**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
Ceramic Tile	5%			2034		**	5	\$4,100	
Concrete Masonry Unit	80%	0-2	\$72,800	LIFE		**	5	\$26,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Glass: Single Pane	5%			LIFE		**	5	\$3,100	

**Ceilings**

AcousTileSusp.Lay-In	90%			2045		**	5	\$59,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
Exposed Concrete	10%	0-2	\$10,500	LIFE		**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									

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

**Under 600 Volts**

<b>Service Equipment</b>									
Fused Disc Sw	100%			2025		\$4,800	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : One 1600 Amperes And 1200 Amperes Main Disconnect Switch</i>									
<b>Switchgear / Switchboard</b>									
Fused Disc Sw	100%			2055		**	5	\$200	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<b>Raceway</b>									
Conduit	70%			2025		\$21,900	1		
Conduit	30%			2055		**	1		
<b>Panelboards</b>									
Fused Disc Sw	5%			2024		\$1,500	5	\$100	
Fused Disc Sw	5%			2050		**	5	\$100	
Molded Case Bkrs	60%			2024		\$17,900	5	\$700	
Molded Case Bkrs	30%			2050		**	5	\$300	
<b>Wiring</b>									
Thermoplastic	70%			2025		\$19,400	1		
Thermoplastic	30%			2055		**	1		
<b>Motor Controllers</b>									
Locally Mounted	90%			2023		\$67,900	5	\$300	
Locally Mounted	10%			2045		**	5		

**Ground**

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**ABE STARK SKATING RINK INDOOR FACILITY**

**Asset # : 914**

<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>

**Ground**

**Grounding Devices  
Generic**

100% Now \$9,500 LIFE \* \* 5 \$600  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Water Main*  
*Explanation : Corroded*

**Lighting**

**Interior Lighting  
Fluorescent**

25% 2030 \* \* 10 \$35,400  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : Using T-8 Lamps*

**Fluorescent**

55% 2035 \* \* 10 \$77,800  
*T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*

**Fluorescent**

10% 2030 \* \* 10 \$14,100  
*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*

**Fluorescent**

10% 2035 \* \* 10 \$14,100  
*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*

**Egress Lighting**

**Emergency, Battery  
Exit, Service**

60% 2025 \$124,600 10 \$22,300  
40% 2025 \$8,800 1

**Exterior Lighting**

**HID**

100% 2020 \$165,400 10 \$100

**Alarm**

**Security System**

**No Component  
Generic**

70%  
30% 2025 \$39,800 1 \$4,900

**Fire/Smoke Detection**

**Generic, Analog**

100% 2020 \$453,600 1-3 \$27,000

<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% 2035 \* \* 1

**Conversion Equipment**

**Under Construction**

100%  
*Other Observation, Extent : Light, Area Affected : 0%*  
*Location : Basement Boiler Room*  
*Explanation : Replacement Of 2 Steam Boilers And 1 Heat Exchanger Is In Progress*

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**Asset # : 914**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Distribution									
	Hot Wtr Piping/Pump	40%			2033	**	4	\$3,000	
	Central Plant Steam Piping/Pmp	60%			2035	**	4	\$6,800	
Terminal Devices									
	Air Handler	60%			2033	**	1	\$57,200	
	Convactor/Radiator	20%	Now	\$30,900	2030	**	1	\$9,000	
Not in Service, Extent : Severe, Area Affected : 70%									
Location : Throughout									
	Fan Coil Unit/Heat	20%			2030	**	1	\$10,000	
Air Conditioning									
Energy Source									
	Electricity	100%			2033	**	1		
Conversion Equipment									
	Centrifugal, Elec Chiller	100%			2034	**	1	\$54,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%									
Location : 1st Floor AC Room									
Distribution									
	CW & CHW Wtr Pipe/Pump	100%			2035	**	4	\$1,100	
Terminal Devices									
	Air Handler/Cool/Ht	100%			2033	**	1	\$95,400	
Heat Rejection									
	Water Cooling Tower	100%			2026	\$770,300	2	\$155,200	
Dehumidifier									
	Generic	100%			2026	\$200			
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$86,000	
Exhaust Fans									
	Interior	95%			2033	**	2	\$4,500	
	Roof	5%			2030	**	2	\$200	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2035	**	1		
Water Heater									
	Gas Fired	100%			2024	\$87,900	2	\$2,200	
HW Heat Exchanger									
	Steam Fired	100%			2055	**	4	\$22,900	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Boiler Room									
Explanation : Built Into The Boilers Which Are Under Construction									
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		

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**Asset # : 914**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Non-Submersible	100%			2030	* *	4	\$900	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Standpipe								
	No Component	90%							
	Generic	10%			2035	* *	1-5	\$7,800	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Roof							
		Explanation : On The Roof Only							
Chemical System									
	Under Construction	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$40,600
Site Enclosure	\$53,500	
<b>Total</b>	<b>\$53,500</b>	<b>\$40,600</b>
Importance Code A		\$40,600
Importance Code C	\$53,500	
<b>Total</b>	<b>\$53,500</b>	<b>\$40,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$16,300			\$5,000
Interior Architecture	\$61,300		\$1,500	\$800
Electrical	\$500	\$300	\$500	\$400
Mechanical	\$600	\$700	\$500	\$700
Site Enclosure	\$900			
Site Pavements	\$18,900			
<b>Total</b>	<b>\$98,500</b>	<b>\$1,000</b>	<b>\$2,500</b>	<b>\$6,900</b>
Importance Code A	\$16,600	\$300	\$300	\$5,300
Importance Code B	\$57,200	\$700	\$2,200	\$1,500
Importance Code C	\$24,700			\$100
<b>Total</b>	<b>\$98,500</b>	<b>\$1,000</b>	<b>\$2,500</b>	<b>\$6,900</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	3%	Now	\$300	LIFE	**	5	\$100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Chimney								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Chimney								
	Masonry: Fieldstone	25%			LIFE	**	5	\$1,300	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : West Facade								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : West Facade								
	Explanation : Covered With Stucco								
	Wood	72%	Now	\$7,100	2033	**	5	\$6,200	
	Deteriorated Finish, Extent : Moderate, Area Affected : 5%								
	Location : Exit Stairs From Second Floor								
	Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
	Location : Exit Stairs From Second Floor								
	Paint Peeling, Extent : Light, Area Affected : 5%								
	Location : Exit Stairs From Second Floor								
	Recent Replace Evident, Extent : Light, Area Affected : 95%								
	Location : All Facades								
	Split/Cracked, Extent : Light, Area Affected : 5%								
	Location : Exit Stairs From Second Floor								
Windows									
	Wood	100%			2027	\$40,600	5	\$9,900	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : All Windows And Shutters								
Roof									
	Copper/Terne	5%	0-2	\$100	2056	**			
	Corrosion/Rusting, Extent : Light, Area Affected : 5%								
	Location : Back Entrance								
	Roll Roofing	10%			2024	\$4,000	5	\$1,500	
	Wood Shingles	85%	Now	\$7,400	2031	**			
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Within Attic Space When Experiencing Driving Rain								

Interior

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**ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT**  
**Asset # : 2886**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Carpet	10%			2024	\$15,200	3	\$1,800	
	Cast in Place Concrete	5%			LIFE	**	5	\$2,000	
	Ceramic Tile	5%			2037	**	5	\$500	
	Panel/Paver: Cer/Brk	15%			2036	**	5	\$3,100	
	Wood	65%	Now	\$21,200	2031	**	5	\$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Stairs To Second Floor									
Deflection Evident, Extent : Moderate, Area Affected : 10%									
Location : Throughout 1st And Second Floors - Shoring Required									
Loose Units, Extent : Moderate, Area Affected : 15%									
Location : Throughout 1st And Second Floors									
Interior Walls									
	Ceramic Tile	5%			2037	**	5	\$200	
	Gypsum Board	5%			LIFE	**	5-10	\$400	
	Masonry: Brick	3%	Now	\$1,200	LIFE	**			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%									
Location : Fireplace									
Diagonal Cracks, Extent : Severe, Area Affected : 5%									
Location : Fireplace									
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%									
Location : Fireplace									
Spalling, Extent : Severe, Area Affected : 20%									
Location : Fireplace									
	Masonry: Fieldstone	7%	Now	\$2,300	LIFE	**			
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Basement Storage Rooms									
Explanation : Mold Growth Due To Lack Of Air Circulation									
	Plaster	80%			LIFE	**	5-10	\$3,100	
Ceilings									
	Exposed Struc: Wood	80%	Now	\$30,100	LIFE	**			
Diagonal Cracks, Extent : Severe, Area Affected : 2%									
Location : Parlor Room									
	Plaster	20%	Now	\$2,800	LIFE	**	5	\$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Second Floor Storage Closet, Caretaker Apartment									
Paint Peeling, Extent : Light, Area Affected : 15%									
Location : Basement									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : 2nd Floor Office And Caretaker Apartment									
Site Enclosure									
Fence/Gates									
	Wood	100%	Now	\$53,500	2033	**			
Impact Damage, Extent : Severe, Area Affected : 50%									
Location : Washed Away During Superstorm Sandy									

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**ALICE AUSTEN PARK ALICE AUSTEN HOUSE-CLEAR COMFORT**  
**Asset # : 2886**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
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	**			
On-Site Walkways								
Pavers/Stone	100%			2031	**			
Parking/Driveway								
Pavers/Stone	100%	Now	\$18,900	2031	**			
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Parking Area - Crushed Gravel								
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2028	\$1,600	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2028	\$26,700	5	\$200	
Raceway								
Conduit	100%			2028	\$4,100	1		
Panelboards								
Fused Disc Sw	5%			2027	\$400	5		
Molded Case Bkrs	95%			2027	\$7,700	5	\$200	
Wiring								
Thermoplastic	100%			2028	\$8,900	1		
Motor Controllers								
Locally Mounted	100%			2026	\$7,800	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	20%			2033	**	10	\$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office And Basement								
Explanation : T8 Lamps								
Incandescent	80%			2023	\$27,600	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**  
**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>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>Priority</b>

## Lighting

Exterior Lighting

Incandescent

100%

2023

\$21,200

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>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>Priority</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

\$3,800

2

\$100

Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

Sump Pump(s)

Submersible

100%

2022

\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,800		\$1,800	
Interior Architecture	\$3,400		\$1,000	
Electrical	\$800			
Mechanical	\$300		\$900	
Site Pavements	\$1,200			
<b>Total</b>	<b>\$14,600</b>		<b>\$3,700</b>	<b>\$100</b>
Importance Code A	\$8,800		\$1,800	
Importance Code B	\$2,700		\$1,800	
Importance Code C	\$3,100			
<b>Total</b>	<b>\$14,600</b>		<b>\$3,700</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**  
**ALLEY POND PARK ADVENTURE CENTER OFFICE**  
**Asset # : 222**

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	5%	2-4	\$1,000	LIFE	* *	5	\$200	
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Window Lintel, West Facade							
	Masonry: Fieldstone	95%	2-4	\$5,300	LIFE	* *	5	\$2,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 2%							
		Location : East Facade Joints							
Windows									
	Steel	100%			2036	* *	5	\$3,600	
Roof									
	Slate	100%	0-2	\$2,500	LIFE	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 2%							
		Location : South Facade, Gutter Detached							
Interior									
	Floors								
	Quarry Tile	100%			2041	* *	5	\$2,000	
	Interior Walls								
	Gypsum Board	25%			LIFE	* *	5-10	\$1,100	
	Plaster	75%			LIFE	* *	5-10	\$1,700	
	Ceilings								
	Gypsum Board	50%			LIFE	* *	5-10	\$1,600	
	Plaster	50%			LIFE	* *	5-10	\$800	
Site Pavements									
	On-Site Walkways								
	Asphalt	75%			2037	* *			
	Pavers/Stone	25%	0-2	\$1,200	2037	* *			
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : East Of Building							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2028	\$1,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 100 Amperes Main Disconnect Switch									
Raceway									
	Conduit	100%			2028	\$3,700	1		
Panelboards									
	Molded Case Bkrs	100%			2027	\$7,500	5		
Wiring									
	Thermoplastic	100%			2028	\$8,200	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**  
**ALLEY POND PARK ADVENTURE CENTER OFFICE**  
**Asset # : 222**

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

## Ground

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

\$200

1

Exterior Lighting

HID

100%

2023

\$3,400

10

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

## Heating

Energy Source

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

\$800

## Plumbing

H/C Water Piping

Brass/Copper

50%

2038

\* \*

1

Galvanized Steel

50%

2026

\$1,900

1

Water Heater

Electric

100%

2021

\$700

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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$39,800	
Interior Architecture	\$91,500	
Electrical		\$48,000
<b>Total</b>	<b>\$131,300</b>	<b>\$48,000</b>
Importance Code A	\$39,800	
Importance Code B	\$91,500	\$48,000
<b>Total</b>	<b>\$131,300</b>	<b>\$48,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$84,200			
Interior Architecture	\$28,500		\$3,100	\$300
Electrical	\$9,900			\$100
Mechanical	\$1,100	\$1,100	\$1,100	\$1,300
<b>Total</b>	<b>\$123,800</b>	<b>\$1,100</b>	<b>\$4,300</b>	<b>\$1,700</b>
Importance Code A	\$85,100	\$800	\$800	\$800
Importance Code B	\$26,600	\$300	\$3,400	\$900
Importance Code C	\$12,200			
<b>Total</b>	<b>\$123,800</b>	<b>\$1,100</b>	<b>\$4,300</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**  
**ALLEY POND PARK ATHLETIC OFFICE AND COMFORT STATION - 01A**  
**Asset # : 223**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$6,400	
Masonry: Fieldstone	85%			LIFE	**	5	\$16,200	
	Vegetation Growth, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
Wood	10%	Now	\$13,300	2033	**	5	\$3,200	
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
	Location : Trims							
	Paint Peeling, Extent : Moderate, Area Affected : 25%							
	Location : Trims							
	Split/Cracked, Extent : Moderate, Area Affected : 25%							
	Location : Trims							
	Other Observation, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
	Explanation : Bird Droppings							
Windows								
Steel	60%	Now	\$34,400	2053	**	5	\$4,100	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%							
	Location : Toilet(s)							
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Wood	40%	Now	\$12,300	2053	**	5	\$2,200	
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : Entrance/Reception Area							
	Split/Cracked, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Parapets								
Wood Cornice	100%	Now	\$11,700	2038	**	5	\$8,200	
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Insect/Bird Damage, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Paint Peeling, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
Roof								
Slate	100%	Now	\$39,800	LIFE	**			
	Broken/Missing Elements, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : Entrance Reception Area							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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									
	Soffits								
	Wood	100%	0-2	\$1,300	2033	* *	5	\$1,200	
				Deteriorated Finish, Extent : Light, Area Affected : 50%					
				Location : Throuhgout					
				Paint Peeling, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
Interior									
	Floors								
	Cast in Place Concrete	5%			LIFE	* *	5	\$2,600	
				Water Penetration, Extent : Light, Area Affected : 10%					
				Location : Boiler Room					
	Ceramic Tile	5%			2037	* *	5	\$600	
	Quarry Tile	35%			2041	* *	5	\$6,300	
	Slate	55%	Now	\$91,500	LIFE	* *	5	\$7,000	
				Cracking/Crumbling, Extent : Severe, Area Affected : 15%					
				Location : Entrance					
				Worn/Eroded, Extent : Severe, Area Affected : 15%					
				Location : Entrance					
Interior Walls									
	Cast in Place Concrete	15%			LIFE	* *	10	\$1,500	
				Paint Peeling, Extent : Moderate, Area Affected : 25%					
				Location : Basement					
				Water Penetration, Extent : Moderate, Area Affected : 10%					
				Location : Basement					
	Plaster	50%	Now	\$9,900	LIFE	* *	5	\$600	
				Cracking/Crumbling, Extent : Light, Area Affected : 25%					
				Location : Main Entrance, Mens Room					
				Staining/Discoloring, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Water Penetration, Extent : Moderate, Area Affected : 20%					
				Location : Main Entrance					
	SGFT/Glazed Masonry	35%			LIFE	* *	10	\$700	
Ceilings									
	Exposed Concrete	5%			LIFE	* *	5-10	\$800	
	Exposed Struc: Wood	65%	0-2	\$10,200	LIFE	* *			
				Water Penetration, Extent : Moderate, Area Affected : 5%					
				Location : Main Entrance					
	Plaster	30%			LIFE	* *	5-10	\$6,500	
Site Pavements									
	On-Site Walkways								
	Asphalt	100%			2031	* *			

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2028	\$2,500	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : One 100 Amperes Main Disconnect Switch								
	Raceway								
	Conduit	100%			2028	\$13,900	1		
	Panelboards								
	Molded Case Bkrs	100%			2027	\$14,900	5	\$200	
	Wiring								
	Thermoplastic	100%			2028	\$18,200	1		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2023	\$48,000	10	\$7,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Using T-12 Lamps								
	Egress Lighting								
	Emergency, Battery	100%			2023	\$11,400	10	\$2,000	
	Exterior Lighting								
	HID	100%			2023	\$31,800	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2048	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2033	* *	1	\$8,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 Units								
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2038	* *	4	\$400	
	Terminal Devices								
	Convactor/Radiator	100%			2033	* *	1	\$2,700	
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2038	* *	1		
	Galvanized Steel	50%			2026	\$17,300	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 ATHLETIC OFFICE AND COMFORT STATION - 01A**  
**Asset # : 223**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
	Water Heater							
	Gas Fired	100%		2023	\$4,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,800			
Interior Architecture	\$6,800		\$1,200	
Electrical	\$1,000			
Mechanical	\$400	\$100	\$1,100	\$100
<b>Total</b>	<b>\$41,100</b>	<b>\$100</b>	<b>\$2,300</b>	<b>\$100</b>
Importance Code A	\$32,900	\$100	\$100	\$100
Importance Code B	\$5,500		\$2,300	
Importance Code C	\$2,700			
<b>Total</b>	<b>\$41,100</b>	<b>\$100</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.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Fieldstone	95%	Now	\$9,300	LIFE	**	5	\$4,000	
	Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
	Location : South Facade								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
	Location : Throughout								
	Open Joints, Extent : Moderate, Area Affected : 2%								
	Location : Throughout								
	Masonry: Limestone	2%	Now	\$1,200	LIFE	**	5	\$100	
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
	Location : Pier Caps, Northwest Facade, South Facade								
	Wood	3%	Now	\$1,800	2033	**	5	\$400	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
	Location : West Facade								
	Split/Cracked, Extent : Moderate, Area Affected : 15%								
	Location : Beams Above Windows								
Windows									
	Glass Block	95%	Now	\$2,700	LIFE	**	5	\$300	
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
	Location : Bathrooms And Office								
	Metal Louvers	5%			2037	**	10	\$200	
Roof									
	Slate	100%	Now	\$17,900	LIFE	**			
	Broken/Missing Elements, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Over Office								
Soffits									
	Wood	100%			2033	**	5	\$2,900	
Interior									
Floors									
	Quarry Tile	100%			2041	**	5	\$2,500	
Interior Walls									
	Plaster	50%			LIFE	**	5-10	\$2,100	
	SGFT/Glazed Masonry	50%			LIFE	**	10	\$1,300	
Ceilings									
	Exposed Struc: Wood	15%			LIFE	**	10	\$300	
	Plaster	85%	Now	\$3,900	LIFE	**	5	\$600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Office								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Office								
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.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$1,500	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : One 100 Amperes Main Disconnect Switch								
	Raceway								
	Conduit	100%			2028	\$3,700	1		
	Panelboards								
	Molded Case Bkrs	100%			2027	\$7,500	5		
	Wiring								
	Thermoplastic	100%			2028	\$8,200	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2023	\$2,400	10	\$1,000	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Using T-12 Lamps								
	Exterior Lighting								
	HID	100%			2023	\$4,200	10		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2038	* *	5	\$300	
Conversion Equipment								
Furnace	100%			2028	\$2,500	1	\$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Plumbing Area								
Explanation : 1 Unit								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$1,000	
Plumbing								
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%							

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

Estimates are rounded to the nearest hundred dollars.

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,584,200	\$497,800
Interior Architecture	\$166,700	\$260,700
Electrical		\$641,200
Mechanical		\$3,374,500
<b>Total</b>	<b>\$1,750,900</b>	<b>\$4,774,200</b>
Importance Code A	\$1,584,200	\$497,800
Importance Code B	\$130,300	\$4,109,800
Importance Code C	\$36,500	\$166,600
<b>Total</b>	<b>\$1,750,900</b>	<b>\$4,774,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$11,300	\$7,700		\$75,600
Electrical	\$1,100	\$1,800	\$1,100	\$1,700
Mechanical	\$24,200	\$29,700	\$32,100	\$12,000
<b>Total</b>	<b>\$36,600</b>	<b>\$39,100</b>	<b>\$33,200</b>	<b>\$89,300</b>
Importance Code A	\$6,800	\$6,800	\$6,800	\$6,900
Importance Code B	\$29,800	\$32,400	\$26,400	\$82,500
Importance Code C				
<b>Total</b>	<b>\$36,600</b>	<b>\$39,100</b>	<b>\$33,200</b>	<b>\$89,300</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**  
**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								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$53,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	60%			LIFE	**	5	\$81,600	
Masonry: Brick	20%	Now	\$268,500	LIFE	**	5	\$27,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Indoor Pool Enclosure								
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Indoor Pool Enclosure								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Indoor Pool Enclosure								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Indoor Pool Enclosure Next To Stack								
Masonry: Granite	5%			LIFE	**	5	\$5,100	
Masonry: Limestone	10%			LIFE	**	5	\$10,200	
Windows								
Wood	80%	0-2	\$32,900	2035	**	5	\$268,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Windows								
Wood	20%	Now	\$411,300	2052	**	5	\$67,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Indoor Pool - Clerstory Windows								
Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
Location : Indoor Pool - Clerstory Windows								
Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
Location : Indoor Pool - Clerstory Windows								
Parapets								
Cast Stone/Terra Cotta	15%	Now	\$125,700	LIFE	**	5	\$28,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof Coping Stones								
Masonry: Brick	85%	Now	\$65,800	LIFE	**	5	\$20,900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

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

**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	\$87,000	2042	**			
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Fiberglass Panel	10%			2030	**	1		
	Modified Bitumen	55%	Now	\$592,800	2037	**			1
	Blisters, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Patching Evident, Extent : Moderate, Area Affected : 15%								
	Location : Mechanical Equipment Removed - Poorly Patched								
	Ponding, Extent : Severe, Area Affected : 30%								
	Location : Various Locations								
	Worn/Eroded, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Interior									
Floors									
	Mosaic Tile	10%			2032	**	5	\$51,200	
	Quarry Tile	30%			2032	**	5	\$92,200	
	Sheet Vinyl/Rubber	5%			2032	**	5	\$15,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Weight Room								
	Explanation : Interlocking Tile								
	Vinyl Tile	30%			2032	**	3	\$23,100	
	Wood	25%			2055	**	5	\$96,100	
Interior Walls									
	Concrete Masonry Unit	2%			LIFE	**	5	\$4,200	
	Glass: Single Pane	5%			LIFE	**	5	\$19,500	
	Gypsum Board	10%			LIFE	**	5	\$31,200	
	Masonry: Brick	13%			LIFE	**			
	Plaster	40%	Now	\$36,500	LIFE	**	5	\$62,500	
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Women's Locker Room - South East Corner								
	SGFT/Glazed Masonry	25%			LIFE	**			
	Wood	5%			LIFE	**	5	\$104,100	

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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

## Interior

## Ceilings

AcousTile,Adhered	10%				2032	**	5	\$20,500	
AcousTileConcealSpLn	25%				2032	**	5	\$64,000	
AcousTileSusp.Lay-In	10%	4+		\$36,200	2032	**	5	\$10,200	

*Staining/Discoloring, Extent : Moderate, Area Affected : 50%*

*Location : Entrance Lobby And Throughout*

Exposed Struc: Steel	15%				LIFE	**			
Gypsum Board	5%	Now		\$11,300	LIFE	**	5	\$12,800	

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

*Location : Pool Filter Room In Basement*

Metal Panel	10%				LIFE	**	5	\$25,600	
Plaster	25%				LIFE	**	5	\$32,000	

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	90%				2037	**	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 1600 Amperes Main Disconnect Switch*

Fused Disc Sw	10%				2037	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 400 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Fused Disc Sw	100%				2037	**	5	\$200	
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## Raceway

Conduit	100%				2037	**	1		
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## Panelboards

Fused Disc Sw	5%				2035	**	5		
Molded Case Bkrs	95%				2035	**	5	\$1,000	

## Wiring

Thermoplastic	100%				2037	**	1		
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## Motor Controllers

Locally Mounted	5%				2032	**	5		
Motor Control Center	95%				2032	**	5	\$1,000	

## Ground

## Grounding Devices

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Lighting									
	Interior Lighting								
	Fluorescent	88%			2027	\$287,800	10	\$110,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	10%			2027	\$32,700	10	\$12,600	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
	LED	2%			2037	* *			
Egress Lighting									
	Emergency, Battery	20%			2027	\$40,300	10	\$6,600	
	Exit, Service	80%			2027	\$32,200	1		
Exterior Lighting									
	HID	100%			2027	\$157,400	10	\$100	
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2032	* *	1	\$4,300	
Fire/Smoke Detection									
	No Component	70%							
	Generic, Digital	30%			2032	* *	1-3	\$7,100	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2053	* *	1		
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Buried In The Parking Lot							
		Explanation : 2 3,000 Gallon Oil Tanks							
Conversion Equipment									
	Hot Water Boiler	100%			2047	* *	1	\$67,700	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 2 Dual Fuel Hot Water Boilers							
Distribution									
	Hot Wtr Piping/Pump	20%			2052	* *	4	\$2,000	
		Recent Installation, Extent : Light, Area Affected : 20%							
		Location : Boiler Room Only							
	Hot Wtr Piping/Pump	80%			2035	* *	4	\$8,100	

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convactor/Radiator	100%			2032	**	1	\$44,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	60%			2027	\$1,050,700	2	\$5,000	
				R-22 Refrigerant, Extent : Light, Area Affected : 70%					
				Location : Roof					
				Other Observation, Extent : Light, Area Affected : 60%					
				Location : Roof					
				Explanation : Equipment Has Been Removed, Will Be Replaced In The Near Future					
	Split Unit	40%			2027	\$1,194,300			
Heat Rejection									
	Dry Cooler	40%			2027	\$304,300	2	\$38,100	
	No Component	60%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$76,300	
	Exhaust Fans								
	Interior	50%			2027	\$248,800	2	\$2,100	
				Other Observation, Extent : Light, Area Affected : 50%					
				Location : Basement					
				Explanation : Air Handlers Serve For Ventilation					
	Roof	50%			2027	\$116,100	2	\$2,100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	25%			2037	**	1		
	Galvanized Steel	75%			2025	\$460,300	1		
				On Extended Life, Extent : Moderate, Area Affected : 75%					
				Location : Throughout					
	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	\$50,900	
	Backflow Preventer								
	Generic	100%			2032	**	1	\$8,400	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Unknown					
				Explanation : The Building Escort Had No Knowledge As To The Location Of This Device. Previous Reported Condition Left In Place.					

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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**

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$65,500	\$53,200
Interior Architecture	\$91,900	\$177,200
Electrical		\$404,000
Site Enclosure	\$256,600	
<b>Total</b>	<b>\$414,000</b>	<b>\$634,400</b>
Importance Code A	\$65,500	\$53,200
Importance Code B	\$311,300	\$581,200
Importance Code C	\$37,200	
<b>Total</b>	<b>\$414,000</b>	<b>\$634,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$900			
Electrical	\$2,200	\$2,000	\$2,000	\$2,000
<b>Total</b>	<b>\$3,100</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,000</b>
Importance Code A	\$900			
Importance Code B	\$2,200	\$2,000	\$2,000	\$2,000
<b>Total</b>	<b>\$3,100</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$2,000</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**  
**ASTORIA PARK ASTORIA POOL**  
**Asset # : 1108**

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	90%	Now	\$65,500	LIFE	**	5	\$53,200	
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%							
	Location : Perimeter Walls							
Fiberglass Panel	10%	0-2	\$900	2031	**	5	\$2,200	
	Other Observation, Extent : Moderate, Area Affected : 15%							
	Location : Stairs And Perimeter Walls Throughout							
	Explanation : Open Seams And Paint Peeling							
Interior								
Floors								
Cast in Place Concrete	100%	Now	\$91,900	LIFE	**	5	\$177,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
	Location : Various Locations Throughout							
	Paint Peeling, Extent : Moderate, Area Affected : 15%							
	Location : Various Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Fiberglas Coating Atop Concrete.							
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	\$37,200	2048	**			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 35%							
	Location : At Mounting Brackets							
Retaining Walls								
Masonry: Brick	100%	Now	\$219,400	2038	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Caorner And At Caps Of Walls							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Perimeter Walls Throughout							
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2028	\$8,900	1		
Lighting								
Exterior Lighting								
HID	100%			2023	\$224,300	10	\$200	
Alarm								
Security System								
Generic	100%			2028	\$179,700	1	\$20,300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Outside							
	Explanation : CCTV Surveillance Camera Monitor Located At The Bathhouse Supervisor Office							

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

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

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,051,900	\$40,700
Interior Architecture	\$609,900	\$41,800
Electrical		\$126,300
Mechanical	\$532,400	\$68,700
<b>Total</b>	<b>\$2,194,200</b>	<b>\$277,600</b>
Importance Code A	\$1,164,500	\$40,700
Importance Code B	\$699,500	\$236,800
Importance Code C	\$330,200	
<b>Total</b>	<b>\$2,194,200</b>	<b>\$277,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$21,000		\$14,700	
Interior Architecture	\$50,700			
Electrical	\$5,400	\$600	\$700	\$800
Mechanical	\$3,900	\$2,500	\$2,900	\$2,100
Site Pavements	\$4,900			
<b>Total</b>	<b>\$85,900</b>	<b>\$3,100</b>	<b>\$18,200</b>	<b>\$2,900</b>
Importance Code A	\$21,000	\$1,700	\$16,400	\$1,700
Importance Code B	\$36,900	\$1,400	\$1,800	\$1,200
Importance Code C	\$28,100			
<b>Total</b>	<b>\$85,900</b>	<b>\$3,100</b>	<b>\$18,200</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**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Glass Block	33%	Now	\$397,200	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	\$379,400	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	\$4,300	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	\$107,300	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	\$16,700	2033	**	5	\$40,700	
<i>Deteriorated Finish, Extent : Light, Area Affected : 30%</i>									
<i>Location : All Railings</i>									
	Slate	25%	Now	\$47,100	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>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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	\$120,900	LIFE	* *			
				Cracking/Crumbling, Extent : Moderate, Area Affected : 35%					
				Location : Throughout					
				Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Caulking Deteriorated, Extent : Moderate, Area Affected : 50%					
				Location : Over Basement					
				Spalling, Extent : Moderate, Area Affected : 35%					
				Location : Above Locker Rooms					
				Water Penetration, Extent : Moderate, Area Affected : 20%					
				Location : Locker Rooms, Basement					
Interior									
	Floors								
	Cast in Place Concrete	75%	Now	\$65,000	LIFE	* *	5	\$41,800	
				Cracking/Crumbling, Extent : Moderate, Area Affected : 20%					
				Location : Basement					
				Ponding, Extent : Moderate, Area Affected : 10%					
				Location : Basement					
				Spalling, Extent : Moderate, Area Affected : 15%					
				Location : Basement Corridors					
				Water Penetration, Extent : Severe, Area Affected : 25%					
				Location : Basement At Old Boiler Room					
	Ceramic Tile	10%	Now	\$20,200	2031	* *	5	\$1,300	
				Broken/Missing Elements, Extent : Severe, Area Affected : 5%					
				Location : Lifeguard Locker Rooms					
				Cracking/Crumbling, Extent : Moderate, Area Affected : 25%					
				Location : Male Restroom					
				Uneven Surface, Extent : Moderate, Area Affected : 10%					
				Location : Male Restroom					
				Worn/Eroded, Extent : Moderate, Area Affected : 30%					
				Location : Female Locker Rooms					
	Quarry Tile	15%			2033	* *	5	\$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.

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

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

## Interior

## Interior Walls

Cast in Place Concrete	40%	Now	\$274,300	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	\$23,200	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	\$56,000	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	\$214,600	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+	\$7,300	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	\$4,900	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		
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 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**  
**ASTORIA PARK BATH HOUSE - 02**  
**Asset # : 1107**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Transformers									
	Dry Type	100%			2048	**	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : One 225 And One 75 Kva 480/277hv-208/120lv									
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	\$4,900	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		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	30%			2058	**	1		
	Thermoplastic	20%			2048	**	1		
Motor Controllers									
	Locally Mounted	30%			2026	\$4,700	5		
	Locally Mounted	40%			2041	**	5		
	Variable Frequency Drive	30%			2048	**			
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$500	
Lighting									
Interior Lighting									
	Fluorescent	88%			2033	**	10	\$13,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
	Fluorescent	10%			2038	**	10	\$1,600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Basement And First Floor									
	Incandescent	2%			2023	\$1,900	2		
Egress Lighting									
	Exit, Service	100%			2023	\$5,000	1		
Exterior Lighting									
	HID	100%			2023	\$70,100	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**

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

## Alarm

Security System  
Generic

100% 2028 \$56,200 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*

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

## Heating

Conversion Equipment  
Steam Boiler

100% Now \$112,600 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 \$294,400 2058 \* \* 4 \$800  
*Abandoned in Place, Extent : Severe, Area Affected : 100%*  
*Location : Throughout*

## Terminal Devices

Convactor/Radiator

80% Now \$74,500 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 \$1,200 2023 \$12,400 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 \$68,700 1

Water Heater

Electric

100% 2027 \$15,300 4 \$200  
*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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Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%	Now	\$50,900	LIFE	* *	1		
				Leak Evident, Extent : Severe, Area Affected : 70%					
				Location : Basement					
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
				Corroded, Extent : Severe, Area Affected : 70%					
				Location : Basement					
				Leak Evident, Extent : Severe, Area Affected : 70%					
				Location : Basement					
	Sump Pump(s)								
	Non-Submersible	100%	Now	\$2,700	2038	* *	4	\$400	
				Abandoned in Place, Extent : Severe, Area Affected : 100%					
				Location : Basement					
	Sewage Ejector(s)								
	Electric	100%			2036	* *	4	\$1,000	
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : ASTORIA PARK FIELD HOUSE - 01  
**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$64,000	\$53,800
<b>Total</b>	<b>\$64,000</b>	<b>\$53,800</b>
Importance Code A	\$64,000	\$53,800
<b>Total</b>	<b>\$64,000</b>	<b>\$53,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$40,700			
Interior Architecture	\$30,200			
Electrical	\$100		\$100	
Mechanical	\$1,500	\$900	\$900	\$900
<b>Total</b>	<b>\$72,500</b>	<b>\$900</b>	<b>\$1,000</b>	<b>\$900</b>
Importance Code A	\$41,400	\$700	\$700	\$700
Importance Code B	\$18,300	\$200	\$300	\$200
Importance Code C	\$12,900			
<b>Total</b>	<b>\$72,500</b>	<b>\$900</b>	<b>\$1,000</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**  
**ASTORIA PARK FIELD HOUSE - 01**  
**Asset # : 1106**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	85%	0-2	\$64,000	LIFE	**	5	\$9,700		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Spalling, Extent : Light, Area Affected : 10%								
	Location : Throughout								
Masonry: Limestone	10%			LIFE	**	5	\$1,700		
Stucco Cement	5%			2033	**	5	\$1,400		
Windows									
Aluminum	85%	Now	\$23,300	2053	**	5	\$300	1	
	Air Infiltration, Extent : Moderate, Area Affected : 50%								
	Location : Basement And 1st Floor								
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
	Location : Basement And 1st Floor								
Glass Block	15%			LIFE	**	5	\$100		
Parapets									
Masonry: Brick	95%	0-2	\$10,200	LIFE	**	5	\$1,600		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Interior Parapet Wall Throughout								
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
	Location : Underside Of Coping Stones								
Masonry: Limestone	5%	Now	\$1,000	LIFE	**	5	\$100		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Coping Stones								
	Vegetation Growth, Extent : Moderate, Area Affected : 20%								
	Location : Coping Stones								
Roof									
Modified Bitumen	100%	0-2	\$5,400	2028	\$53,800				
	Alligatoring, Extent : Light, Area Affected : 20%								
	Location : At Seams Throughout								
	Debris Present, Extent : Moderate, Area Affected : 15%								
	Location : All Areas								
	Seams Open/Split, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
Interior									
Floors									
Cast in Place Concrete	30%	0-2	\$6,400	LIFE	**	5	\$6,200		
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
	Location : Stairs To Basement								
	Ponding, Extent : Moderate, Area Affected : 10%								
	Location : Basement								
	Water Penetration, Extent : Severe, Area Affected : 30%								
	Location : Perimeter Of Basement Slab From Surrounding Ground Water.								
Quarry Tile	25%			2033	**	5	\$3,500		
Terrazzo	45%			LIFE	**	5	\$6,600		

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

**DEPT. OF PARKS & RECREATION - 846**  
**ASTORIA PARK FIELD HOUSE - 01**  
**Asset # : 1106**

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

## Interior

## Interior Walls

Cast in Place Concrete      25%    Now      \$10,100    LIFE      \* \*

*Water Penetration, Extent : Severe, Area Affected : 20%*  
*Location : Perimeter Basement Walls*

Plaster      30%    4+      \$1,500    LIFE      \* \*    5      \$500

*Paint Peeling, Extent : Moderate, Area Affected : 10%*  
*Location : Stair To Basement*

SGFT/Glazed Masonry      45%      LIFE      \* \*    10      \$1,300

## Ceilings

Exposed Concrete      25%      LIFE      \* \*    5-10      \$2,900

Plaster      75%    0-2      \$5,100    LIFE      \* \*    5      \$4,400

*Horizontal Cracks, Extent : Light, Area Affected : 5%*  
*Location : Lobby Vestibule*

## Site Pavements

## On-Site Walkways

Asphalt      100%      2031      \* \*

*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Throughout*  
*Explanation : Component Actually Crushed Gravel*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      100%      2038      \* \*    5

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Electrical Room Basement*  
*Explanation : One 400 Amperes Main Disconnect Switch*

## Transformers

Dry Type      100%      2033      \* \*    5

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Basement*  
*Explanation : One 112.5 208hv-208/120lv*

## Switchgear / Switchboard

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

## Raceway

Conduit      100%      2038      \* \*    1

## Panelboards

Fused Disc Sw      5%      2036      \* \*    5

Molded Case Bkrs      95%      2036      \* \*    5      \$200

## Wiring

Thermoplastic      100%      2038      \* \*    1

## Motor Controllers

Locally Mounted      100%      2033      \* \*    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**  
**ASTORIA PARK FIELD HOUSE - 01**  
**Asset # : 1106**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2028	\$15,700	10	\$6,000	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T-12 Lamps								
	Exterior Lighting								
	HID	100%			2028	\$27,200	10		
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2048	* *	5	\$2,000	
	Conversion Equipment								
	Steam Boiler	100%			2048	* *	1	\$6,500	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Mechanical Room								
	Explanation : 1 Brand New Unit								
	Distribution								
	Steam Piping/Pump	100%			2038	* *			
	Terminal Devices								
	Convactor/Radiator	100%	Now	\$700	2033	* *	1	\$1,900	
	Leak Evident, Extent : Moderate, Area Affected : 5%								
	Location : Male Bathroom								
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Window/Wall Unit	25%			2026	\$3,500	1		
	No Component	75%							
Ventilation									
	Exhaust Fans								
	Wall Unit	40%			2023	\$1,000	2	\$100	
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2038	* *	1		
	Galvanized Steel	50%			2026	\$14,800	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**  
**ASTORIA PARK FIELD HOUSE - 01**  
**Asset # : 1106**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Electric	100%			2027	\$5,900	4	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : One Unit							
	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$301,600	\$36,400
Interior Architecture	\$491,500	
Electrical		\$92,500
Mechanical		\$712,900
<b>Total</b>	<b>\$793,100</b>	<b>\$841,800</b>
Importance Code A	\$301,600	\$36,400
Importance Code B	\$81,500	\$805,500
Importance Code C	\$409,900	
<b>Total</b>	<b>\$793,100</b>	<b>\$841,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,400			
Interior Architecture	\$29,300			
Electrical			\$100	\$100
Mechanical	\$21,100	\$500	\$300	\$1,300
<b>Total</b>	<b>\$69,700</b>	<b>\$500</b>	<b>\$300</b>	<b>\$1,400</b>
Importance Code A	\$19,400			
Importance Code B	\$49,300	\$500	\$300	\$1,400
Importance Code C	\$1,100			
<b>Total</b>	<b>\$69,700</b>	<b>\$500</b>	<b>\$300</b>	<b>\$1,400</b>



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

*Estimates are rounded to the nearest hundred dollars.*

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

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

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

**Asset # : 1109**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	5%			LIFE	**	5	\$8,100	
	Masonry: Brick	95%	Now	\$202,400	LIFE	**	5	\$15,400	
	Diagonal Cracks, Extent : Severe, Area Affected : 15%								
	Location : East/ West Facades At Corners And Wall Penetrations								
	Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
	Location : West Facade								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Paint Peeling, Extent : Severe, Area Affected : 100%								
	Location : All Facades								
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%								
	Location : Wall Penetrations								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : East Facade								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : All Facades								
Windows									
	Steel	100%	Now	\$10,100	2053	**	5	\$1,100	
	Air Infiltration, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Thermally Inefficient, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
Parapets									
	Metal Rail	75%			2033	**	5-10	\$59,900	
	Metal Security Bars	15%			2043	**			
	Slate	10%	Now	\$54,400	LIFE	**	5	\$400	
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Coping Stones Throughout								
	Miss/Damaged Copings, Extent : Severe, Area Affected : 25%								
	Location : West And East Facades								
Roof									
	Built-Up (BUR)	5%	Now	\$5,200	2038	**			
	Blisters, Extent : Moderate, Area Affected : 35%								
	Location : Over Concession Stand								
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Over Concession Stand								
	Cast in Place Concrete	95%	Now	\$44,800	LIFE	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Steps And Bleachers								
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%								
	Location : Steps And Bleachers								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : At Eastern Parapet Walls								

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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			
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	100%	Now	\$27,700	LIFE	* *	5	\$26,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Basement Slab									
Ponding, Extent : Moderate, Area Affected : 25%									
Location : Basement									
Worn/Eroded, Extent : Moderate, Area Affected : 60%									
Location : Basement Slab									
Interior Walls									
	Cast in Place Concrete	95%	Now	\$409,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout Basement									
Paint Peeling, Extent : Moderate, Area Affected : 10%									
Location : Throughout Basement									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : East And West Basement Walls									
Staining/Discoloring, Extent : Severe, Area Affected : 50%									
Location : East And West Basement Walls									
Water Penetration, Extent : Severe, Area Affected : 30%									
Location : Basement - From Water Tanks At Grade And Scum Gutters At Pool Basin									
	Plaster	5%	Now	\$1,100	LIFE	* *	5	\$200	
Deteriorated Finish, Extent : Severe, Area Affected : 50%									
Location : Stairwell									
Ceilings									
	Exposed Concrete	95%	Now	\$81,500	LIFE	* *	5	\$1,800	
Exposed Reinforcement, Extent : Severe, Area Affected : 10%									
Location : Various Locations Throughout Basement									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Various Locations Throughout Basement									
Water Penetration, Extent : Severe, Area Affected : 50%									
Location : At Pipes And Parapet Walls									
	Plaster	5%	2-4	\$400	LIFE	* *	5	\$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Basement									
Paint Peeling, Extent : Moderate, Area Affected : 20%									
Location : First Floor									

Electrical		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$5,300	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room 1st Floor									
Explanation : One 400 Amperes Main Disconnect Switch									

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

**Asset # : 1109**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2028	\$53,300	5	\$200	
	Raceway								
	Conduit	100%			2028	\$5,900	1		
	Panelboards								
	Fused Disc Sw	15%			2027	\$1,200	5		
	Fused Disc Sw	5%			2053	* *	5		
	Molded Case Bkrs	80%			2027	\$16,900	5	\$200	
	Wiring								
	Thermoplastic	95%			2028	\$6,900	1		
	Thermoplastic	5%			2058	* *	1		
	Motor Controllers								
	Locally Mounted	50%			2026	\$39,200	5		
	Motor Control Center	40%			2026	\$31,400	5	\$100	
	Variable Frequency Drive	10%			2048	* *			
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	90%			2033	* *	10	\$6,700	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
	HID	10%			2033	* *	10		
	Exterior Lighting								
	HID	100%			2023	\$33,600	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2028	\$141,200	4	\$600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : From Bath House							
		Explanation : Delivered From Adjacent Building							
Terminal Devices									
	Fan Coil Unit/Heat	100%			2028	\$125,000	1	\$2,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Have Not Been Used For Long Time							

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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 PUMP/ FILTER ROOM AND CONCESSION**  
**Asset # : 1109**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Galvanized Steel	100%	0-2	\$14,600	2033	* *	1		
	On Extended Life, Extent : Severe, Area Affected : 50%							
	Location : Piping System							
	Other Observation, Extent : Severe, Area Affected : 80%							
	Location : Throughout							
	Explanation : Corroded And Leaks At Valves, Pumps And Piping.							
Sanitary Piping Cast Iron	100%	Now	\$6,100	LIFE	* *	1		
	Leak Evident, Extent : Severe, Area Affected : 10%							
	Location : Tunnel							
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%			2023	\$1,300	4	\$300	
Pool Filter/Treatment Activated Carbon	100%			2026	\$446,700	4	\$2,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Court Yard							
	Explanation : Temporary Filter Tanks							
Fixtures Generic	100%							
	Obsolete Fixtures, Extent : Moderate, Area Affected : 100%							
	Location : 1st Floor							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,588,700	\$231,900
Interior Architecture	\$1,036,400	\$48,000
Electrical	\$243,400	\$55,000
Mechanical	\$464,700	\$1,034,200
<b>Total</b>	<b>\$3,333,100</b>	<b>\$1,369,100</b>
Importance Code A	\$1,588,700	\$466,300
Importance Code B	\$1,332,000	\$902,900
Importance Code C	\$412,400	
<b>Total</b>	<b>\$3,333,100</b>	<b>\$1,369,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$44,200			
Interior Architecture	\$24,400			\$900
Electrical	\$61,700	\$400	\$5,500	
Mechanical	\$52,200	\$4,600	\$13,000	\$4,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$186,500</b>	<b>\$9,000</b>	<b>\$22,400</b>	<b>\$9,500</b>
Importance Code A	\$49,400	\$3,500	\$3,500	\$3,500
Importance Code B	\$124,300	\$5,400	\$18,900	\$6,000
Importance Code C	\$12,800			
<b>Total</b>	<b>\$186,500</b>	<b>\$9,000</b>	<b>\$22,400</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**  
**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								
	Glass Block	30%	Now	\$245,600	LIFE	* *	5	\$7,100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%							
		Location : Flush Glass Block Portions - Locker Rooms							
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 30%							
		Location : At Lintels In Toilet Rooms							
	Masonry: Brick	45%	Now	\$279,200	LIFE	* *	5	\$17,000	1
		Diagonal Cracks, Extent : Severe, Area Affected : 20%							
		Location : Northeast And Southeast Corners; Flanking Stairs To Roof							
		Efflorescence, Extent : Moderate, Area Affected : 85%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 15%							
		Location : Northeast And Southeast Corners							
		Vegetation Growth, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Vertical Cracks, Extent : Severe, Area Affected : 25%							
		Location : Northeast And Southeast Corners And Flanking Stairs To Roof							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Masonry: Marble	4%	Now	\$59,400	LIFE	* *	5	\$1,100	
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Entrances To Mens / Womens Wings At Entrance							
		Protect.Netting in Place, Extent : Severe, Area Affected : 25%							
		Location : Entrances To Mens / Womens Wings At Entrance							
	Masonry: Sandstone	8%	Now	\$252,800	LIFE	* *	5	\$2,300	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Overhead At Entry Vestibule							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%							
		Location : Overhead At Glass Block Openings							
		Repairs in Progress, Extent : Light, Area Affected : 15%							
		Location : Overhead At Entry Vesibule							
		Other Observation, Extent : Severe, Area Affected : 25%							
		Location : Overhead Lintels At Glass Block Openings							
		Explanation : Rusting Masonry Support							
	Metal Sect. OHD	2%	Now	\$25,700	2046	* *	5	\$1,200	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : East Wall, Entries To Roof Top Area							
		Explanation : Gate - Overhead Doors Rusted / Corroded							
	Metal: Cage/Fence	6%			2039	* *	5	\$9,900	
	Pre-Cast Concrete	5%	Now	\$13,600	LIFE	* *	5	\$6,100	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**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	\$13,600	LIFE	**	5	\$6,100	
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Parapets								
	Masonry: Sandstone	35%	Now	\$338,800	LIFE	**	5	\$22,100	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Loose Units, Extent : Severe, Area Affected : 10%							
		Location : At Stairs And Railing Connections							
		Worn/Eroded, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 30%							
		Location : Perimeter At Upper Roof							
		Explanation : Improper Mortar/flashing							
	Metal Rail	65%	2-4	\$95,000	2031	**	5	\$231,900	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout, Coping							
		Loose/Miss Fasteners, Extent : Severe, Area Affected : 15%							
		Location : At Brick Connections							
Roof									
	Built-Up (BUR)	70%	Now	\$205,700	2036	**			1
		Alligatoring, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Debris Present, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Drains Inad/Misposn, Extent : Severe, Area Affected : 35%							
		Location : Lower Roofs, West Side Upper Roof							
		Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Ponding, Extent : Severe, Area Affected : 40%							
		Location : Low Roofs, At North And South Sides, West Side Upper Roof							
		Worn/Eroded, Extent : Severe, Area Affected : 60%							
		Location : Throughout							
	Modified Bitumen	30%	Now	\$112,100	2036	**			1
		Water Penetration, Extent : Severe, Area Affected : 35%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Upper Roof							
		Explanation : Shade Structure							

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**  
**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
Interior									
Floors									
	Cast in Place Concrete	60%			LIFE	**	5	\$48,000	
	Ceramic Tile	15%	Now	\$11,600	2029	**	5	\$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Locker Rooms Throughout, Basement									
	Marble Panels	5%			LIFE	**	5	\$1,400	
	Vinyl Tile	20%	Now	\$67,800	2036	**	3	\$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%									
Location : Throughout Basement And 2nd Floor Office									
Uneven Surface, Extent : Moderate, Area Affected : 35%									
Location : Throughout Basement And 2nd Floor Office									
Interior Walls									
	Cast in Place Concrete	25%	Now	\$207,400	LIFE	**			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%									
Location : Basement Walls, Columns									
Water Penetration, Extent : Severe, Area Affected : 5%									
Location : Various Basement Locations									
	Concrete Masonry Unit	15%			LIFE	**	5	\$7,200	
	Masonry: Brick	5%	Now	\$12,800	LIFE	**			
Diagonal Cracks, Extent : Severe, Area Affected : 10%									
Location : Northwest Basement Doorway									
Spalling, Extent : Moderate, Area Affected : 10%									
Location : Basement									
	Plaster	25%	Now	\$52,600	LIFE	**	5	\$9,000	
Worn/Eroded, Extent : Severe, Area Affected : 20%									
Location : Toilets, Offices, Entrance Rotunda									
	SGFT/Glazed Masonry	30%	Now	\$152,400	LIFE	**			
Staining/Discoloring, Extent : Severe, Area Affected : 15%									
Location : Locker Rooms									

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**  
**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
Interior									
	Ceilings								
	Exposed Concrete	60%	Now	\$231,000	LIFE	* *	5	\$3,400	
		Exposed Reinforcement, Extent : Severe, Area Affected : 15%							
		Location : Basement Beams And Ceiling							
		Paint Peeling, Extent : Severe, Area Affected : 20%							
		Location : Throughout Basement							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Basement, Both Gymnasium							
	Exposed Struc: Steel	10%	Now	\$168,000	LIFE	* *			
		Corrosion/Rusting, Extent : Severe, Area Affected : 20%							
		Location : Underside Of Shade Structure On Roof							
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Upper Roof							
		Explanation : Shade Structure							
	Plaster	30%	Now	\$157,100	LIFE	* *	5	\$6,900	
		Loose/Delam Surface, Extent : Moderate, Area Affected : 30%							
		Location : Toilet / Shower Rooms							
		Water Penetration, Extent : Severe, Area Affected : 30%							
		Location : Toilet / Shower Rooms							

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%	0-2	\$1,600	2056	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : No Available Nameplate Ratings , On Extended Life							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%	0-2	\$26,700	2056	* *	5	\$500	
		On Extended Life, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Raceway								
	Conduit	100%			2026	\$4,100	1		
	Panelboards								
	Molded Case Bkrs	80%			2025	\$13,000	5	\$700	
	Molded Case Bkrs	20%	2-4	\$3,300	2051	* *	5	\$100	
		Enclosure Corroded, Extent : Moderate, Area Affected : 20%							
		Location : Basement							

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**DEPT. OF PARKS & RECREATION - 846**  
**BETSY HEAD MEMORIAL PLAYGROUND BATHHOUSE BLDG.**  
**Asset # : 183**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Wiring									
	Braided Cloth	80%	2-4	\$7,100	2051	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	20%			2026	\$1,800	1		
Motor Controllers									
	Locally Mounted	60%			2024	\$18,800	5	\$100	
	Locally Mounted	40%	2-4	\$12,600	2046	**	5		
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Mechanical Area									
Ground									
Grounding Devices									
	Generic	100%	0-2	\$10,400	LIFE	**	5	\$500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Water Main In Basement									
Explanation : Corroded									
Lighting									
Interior Lighting									
	Fluorescent	3%			2021	\$2,500	10	\$1,000	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	Fluorescent	65%			2026	\$55,000	10	\$21,100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	HID	30%			2021	\$94,800	10	\$300	
	Incandescent	2%			2021	\$4,000	2		
Egress Lighting									
	Emergency, Service	50%			2026	\$9,500	1		
	Exit, Service	50%			2026	\$5,200	1		
Exterior Lighting									
	HID	100%			2021	\$146,000	10	\$100	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source									
	Fuel Oil No 2	100%			2026	\$70,600	5	\$11,000	
Conversion Equipment									
	Steam Boiler	100%			2024	\$234,400	1	\$35,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement Boiler Room									
Explanation : 2 Units									

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

**Asset # : 183**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%	Now	\$122,600	2026	\$613,000	4	\$1,700	
				Corroded, Extent : Severe, Area Affected : 30%					
				Location : Throughout Basement					
				Leak Evident, Extent : Severe, Area Affected : 10%					
				Location : Vacuum Pumps, Basement					
				Obsolete Equipment, Extent : Severe, Area Affected : 100%					
				Location : 2 Vacuum Pumps, Basement					
Terminal Devices									
	Air Handler	20%	Now	\$101,900	2036	* *	1	\$3,900	
				Unit Inoperable, Extent : Severe, Area Affected : 50%					
				Location : Basement Fan Room					
	Convactor/Radiator	60%			2024	\$116,300	1	\$6,900	
	Unit Heater - Steam	20%	0-2	\$25,900	2036	* *	4	\$600	
				Other Observation, Extent : Severe, Area Affected : 20%					
				Location : Various Locations					
				Explanation : Obsolete Units					
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
Conversion Equipment									
	Int Pkg Unit - Heating/Cooling	10%	Now	\$7,700	2020	\$77,000	2	\$200	
				Not in Service, Extent : Severe, Area Affected : 10%					
				Location : Basement					
	Window/Wall Unit	5%			2019	\$3,800	1		
	No Component	85%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$19,800	
Exhaust Fans									
	Interior	40%	Now	\$5,200	2021	\$51,500	2	\$300	
				Not in Service, Extent : Severe, Area Affected : 10%					
				Location : Basement Fan Room					
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$54,000	2036	* *	1		
				Corroded, Extent : Severe, Area Affected : 30%					
				Location : Throughout Basement					

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

**Asset # : 183**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger Steam Fired	100%	0-2	\$57,700	2056	* *	4	\$3,500	
	Corroded, Extent : Severe, Area Affected : 80%							
	Location : Basement Boiler Room							
	On Extended Life, Extent : Severe, Area Affected : 100%							
	Location : Basement							
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Non-Submersible	100%	Now	\$5,500	2036	* *	4	\$700	
	Obsolete Equipment, Extent : Severe, Area Affected : 100%							
	Location : Basement							
Fixtures Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : C-1							
	Explanation : 1 Unit							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$153,900
Interior Architecture	\$91,900	\$177,200
Electrical		\$222,900
Mechanical		\$242,600
<b>Total</b>	<b>\$91,900</b>	<b>\$796,600</b>
Importance Code A		\$153,900
Importance Code B	\$91,900	\$642,700
<b>Total</b>	<b>\$91,900</b>	<b>\$796,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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.  
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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**  
**BETSY HEAD MEMORIAL PLAYGROUND BETSY HEAD POOL, OLYMPIC**  
**Asset # : 2700**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	100%			LIFE		**	5	\$153,900	
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## Interior

## Floors

Cast in Place Concrete	100%	Now	\$91,900	LIFE		**	5	\$177,200	
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*Loose/Delam Surface, Extent : Moderate, Area Affected : 15%**Location : Throughout**Paint Peeling, Extent : Light, Area Affected : 15%**Location : Throughout*

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

## Under 600 Volts

## Raceway

Not Accessible	100%								
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## Wiring

Not Accessible	100%								
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## Lighting

## Exterior Lighting

HID	100%			2026		\$222,900	10	\$200	
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Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2024		\$242,600	1		
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## Storm Drain Piping

Cast Iron	100%			LIFE		**	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.*

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

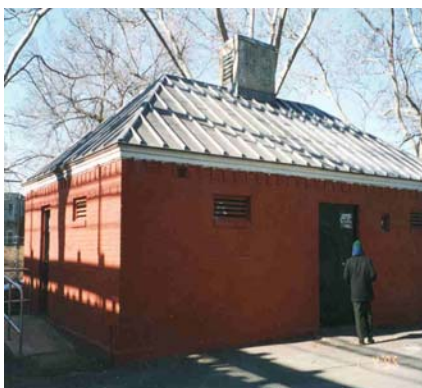
**Asset Name** : BETSY HEAD MEMORIAL PLAYGROUND COMFORT STATION  
**Address** : 167 LIVONIA AVE.  
**Borough** : BROOKLYN **Agency's Number** : B008-02A  
**Program / Asset #** : PAR0097.02A / 598 **Yr Built/Renovated** : 1940 /  
**Area Sq Ft** : 900 **Project Type** : PARKS AND RECREATION  
**Date 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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,600			
Interior Architecture	\$4,200			
Electrical	\$15,600		\$2,800	
Mechanical	\$500		\$2,000	
<b>Total</b>	<b>\$27,000</b>		<b>\$4,800</b>	
Importance Code A	\$6,800		\$2,000	
Importance Code B	\$19,500		\$2,800	
Importance Code C	\$600			
<b>Total</b>	<b>\$27,000</b>		<b>\$4,800</b>	



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

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	100%	2-4	\$4,800	LIFE	* *	5	\$3,200	
		Diagonal Cracks, Extent : Light, Area Affected : 15%							
		Location : All Facades							
	Windows								
	Metal Louvers	5%	Now	\$100	2041	* *			
		Bent/Warped Elements, Extent : Moderate, Area Affected : 100%							
		Location : All Facades							
	No Component	95%							
Roof									
	Metal Panel	100%	2-4	\$1,700	2031	* *			
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%							
		Location : Perimeter Eaves							
Interior									
	Floors								
	Cast in Place Concrete	50%			LIFE	* *	5	\$1,400	
	Ceramic Tile	50%	Now	\$600	2029	* *	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Bathrooms							
		Explanation : Staining / Discoloring							
	Interior Walls								
	Plaster	50%	Now	\$600	LIFE	* *	5	\$500	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	SGFT/Glazed Masonry	50%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Explanation : Cracking							
	Ceilings								
	Exposed Concrete	50%	Now	\$2,100	LIFE	* *	5	\$100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Facilities / Equipment Area							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Facilities / Equipment Area							
		Staining/Discoloring, Extent : Moderate, Area Affected : 50%							
		Location : Facilities / Equipment Area							
	Plaster	50%	Now	\$900	LIFE	* *	5	\$400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout Toilet Areas							

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

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

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$1,500	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Main Service Switch Rated @ 100 Amperes							
	Raceway								
	Conduit	100%			2026	\$3,700	1		
	Panelboards								
	Fused Toggle Switch	100%	2-4	\$7,500	2051	* *	5		
		On Extended Life, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
	Wiring								
	Braided Cloth	100%	2-4	\$8,200	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2021	\$2,000	10	\$800	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2026	\$100	1		
	Conversion Equipment								
	Furnace	100%	Now	\$200	2021	\$2,000	1	\$400	
	Malfunctioning, Extent : Severe, Area Affected : 100%								
	Location : Equipment Room								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Equipment Room								
	Explanation : 1 Unit								
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2031	* *	1		
	Water Heater								
	Electric	100%			2024	\$700	4		
	Sanitary Piping								
	Cast Iron	100%	Now	\$300	LIFE	* *	1		
	Blockage /Clogged, Extent : Severe, Area Affected : 20%								
	Location : Equipment Room								

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**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 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>Priority</b>
Plumbing	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.

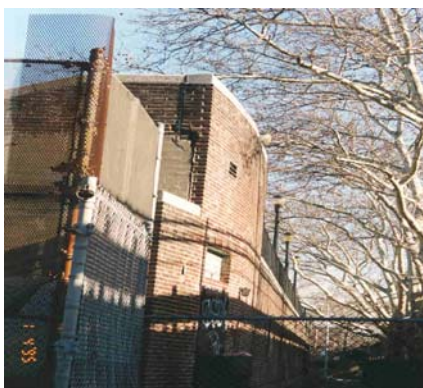
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$203,800	
Interior Architecture	\$68,400	\$42,600
Electrical	\$38,000	\$64,900
Mechanical	\$170,800	\$452,000
<b>Total</b>	<b>\$481,000</b>	<b>\$559,500</b>
Importance Code A	\$203,800	
Importance Code B	\$277,200	\$559,500
<b>Total</b>	<b>\$481,000</b>	<b>\$559,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,300		\$30,500	
Interior Architecture				
Electrical	\$17,700	\$100	\$31,600	
Mechanical	\$19,000	\$2,000	\$400	\$400
<b>Total</b>	<b>\$64,900</b>	<b>\$2,100</b>	<b>\$62,400</b>	<b>\$400</b>
Importance Code A	\$28,300		\$30,500	
Importance Code B	\$36,600	\$2,100	\$32,000	\$400
<b>Total</b>	<b>\$64,900</b>	<b>\$2,100</b>	<b>\$62,400</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**  
**BETSY HEAD MEMORIAL PLAYGROUND FILTER HOUSE BLDG.**  
**Asset # : 597**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%			LIFE	* *	5	\$13,900	
		Vertical Cracks, Extent : Light, Area Affected : 5% Location : Foundation							
	Masonry: Brick	90%	Now	\$165,000	LIFE	* *	5	\$25,100	1
		Diagonal Cracks, Extent : Severe, Area Affected : 15% Location : Southeast Corner Horizontal Cracks, Extent : Severe, Area Affected : 20% Location : South / West Facades Misaligned/Bulging, Extent : Moderate, Area Affected : 10% Location : Corners							
Windows									
	Metal Louvers	10%	Now	\$38,800	2041	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 100% Location : South Facade Other Observation, Extent : Severe, Area Affected : 100% Location : South Facade Explanation : Windows Opening Boarded Up							
	No Component	90%							
Parapets									
	Masonry: Brick	50%			LIFE	* *	5	\$6,700	
	Metal: Cage/Fence	50%			2031	* *	5-10	\$52,200	
Roof									
	Cast in Place Concrete	100%	Now	\$28,300	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Corners Vegetation Growth, Extent : Moderate, Area Affected : 25% Location : Corners Water Penetration, Extent : Moderate, Area Affected : 15% Location : Throughout							
Interior									
Floors									
	Cast in Place Concrete	100%			LIFE	* *	5	\$42,600	
Interior Walls									
	Cast in Place Concrete	90%			LIFE	* *			
	Masonry: Brick	10%			LIFE	* *			
Ceilings									
	Exposed Concrete	100%	Now	\$68,400	LIFE	* *	5	\$3,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : Throughout Exposed Reinforcement, Extent : Moderate, Area Affected : 25% Location : Throughout Spalling, Extent : Moderate, Area Affected : 30% Location : Throughout Water Penetration, Extent : Moderate, Area Affected : 25% Location : Throughout							

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2036	**	5		
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : Basement									
Explanation : Main Service Switch Rated @ 1200 Amperes - Enclosure Corroded									
Switchgear / Switchboard									
	Fused Disc Sw	50%			2036	**	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 50%									
Location : Basement									
	Molded Case Bkrs	50%			2026	\$40,200	5	\$100	
Raceway									
	Conduit	70%			2026	\$4,100	1		
	Conduit	30%			2036	**	1		
Panelboards									
	Molded Case Bkrs	80%			2025	\$11,900	5	\$200	
	Molded Case Bkrs	20%			2034	**	5		
Wiring									
	Braided Cloth	70%	2-4	\$10,600	2051	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	30%			2046	**	1		
Motor Controllers									
	Locally Mounted	70%			2024	\$24,700	5		
	Locally Mounted	20%	2-4	\$7,100	2046	**	5		
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	Locally Mounted	10%			2031	**	5		
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	20%			2021	\$28,700	10	\$2,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	HID	80%			2021		10	\$300	
Egress Lighting									
	Emergency, Service	50%			2026	\$6,900	1		
	Exit, Service	50%			2026	\$800	1		
Exterior Lighting									
	HID	100%			2021	\$38,000	10		

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

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Distribution									
	Central Plant Steam Piping/Pmp	100%	Now	\$67,600	2036	* *	4	\$600	
Corroded, Extent : Severe, Area Affected : 40%									
Location : Throughout									
Terminal Devices									
	Convactor/Radiator	75%	2-4	\$53,400	2046	* *	1	\$2,800	
On Extended Life, Extent : Severe, Area Affected : 75%									
Location : Throughout									
	Fan Coil Unit/Heat	25%	2-4	\$49,800	2036	* *	1	\$900	
On Extended Life, Extent : Severe, Area Affected : 25%									
Location : Various Areas									
Plumbing									
H/C Water Piping									
	Galvanized Steel	100%	Now	\$17,500	2031	* *	1		
Corroded, Extent : Severe, Area Affected : 40%									
Location : Pump Room									
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%	Now	\$1,400	2036	* *	4	\$200	
Obsolete Equipment, Extent : Severe, Area Affected : 100%									
Location : Basement									
Pool Filter/Treatment									
	Diatomaceous Earth	100%			2024	\$452,000	4	\$4,800	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$50,100	
Mechanical		\$115,900
<b>Total</b>	<b>\$50,100</b>	<b>\$115,900</b>
Importance Code B	\$50,100	\$115,900
<b>Total</b>	<b>\$50,100</b>	<b>\$115,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,100		\$19,200	\$6,000
Interior Architecture	\$28,800	\$100		\$300
Electrical	\$200	\$100	\$22,200	\$100
Mechanical	\$600	\$800	\$1,300	\$700
<b>Total</b>	<b>\$63,700</b>	<b>\$1,000</b>	<b>\$42,800</b>	<b>\$7,200</b>
Importance Code A	\$34,600	\$500	\$19,800	\$6,500
Importance Code B	\$19,200	\$500	\$23,000	\$700
Importance Code C	\$9,900			
<b>Total</b>	<b>\$63,700</b>	<b>\$1,000</b>	<b>\$42,800</b>	<b>\$7,200</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**  
**BOWNE HOUSE**  
**Asset # : 14454**

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	5%			LIFE	**	5	\$600			
		Recent Repair Evident, Extent : Light, Area Affected : 25%									
		Location : Chimney									
	Wood	10%			2031	**	5	\$5,500			
		Recent Repair Evident, Extent : Light, Area Affected : 25%									
		Location : Trims, Overhangs									
	Wood	25%			2043	**	5	\$13,700			
		Recent Replace Evident, Extent : Light, Area Affected : 100%									
		Location : Throughout									
		Other Observation, Extent : Moderate, Area Affected : 100%									
	Location : Throughout										
	Explanation : Wood Shingles										
	Wood	60%			2031	**	5	\$33,000			
		Recent Repair Evident, Extent : Light, Area Affected : 50%									
Location : Throughout											
Other Observation, Extent : Moderate, Area Affected : 100%											
Location : Throughout											
Explanation : Wood Shingles											
Windows											
Wood	100%			2042	**	5	\$12,100				
	Recent Repair Evident, Extent : Light, Area Affected : 75%										
	Location : Throughout										
Roof											
Wood Shingles	100%	Now		\$34,100	2041	**					
	Recent Replace Evident, Extent : Light, Area Affected : 100%										
	Location : Throughout										
	Water Penetration, Extent : Moderate, Area Affected : 10%										
Location : Attic											
Interior											
Floors											
Carpet	10%			2025		\$9,700	3	\$1,400			
	Vinyl Tile	10%			2026		\$6,500	3	\$300		
		Wood	80%	Now		\$50,100	2041	**	5	\$5,200	
			Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen											
Interior Walls											
Masonry: Brick	10%			LIFE		**					
	Plaster	80%	Now		\$9,900	LIFE	**	5	\$2,000		
		Deteriorated Finish, Extent : Moderate, Area Affected : 10%									
		Location : Throughout									
Paint Peeling, Extent : Moderate, Area Affected : 20%											
Location : Throughout											
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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**DEPT. OF PARKS & RECREATION - 846**  
**BOWNE HOUSE**  
**Asset # : 14454**

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

## Interior

## Ceilings

Exposed Struc: Wood

20%

LIFE

\* \*

*Recent Repair Evident, Extent : Light, Area Affected : 25%**Location : Basement**Water Penetration, Extent : Moderate, Area Affected : 10%**Location : Attic*

Plaster

75%

Now

\$16,800

LIFE

\* \*

5

\$3,300

*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%**Location : Throughout, Kitchen**Paint Peeling, Extent : Moderate, Area Affected : 25%**Location : Throughout*

Wood

5%

4+

\$1,800

LIFE

\* \*

5

\$3,000

*Deteriorated Finish, Extent : Moderate, Area Affected : 10%**Location : Throughout*

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

## Under 600 Volts

## Service Equipment

Molded Case Bkrs

100%

2036

\* \*

5

\$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : One 200 Amperes Main Disconnect Switch*

## 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

\$4,400

10

\$1,700

*T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%**Location : 1st Floor And Basement*

Incandescent

60%

2021

\$15,900

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

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

## Alarm

## Security System

No Component

50%

Generic

50%

2026

\$7,700

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*

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

## Heating

## Energy Source

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

\$80,500

4

\$200

Piping/Pmp

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

## Terminal Devices

Convactor/Radiator

100%

2024

\$25,400

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

\$35,400

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**  
**BOWNE HOUSE**  
**Asset # : 14454**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Sump Pump(s)							
	Submersible	100%		2020	\$200	4	\$100	
Fixtures								
	Generic	100%						
Abandoned in Place, Extent : Severe, Area Affected : 25%								
Location : 2nd Floor Of Serve Court								

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$722,200	
Interior Architecture	\$107,700	\$55,500
Electrical		\$195,000
Mechanical	\$41,300	\$237,400
<b>Total</b>	<b>\$871,200</b>	<b>\$488,000</b>
Importance Code A	\$722,200	
Importance Code B	\$149,000	\$488,000
<b>Total</b>	<b>\$871,200</b>	<b>\$488,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$21,500		\$3,300	
Interior Architecture	\$12,700		\$1,600	\$4,800
Electrical	\$7,400	\$8,300	\$6,000	\$7,100
Mechanical	\$23,000	\$7,400	\$19,600	\$8,200
<b>Total</b>	<b>\$64,600</b>	<b>\$15,700</b>	<b>\$30,500</b>	<b>\$20,100</b>
Importance Code A	\$25,600	\$4,100	\$7,500	\$4,200
Importance Code B	\$39,000	\$11,500	\$23,000	\$15,900
Importance Code C				
<b>Total</b>	<b>\$64,600</b>	<b>\$15,700</b>	<b>\$30,500</b>	<b>\$20,100</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**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	60%	Now	\$331,700	LIFE	* *	5	\$27,500	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Corners							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
	Masonry: Limestone	5%	Now	\$50,100	LIFE	* *	5	\$1,700	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 10%							
		Location : Panels At Main Entrance							
	Metal Sect. OHD	10%			2043	* *	5	\$14,300	
	Pre-Cast Concrete	5%			LIFE	* *	5	\$7,500	
	Wood Overhead Doors	20%	Now	\$87,000	2031	* *	5	\$22,900	
		Broken/Missing Elements, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Windows									
	Aluminum	2%			2042	* *	5	\$100	
	Steel	98%	Now	\$216,600	2051	* *	5	\$26,000	
		Bent/Warped Elements, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Parapets									
	Masonry: Brick	20%	Now	\$8,800	LIFE	* *	5	\$500	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Shops							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : Throughout Shops							
	Metal Rail	25%			2039	* *	5-10	\$11,600	
	Pre-Cast Concrete	5%			LIFE	* *	5	\$800	
	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**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

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

Exterior

Roof

Asphalt Shingle

5% Now \$600 2035 \* \*

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

*Location : South Wing*

Cast in Place Concrete

20% Now \$5,000 LIFE \* \*

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

*Location : Over Shops*

Modified Bitumen

10% 2031 \* \* 10 \$1,800

Modified Bitumen

8% 2031 \* \* 10 \$1,500

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

*Location : Over Shops*

*Explanation : Green Roof*

Skylight, Metal/Glass

2% 2046 \* \* 10 \$1,200

Slate

15% LIFE \* \*

Slate

40% Now \$36,800 LIFE \* \*

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

*Location : North And South Wings*

*Worn/Eroded, Extent : Moderate, Area Affected : 30%*

*Location : Throughout*

Interior

Floors

Carpet

15% 2025 \$121,300 3 \$19,000

Cast in Place Concrete

40% LIFE \* \* 5 \$55,500

Ceramic Tile

25% 2029 \* \* 5 \$15,900

Vinyl Tile

20% 2021 \$107,700 3 \$4,800

Interior Walls

Concrete Masonry Unit

45% LIFE \* \* 5 \$17,700

Glazed Ceramic Panel

15% LIFE \* \*

Gypsum Board

15% LIFE \* \* 5 \$8,800

Masonry: Brick

5% LIFE \* \*

Plaster

15% LIFE \* \* 5 \$4,400

Plywood/Hardboard

5% LIFE \* \*

Ceilings

Exposed Concrete

45% LIFE \* \* 5 \$4,500

Exposed Struc: Wood

25% LIFE \* \*

Gypsum Board

15% LIFE \* \* 5 \$11,900

Plaster

15% LIFE \* \* 5 \$5,900

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

Under 600 Volts

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

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

**Asset # : 233**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2046	**	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 2000 Amperes							
	Switchgear / Switchboard								
	Fused Disc Sw	80%			2046	**	5	\$100	
	Fused Disc Sw	20%			2026	\$6,500	5		
	Raceway								
	Conduit	80%			2046	**	1		
	Conduit	20%			2026	\$6,300	1		
	Panelboards								
	Fused Disc Sw	10%			2025	\$3,000	5	\$100	
	Molded Case Bkrs	80%			2042	**	5	\$900	
	Molded Case Bkrs	10%			2025	\$3,000	5	\$100	
	Wiring								
	Thermoplastic	70%			2046	**	1		
	Thermoplastic	30%			2026	\$8,300	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$75,400	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	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : Emergency Generator Rated @ 250 Kw							
	Batteries								
	Lead/Acid	100%			2020	\$1,500	5	\$1,600	
	Fuel Storage								
	Main Tank	100%			2054	**	5	\$1,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : 420 Gallon Capacity							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2034	**	10	\$38,900	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							

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

*Estimates are rounded to the nearest hundred dollars.*

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

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



**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>System Component Type</b>	<b>% of Total</b>	<b>Fail 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>

**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	\$80,700	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	\$27,200	
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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>System Component Type</b>	<b>% of Total</b>	<b>Fail 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**

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	\$2,800	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	\$40,700	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement*

*Explanation : 2 Units*

**Distribution**

Central Plant Steam Piping/Pmp	100%	Now	\$14,700	2036	**	4	\$2,100	
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*Steam Traps Faulty, Extent : Light, Area Affected : 10%*

*Location : Throughout*

*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**  
**BRONX PARK MULTI PURPOSE SHOPS - 0007**

**Asset # : 233**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convactor/Radiator	60%			2031	* *	1	\$8,200	
	Fan Coil Unit/Heat	40%			2026	\$237,400	1	\$5,500	
Air Conditioning									
	Energy Source								
	Electricity	50%			2034	* *	1		
	No Component	50%							
	Conversion Equipment								
	Window/Wall Unit	50%			2021	\$41,300	1		
	No Component	50%							
Ventilation									
	Exhaust Fans								
	Interior	100%			2031	* *	2	\$1,300	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2031	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$24,200	2	\$600	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2021	\$6,100	4	\$900	
	Backflow Preventer								
	No Component	50%							
	Generic	50%			2026	\$5,000	1	\$1,300	
	Fixtures								
	Generic	100%	Obsolete Fixtures, Extent : Severe, Area Affected : 100%						
			Location : Throughout						
Fire Suppression									
	Standpipe								
	Generic	100%			2046	* *	1-5	\$22,200	
	Sprinkler								
	No Component	95%							
	Generic	5%			2036	* *	1-2	\$600	
	Fire Pump								
	Generic	100%			2029	* *	1	\$7,900	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$269,600	\$44,700
Interior Architecture		\$49,900
Mechanical		\$194,800
<b>Total</b>	<b>\$269,600</b>	<b>\$289,500</b>
Importance Code A	\$269,600	\$44,700
Importance Code B		\$244,700
<b>Total</b>	<b>\$269,600</b>	<b>\$289,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$52,800			\$1,500
Interior Architecture	\$2,000	\$500		
Electrical	\$1,700	\$1,200	\$17,700	\$1,700
Mechanical	\$1,300	\$2,000	\$6,000	\$1,500
<b>Total</b>	<b>\$57,800</b>	<b>\$3,600</b>	<b>\$23,700</b>	<b>\$4,600</b>
Importance Code A	\$52,800			\$1,500
Importance Code B	\$5,000	\$3,600	\$23,700	\$3,100
Importance Code C				
<b>Total</b>	<b>\$57,800</b>	<b>\$3,600</b>	<b>\$23,700</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**  
**BRONX PARK WIGWAM BLDG - 0008**  
**Asset # : 234**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$269,600	LIFE	* *	5	\$44,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : West And East Facades								
Metal Sect. OHD	5%			2039	* *	5	\$9,300	
Wood Overhead Doors	15%			2039	* *	5	\$44,700	
Wood Overhead Doors	5%	Now	\$18,800	2031	* *	5	\$7,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Windows								
Aluminum	100%			2042	* *	5	\$3,000	
Roof								
Cast in Place Concrete	15%	Now	\$6,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : East Ramp Over Storage Space								
Skylight, Metal/Glass	10%			2046	* *	10	\$11,200	
Slate	75%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	* *	5	\$49,900	
Vinyl Tile	15%			2026	\$34,200	3	\$1,500	
Interior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	\$1,200	
Gypsum Board	10%			LIFE	* *	5	\$400	
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)	
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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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 WIGWAM BLDG - 0008**  
**Asset # : 234**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Wiring									
	Thermoplastic	100%			2046	**	1		
Motor Controllers									
	Locally Mounted	100%			2039	**	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2031	**	10	\$16,500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : T-8 Lamps									
Egress Lighting									
	Emergency, Service	50%			2031	**	1		
	Exit, Service	50%			2031	**	1		
Exterior Lighting									
	LED	100%			2034	**			
Lightning Protection									
Arresters/Cabling									
	Generic	100%			2029	**	5	\$400	
Alarm									
Security System									
	No Component	50%							
	Generic	50%			2031	**	1	\$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : CCTV Surveillance Cameras									
Fire/Smoke Detection									
	Generic, Digital	100%			2031	**	1-3	\$9,900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Manual Pull Stations, Strobe Lights, Smoke Detectors									

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2036	* *	4	\$1,300	
	Terminal Devices								
	Air Handler	40%			2026	\$94,300	1	\$4,400	
	Convactor/Radiator	20%			2031	* *	1	\$1,200	
	Fan Coil Unit/Heat	40%			2026	\$100,500	1	\$2,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	10%			2021	\$3,500	1		
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,000	
	Exhaust Fans								
	Interior	20%			2026	\$11,900	2	\$100	
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2039	* *	1		
	Water Heater								
	Electric	100%			2024	\$14,800	4	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2031	* *	4	\$500	
	Fixtures								
	Generic	100%							
	Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
	Location : 1st And 2nd Floor								
Fire Suppression									
	Sprinkler								
	Generic	100%			2046	* *	1-2	\$5,000	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : **BROOKLYN WAR MEMORIAL RECREATION CENTER**  
**Address** : **CADMAN PLAZA PARK BET. CADMAN PLAZA E. AND W.**  
**Borough** : **BROOKLYN** **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0108.001 / 1171** **Yr Built/Renovated** : **1951 / 2001**  
**Area Sq Ft** : **13,915** **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **20-Feb-2014** **Landmark Status** : **NONE**  
**Areas Surveyed** : **Roof, Floors 1**  
**Block** : **58** **Lot** : **50** **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$227,800	
Interior Architecture	\$112,800	\$61,900
Electrical	\$36,700	\$126,200
<b>Total</b>	<b>\$377,300</b>	<b>\$188,100</b>
Importance Code A	\$227,800	
Importance Code B	\$149,500	\$188,100
<b>Total</b>	<b>\$377,300</b>	<b>\$188,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$4,800	\$17,700		
Interior Architecture	\$36,100			\$2,000
Electrical	\$14,700	\$47,900		
Mechanical	\$2,200	\$15,600	\$2,900	\$1,900
<b>Total</b>	<b>\$57,700</b>	<b>\$81,200</b>	<b>\$3,000</b>	<b>\$3,900</b>
Importance Code A	\$6,200	\$19,100	\$1,400	\$1,400
Importance Code B	\$48,800	\$62,100	\$1,600	\$2,500
Importance Code C	\$2,700			
<b>Total</b>	<b>\$57,700</b>	<b>\$81,200</b>	<b>\$3,000</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**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**  
**Asset # : 1171**

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: Granite	5%			LIFE	**	5	\$700	
	Masonry: Limestone	85%	Now	\$182,000	LIFE	**	5	\$12,500	
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
	Location : North Facade								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : North Facade, South Facade								
	Misaligned/Bulging, Extent : Light, Area Affected : 20%								
	Location : South Facade								
	Masonry: Limestone	5%	Now	\$5,900	LIFE	**	5	\$700	
	Spalling, Extent : Moderate, Area Affected : 3%								
	Location : Statues, South Facade								
	Metal Panel	5%			2045	**	5-10	\$6,700	
Windows									
	Steel	100%	Now	\$39,800	2050	**	5	\$4,800	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Weather Strip Missing, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Parapets									
	Masonry: Limestone	100%	Now	\$4,800	LIFE	**	5	\$1,200	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Roof									
	Modified Bitumen	100%			2030	**	10	\$15,900	
Interior									
Floors									
	Cast in Place Concrete	15%			LIFE	**	5	\$6,800	
	Ceramic Tile	5%	2-4	\$1,000	2034	**	5	\$500	
	Cracking/Crumbling, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Terrazzo	5%			LIFE	**	5	\$800	
	Vinyl Tile	35%			2025	\$61,900	3	\$3,600	
	Vinyl Tile	40%	Now	\$21,200	2020	\$70,700	3	\$3,100	
	Broken/Missing Elements, Extent : Severe, Area Affected : 66%								
	Location : First Floor Only								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPT. OF PARKS & RECREATION - 846**  
**BROOKLYN WAR MEMORIAL RECREATION CENTER**  
**Asset # : 1171**

Architecture		Current Repair			Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior										
Interior Walls	Ceramic Tile	5%	2-4	\$1,300	2034	**	5	\$500		
		Cracking/Crumbling, Extent : Light, Area Affected : 10%								
		Location : Throughout								
	Plaster	10%	Now	\$1,500	LIFE	**	5	\$600		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
		Location : Around Windows								
	Water Penetration, Extent : Moderate, Area Affected : 20%									
	Location : Around Windows, Throughout									
	Plaster	75%			LIFE	**	5	\$4,100		
	Wood	10%			LIFE	**	5	\$7,300		
Ceilings										
AcousTileConcealSpLn	25%	Now	\$42,000	2045	**	5	\$3,300			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
	Location : Basement Corridor									
Plaster	75%	0-2	\$10,200	LIFE	**	5	\$9,800			
	Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout										

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2025	\$4,800	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical / Mechanical Room									
Explanation : One 200 Amperes Main Disconnect Switch									
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2025	\$81,000	5	\$400	
	Raceway								
	Conduit	95%			2025	\$21,000	1		
	Conduit	5%			2045	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2024	\$1,500	5		
	Molded Case Bkrs	25%			2041	* *	5	\$100	
	Molded Case Bkrs	70%			2024	\$20,900	5	\$300	
	Wiring								
	Braided Cloth	60%	2-4	\$14,500	2050	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	10%			2045	* *	1		
	Thermoplastic	30%			2025	\$7,300	1		
	Motor Controllers								
	Locally Mounted	100%			2023	\$45,200	5	\$100	

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

**Asset # : 1171**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	30%			2030	**	10	\$3,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	60%			2020	\$18,400	10	\$7,700	
		Other Observation, Extent : Moderate, Area Affected : 90%							
		Location : Throughout							
		Explanation : T-12 Lamps							
	Incandescent	10%			2020	\$15,400	2		
Egress Lighting									
	Emergency, Battery	70%			2030	**	10	\$2,400	
	Exit, Service	30%			2030	**	1		
Exterior Lighting									
	HID	70%			2020	\$36,700	10		
	HID	30%			2030	**	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2035	**	5	\$4,300	
	Conversion Equipment								
	Steam Boiler	100%			2030	**	1	\$13,800	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Boiler Room					
				Explanation : One Unit					
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2035	**	4	\$1,000	
	Terminal Devices								
	Convactor/Radiator	100%			2030	**	1	\$4,500	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,800	
	Exhaust Fans								
	Roof	100%			2030	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	**	1		
	Water Heater								
	Electric	100%			2020	\$11,500	4	\$100	

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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>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>Priority</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	* *	1		
	Backflow Preventer							
	No Component	90%						
	Generic	10%		2025	\$300	1	\$100	
	Fixtures							
	Generic	100%						

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,248,000	\$248,600
Interior Architecture	\$769,700	\$775,200
Electrical	\$461,600	\$396,500
Mechanical	\$69,800	\$456,500
<b>Total</b>	<b>\$2,549,100</b>	<b>\$1,876,900</b>
Importance Code A	\$1,248,000	\$248,600
Importance Code B	\$1,301,100	\$1,628,300
<b>Total</b>	<b>\$2,549,100</b>	<b>\$1,876,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,700			\$33,100
Interior Architecture	\$35,200	\$6,800		\$5,600
Electrical	\$700	\$1,800	\$1,600	\$80,800
Mechanical	\$29,000	\$14,700	\$13,100	\$14,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$112,500</b>	<b>\$31,100</b>	<b>\$22,600</b>	<b>\$141,900</b>
Importance Code A	\$42,700	\$2,900	\$2,900	\$36,200
Importance Code B	\$64,300	\$28,100	\$19,600	\$105,800
Importance Code C	\$5,500	\$100		
<b>Total</b>	<b>\$112,500</b>	<b>\$31,100</b>	<b>\$22,600</b>	<b>\$141,900</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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	83%	Now	\$577,200	LIFE	**	5	\$63,900	
			Diagonal Cracks, Extent : Moderate, Area Affected : 15%					
			Location : Various Locations At Wall Penetrations					
			Efflorescence, Extent : Moderate, Area Affected : 15%					
			Location : Various Locations					
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%					
			Location : Throughout					
			Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%					
			Location : At Window Heads Facing Alley Way					
			Water Penetration, Extent : Severe, Area Affected : 15%					
			Location : Weight Room, Gymnasium, Dance Room					
Masonry: Marble	2%			LIFE	**	5	\$1,200	
Metal: Cage/Fence	5%	0-2	\$8,700	2032	**	5	\$8,400	
			Corrosion/Rusting, Extent : Moderate, Area Affected : 50%					
			Location : Mechanical Enclosures On Rooftop					
Pre-Cast Concrete	5%	0-2	\$25,400	LIFE	**	5	\$12,500	
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%					
			Location : Throughout					
			Staining/Discoloring, Extent : Moderate, Area Affected : 30%					
			Location : Details At Windows					
Window Wall	5%			2037	**	5	\$14,400	
Windows								
Aluminum	100%	Now	\$65,600	2035	**	5	\$2,600	
			Unit Inoperable, Extent : Moderate, Area Affected : 30%					
			Location : Throughout					
Parapets								
Masonry: Brick	80%	Now	\$109,500	LIFE	**	5	\$9,500	
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%					
			Location : Throughout					
			Spalling, Extent : Moderate, Area Affected : 10%					
			Location : Throughout					
Metal: Cage/Fence	5%	Now	\$3,500	2032	**	5	\$1,900	
			Deformed/Dented, Extent : Moderate, Area Affected : 30%					
			Location : At Lot Line Adjacent To Other Buildings					
Pre-Cast Concrete	5%	0-2	\$2,100	LIFE	**	5	\$3,700	
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%					
			Location : Coping Stones					
			Vegetation Growth, Extent : Moderate, Area Affected : 40%					
			Location : Throughout					
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		
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	\$21,200	10	\$4,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Main Entrance							
		Explanation : Canopy Structure							
	IRMA/Protected Membrane	25%	Now	\$73,900	2027	\$184,700			
		Misaligned/Bulging, Extent : Severe, Area Affected : 30%							
		Location : At Various Locations							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 60%							
		Location : Throughout							
	Modified Bitumen	68%	Now	\$367,100	2037	* *			
		Alligatoring, Extent : Moderate, Area Affected : 25%							
		Location : Various Locations							
		Blisters, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Ponding, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 15%							
		Location : West Lot Line							
		Water Penetration, Extent : Moderate, Area Affected : 30%							
		Location : Above Dance Floor Area, Gymnasium And Pool Room							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : At Various Locations							
	Skylight, Metal/Glass	2%	0-2	\$54,800	2037	* *			
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Second Floor Stair Landing							
Interior									
Floors									
	Cast in Place Concrete	10%			LIFE	* *	5	\$19,500	
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations In Basement							
	Ceramic Tile	15%			2030	* *	5	\$13,400	
	Sheet Vinyl/Rubber	15%	0-2	\$39,700	2027	\$396,500	5	\$10,000	
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Terrazzo	10%			LIFE	* *	5	\$7,000	
	Vinyl Tile	50%	0-2	\$75,700	2027	\$378,700	3	\$16,700	
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : Basement And Throughout							

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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Ceramic Tile	10%			2030	**	5	\$200		
Concrete Masonry Unit	60%	Now	\$4,200	LIFE	**	5	\$400		
	Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
	Location : Throughout Basement								
	Vertical Cracks, Extent : Moderate, Area Affected : 15%								
	Location : Various Locations In Basement								
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : 2nd Floor Rooms, Hallway In Front Of Weight Room								
Gypsum Board	20%	0-2	\$100	LIFE	**	5	\$200		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Basement Below Pool								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Basement Below Pool								
Operable Wall	5%	0-2	\$200	2047	**	5	\$100		
	Unit Inoperable, Extent : Moderate, Area Affected : 5%								
	Location : 2nd Floor Dance Room								
SGFT/Glazed Masonry	5%	Now	\$900	LIFE	**				
	Horizontal Cracks, Extent : Severe, Area Affected : 10%								
	Location : Second Floor Stairwell To Roof								
	Water Penetration, Extent : Severe, Area Affected : 25%								
	Location : Second Floor Stairwell								
Ceilings									
AcousTileSusp.Lay-In	55%	Now	\$396,300	2047	**	5	\$24,500		
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
	Location : Gymnasium, Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : 2nd Floor Offices And Dance Room, Throughout								
Exposed Concrete	30%	Now	\$258,000	LIFE	**	5	\$4,200		
	Exposed Reinforcement, Extent : Severe, Area Affected : 15%								
	Location : Basement Below Pool Room								
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : At Various Locations In Basement Below Pool Room								
Gypsum Board	10%	Now	\$18,000	LIFE	**	5	\$11,200		
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : Stairwell Bulkhead								
Plaster	5%	Now	\$11,700	LIFE	**	5	\$2,800		
	Worn/Eroded, Extent : Moderate, Area Affected : 20%								
	Location : Underside Of Entrance Canopy								

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

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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		
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	30%			2027	\$6,200	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room - Golden Age Building									
Explanation : One 800 Amperes Main Disconnect Switch									
	Fused Disc Sw	70%			2037	**	5	\$200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 1600 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
	Fused Disc Sw	70%			2027	\$102,500	5	\$200	
	Fused Disc Sw	30%			2037	**	5	\$100	
Raceway									
	Conduit	70%			2027	\$86,500	1		
	Conduit	20%			2037	**	1		
	Conduit	10%			2047	**	1		
Panelboards									
	Molded Case Bkrs	10%			2043	**	5	\$200	
	Molded Case Bkrs	60%			2026	\$62,700	5	\$900	
	Molded Case Bkrs	30%			2035	**	5	\$500	
Wiring									
	Braided Cloth	30%	2-4	\$52,100	2052	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	60%			2027	\$104,100	1		
	Thermoplastic	10%			2047	**	1		
Motor Controllers									
	Locally Mounted	90%			2025	\$40,700	5	\$400	
	Locally Mounted	10%			2040	**	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Water Main									
Lighting									
Interior Lighting									
	Fluorescent	80%			2022	\$105,000	10	\$43,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Using T-12 Lamps									
	HID	15%			2022	\$14,300	10	\$300	
	Incandescent	5%			2022	\$33,100	2	\$100	
Egress Lighting									
	Exit, Service	50%			2022	\$8,000	1		
	Exit, Service	10%			2035	**	1		
	Exit, Battery	40%			2022	\$21,900	10	\$1,600	

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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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Exterior Lighting								
	HID	100%			2022	\$224,800	10	\$200	
Alarm									
	Security System								
	No Component	80%							
	Generic	20%	Now	\$36,000	2037	* *	1	\$4,000	
Not in Service, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Fire/Smoke Detection									
	No Component	80%							
	Generic, Analog	20%			2032	* *	1-3	\$7,300	
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	40%			2047	* *	1		
	Interruptible Gas/Dual Fuel	60%			2037	* *	1		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Under Ground Vault Near Main Building And Basement Vault Of Addition									
Explanation : (1) 3,000 Gallon Tank And (1) 6,000 Gallon Tank									
Conversion Equipment									
	Furnace	40%			2032	* *	1	\$11,800	
Other Observation, Extent : Light, Area Affected : 40%									
Location : Roof									
Explanation : 3 Packaged Roof Top Air Conditioning Units With Gas Fired Furnace									
1 Gas Fired Unit Heating Only.									
	Hot Water Boiler	60%			2040	* *	1	\$17,700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 3 Dual Fuel Hot Water Boilers									
Distribution									
	Hot Wtr Piping/Pump	100%			2043	* *	4	\$4,400	
Terminal Devices									
	Convactor/Radiator	100%			2032	* *	1	\$19,300	
Air Conditioning									
	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			
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	\$20,800	2025	\$416,900	2	\$600	
Not in Service, Extent : Severe, Area Affected : 20%									
Location : Basement Of Golden Age Building									
	Ext Pkg Unit - Heating/Cooling	10%	0-2	\$69,800	2037	* *	2	\$300	
Leak Evident, Extent : Moderate, Area Affected : 60%									
Location : Roof, Defective Condensate Pans Or Clogged Condensate Drain Lines									
Malfunctioning, Extent : Severe, Area Affected : 25%									
Location : Main Building Roof, 1 of 3 Defective Compressors									
	Ext Pkg Unit - Heating/Cooling	50%			2032	* *	2	\$1,800	
	Window/Wall Unit	20%			2025	\$23,200	1		
Dehumidifier									
	No Component	80%							
	Generic	20%			2031	* *			
Other Observation, Extent : Light, Area Affected : 20%									
Location : Roof Over Swimming Pool									
Explanation : Unit Serves Swimming Pool Area									
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$33,200	
Exhaust Fans									
	Interior	20%			2027	\$39,700	2	\$400	
	Roof	80%			2032	* *	2	\$1,500	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2037	* *	1		
Water Heater									
	Gas Fired	25%			2022	\$8,500	2	\$200	
	No Component	75%							
HW Heat Exchanger									
	Steam Fired	75%			2037	* *	4	\$4,400	
	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	\$8,500	4	\$1,900	
Pool Filter/Treatment									
	Sand	100%			2032	* *	4	\$22,100	
Sewage Ejector(s)									
	Electric	100%			2032	* *	4	\$3,600	
Fixtures									
	Generic	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,500			\$14,800
Interior Architecture				\$12,400
Electrical	\$1,600	\$1,700	\$1,400	\$1,400
Mechanical	\$4,600	\$1,700	\$4,700	\$1,700
<b>Total</b>	<b>\$26,700</b>	<b>\$3,300</b>	<b>\$6,100</b>	<b>\$30,300</b>
Importance Code A	\$21,400		\$900	\$14,800
Importance Code B	\$5,300	\$3,300	\$5,200	\$11,700
Importance Code C				\$3,700
<b>Total</b>	<b>\$26,700</b>	<b>\$3,300</b>	<b>\$6,100</b>	<b>\$30,300</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**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**  
**Asset # : 14772**

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

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**  
**BUSHWICK INLET PARK DISTRICT HEADQUARTERS**  
**Asset # : 14772**

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								
Cast in Place Concrete	30%	4+	\$20,500	LIFE	**			
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Not Accessible	70%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Green Roof							
	Explanation : Green Roof							
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	**	5	\$16,900	
Cork Tile	60%			2057	**	5	\$11,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Rooms							
	Explanation : Rooms							
Traffic Topping	5%			2037	**	5	\$1,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Bath Rooms							
	Explanation : Bath Rooms							
Interior Walls								
Ceramic Tile	5%			2042	**	5	\$2,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Bathrooms							
	Explanation : Bathrooms							
Folding Partition	5%			2052	**	5	\$5,300	
Gypsum Board	90%			LIFE	**	5	\$23,100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Throughout							
Ceilings								
AcousTileSusp.Lay-In	20%			2047	**	5	\$4,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Rooms							
	Explanation : Rooms							
Fiber Board	75%			2037	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Throughout							
Gypsum Board	5%			LIFE	**	5	\$1,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Bathroom							
	Explanation : Bathrooms							

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

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

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

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

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

## Lighting

Exterior Lighting  
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 \$9,100  
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

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

## Heating

Energy Source  
Electricity

100%  
2053 \* \* 1

Conversion Equipment

Heat Pump Air Sourced

100%  
2031 \* \* 2 \$4,600  
Other Observation, Extent : Light, Area Affected : 100%  
Location : 1st Floor Mer  
Explanation : 6 Units

Distribution

Hot Wtr Piping/Pump

100%  
2049 \* \* 4 \$700

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 Mer  
Explanation : 6 Units. R-410a

Distribution

CW & CHW Wtr  
Pipe/Pump

100%  
2053 \* \* 4 \$700

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

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									
	Terminal Devices								
	Air Handler/Cool/Ht	75%			2035	**	1	\$6,800	
	Fan Coil - 4 Pipe	25%			2035	**	1	\$1,200	
Heat Rejection									
	Geothermal	100%			2062	**	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,200	
Exhaust Fans									
	Interior	100%			2035	**	2	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2053	**	1		
Water Heater									
	Electric	100%			2026	\$12,100	4	\$100	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Pool Filter/Treatment									
	Activated Carbon	100%			2031	**	4	\$5,500	
Backflow Preventer									
	Generic	100%			2035	**	1	\$900	
Fixtures									
	Generic	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,600		\$4,400	
Interior Architecture	\$21,600		\$700	
Electrical	\$10,300		\$6,400	
Mechanical	\$1,900	\$100	\$300	\$100
<b>Total</b>	<b>\$65,400</b>	<b>\$200</b>	<b>\$11,700</b>	<b>\$100</b>
Importance Code A	\$31,600		\$4,400	
Importance Code B	\$28,100	\$200	\$7,300	\$100
Importance Code C	\$5,700			
<b>Total</b>	<b>\$65,400</b>	<b>\$200</b>	<b>\$11,700</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**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 892**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%			LIFE	**	5	\$1,700	
	Masonry: Brick	60%			LIFE	**	5	\$4,000	
		Recent Repair Evident, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Metal: Cage/Fence	30%			2031	**	5	\$8,700	
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Between Male and Female Wings							
		Explanation : Center Space Enclosure							
	Wood	5%	Now	\$3,500	2031	**	5	\$800	
		Air Infiltration, Extent : Severe, Area Affected : 50%							
		Location : Open Seams At All Wall Penetrations							
		Broken/Missing Elements, Extent : Severe, Area Affected : 15%							
		Location : Door Casings							
Windows									
	Steel	100%	Now	\$28,100	2051	**	5	\$3,400	
		Air Infiltration, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Roof									
	Metal Panel	100%			2043	**	10	\$14,200	
Interior									
Floors									
	Cast in Place Concrete	20%			LIFE	**	5	\$900	
	Panel/Paver: Bluestone	30%	Now	\$8,200	LIFE	**	5	\$400	
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Center Space Between Male And Female Wings							
		Explanation : Broken/missing Elements, Worn/eroded Material							
	Quarry Tile	45%			2031	**	5	\$1,300	
	Steel Plate	5%			LIFE	**	1		
Interior Walls									
	Plaster	30%	Now	\$5,700	LIFE	**	5	\$700	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Stair To Basement and basement walls							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
		Location : Stair To Basement, Men / Women Bathrooms							
	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.

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

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

## Interior

## Ceilings

## Plaster

100% Now \$7,700 LIFE \* \* 5 \$1,200

*Broken/Missing Elements, Extent : Severe, Area Affected : 20%*

*Location : Basement*

*Cracking/Crumbling, Extent : Light, Area Affected : 30%*

*Location : Storage Room, Underside Of Breezway, Restrooms, Basement*

*Paint Peeling, Extent : Moderate, Area Affected : 35%*

*Location : Storage Room, Underside Of Breezway*

*Staining/Discoloring, Extent : Moderate, Area Affected : 35%*

*Location : Throughout*

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

## Under 600 Volts

## Service Equipment

## Fused Disc Sw

100% 2026 \$1,500 5

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

*Location : Basement*

*Explanation : One 100 Amperes Main Disconnect Switch*

## Raceway

## Conduit

100% 2026 \$3,700 1

## Panelboards

## Molded Case Bkrs

100% 2025 \$7,500 5 \$100

## Wiring

## Thermoplastic

100% 2026 \$8,200 1

## Motor Controllers

## Locally Mounted

100% 2024 \$7,200 5

## Ground

## Grounding Devices

## Generic

100% 2-4 \$9,500 LIFE \* \* 5

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

*Location : Water Main Basement*

*Explanation : Corroded*

## Lighting

## Interior Lighting

## Fluorescent

80% 2021 \$4,100 10 \$1,700

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

*Location : Throughout The Building*

*Explanation : T-8 Lamps*

## Fluorescent

15% 0-2 \$800 2036 \* \*

*Damaged Fixtures, Extent : Moderate, Area Affected : 100%*

*Location : Storage Area*

## Incandescent

5% 2021 \$600 2

*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**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 892**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Not Accessible	100%							
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2036	* *	4	\$200	
	Terminal Devices								
	Convactor/Radiator	100%			2024	\$11,700	1	\$800	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$1,300	
	Exhaust Fans								
	Interior	100%			2026	\$7,800	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$1,600	2036	* *	1		
		Corroded, Extent : Moderate, Area Affected : 10%							
		Location : Water Main, Basement							
	Water Heater								
	Electric	100%	Now	\$200	2025	\$1,900	4		
		Not in Service, Extent : Severe, Area Affected : 100%							
		Location : 1st Floor Office							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,100			
Interior Architecture	\$4,700		\$400	
Electrical				
Mechanical	\$100		\$700	
<b>Total</b>	<b>\$18,800</b>		<b>\$1,100</b>	
Importance Code A	\$14,100			
Importance Code B	\$3,600		\$1,100	
Importance Code C	\$1,100			
<b>Total</b>	<b>\$18,800</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**  
**CARL SCHURZ PARK COMFORT AND STORAGE**  
**Asset # : 2566**

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	93%			LIFE	* *	5	\$2,800	
		Painted Surfaces, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Masonry: Limestone	5%			LIFE	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Horizontal Bands							
		Explanation : Painted Surfaces							
	Wood	2%	Now	\$3,200	2046	* *	5	\$200	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 50%							
		Location : Door Casings							
Windows									
	Wood	100%	Now	\$4,400	2051	* *	5	\$800	
		Air Infiltration, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Dry Rot/Decay, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Split/Cracked, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Roof									
	Slate	100%	4+	\$6,400	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Interior									
	Floors								
	Cast in Place Concrete	35%			LIFE	* *	5	\$700	
	Quarry Tile	65%			2031	* *	5	\$900	
	Interior Walls								
	Plaster	35%	Now	\$1,100	LIFE	* *	5	\$200	
		Paint Peeling, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
	SGFT/Glazed Masonry	65%			LIFE	* *			
Ceilings									
	Plaster	100%	Now	\$3,600	LIFE	* *	5	\$600	
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Storage Room							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Storage Room							
		Paint Peeling, Extent : Moderate, Area Affected : 35%							
		Location : Storage Room, 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.

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2026	\$1,500	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : One 100 Amperes Main Disconnect Switch							
	Raceway								
	Conduit	100%			2026	\$3,700	1		
	Panelboards								
	Molded Case Bkrs	100%			2025	\$7,500	5		
	Wiring								
	Thermoplastic	100%			2026	\$8,200	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$7,200	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2026	\$1,300	10	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : T-8 Lamps							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2036	* *	1		
	Conversion Equipment								
	Furnace	100%			2026	\$1,300	1	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor Office							
		Explanation : 1 Unit							
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	10%			2021	\$100	1		
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$300	
	Exhaust Fans								
	Interior	100%			2026	\$1,900	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>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>Priority</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%		2026	\$4,000	1		
	Water Heater Electric	100%		2021	\$500	4		
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Sump Pump(s) Submersible	100%		2019		4		
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$848,400	\$96,500
Interior Architecture	\$59,900	\$715,100
Electrical		\$502,200
Mechanical		\$86,300
<b>Total</b>	<b>\$908,300</b>	<b>\$1,400,100</b>
Importance Code A	\$848,400	\$96,500
Importance Code B	\$59,900	\$588,500
Importance Code C		\$715,100
<b>Total</b>	<b>\$908,300</b>	<b>\$1,400,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$17,300			
Interior Architecture	\$11,200	\$400	\$4,700	\$99,100
Electrical	\$13,600	\$2,800	\$12,100	\$2,400
Mechanical	\$13,400	\$4,500	\$12,800	\$6,700
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$63,400</b>	<b>\$15,600</b>	<b>\$37,400</b>	<b>\$116,100</b>
Importance Code A	\$18,400	\$1,100	\$1,100	\$1,100
Importance Code B	\$43,900	\$14,100	\$36,300	\$115,000
Importance Code C	\$1,100	\$400		
<b>Total</b>	<b>\$63,400</b>	<b>\$15,600</b>	<b>\$37,400</b>	<b>\$116,100</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 GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

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	10%			LIFE	**	5	\$2,400	
	Masonry: Brick	8%	Now	\$63,000	LIFE	**	5	\$1,900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Chimneys								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Chimneys								
	Repairs in Progress, Extent : Light, Area Affected : 100%								
	Location : Roof								
	Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
	Location : All Facades								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Chimneys								
	Masonry: Brownstone	2%			LIFE	**	5	\$400	
	Pre-Cast Concrete	3%			LIFE	**	5	\$2,300	
	Wood	77%			2031	**	5	\$92,100	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : All Facades Painted								
Windows									
	Special Gauge/Ballistic	5%			LIFE	**	1		
	Steel	5%	Now	\$17,300	2051	**	5	\$1,900	
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
	Location : Basement								
	Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
	Location : Basement								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Basement								
	Wood	90%	Now	\$167,800	2051	**	5	\$27,400	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Paint Peeling, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Repairs in Progress, Extent : Light, Area Affected : 100%								
	Location : Throughout								

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**  
**CARL SCHURZ PARK GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

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									
Parapets									
	Metal Rail	10%			2043	**	5-10	\$14,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : At Plaza Roof Over Boiler Room									
	Wood Rail	90%	Now	\$140,000	2031	**	5	\$50,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Throughout									
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Paint Peeling, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Repairs in Progress, Extent : Light, Area Affected : 100%									
Location : Throughout									
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Roof									
	Modified Bitumen	86%	Now	\$315,400	2036	**			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%									
Location : At Pitch Pockets									
Ponding, Extent : Moderate, Area Affected : 20%									
Location : At Flat Roof									
Seams Open/Split, Extent : Moderate, Area Affected : 20%									
Location : Over Mechanical Room And Second Floor									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Over Mechanical Room									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Main Roof, Wagner Addition, Hyphen Connector									
Explanation : Scaffolding Present - No Access - Repairs In Progress									
	Plaza Roof: Stone Panels	12%			2046	**			
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Over Basement Boiler Room									
Explanation : Flagstone Terrace									
	Skylight, Plastic	2%	Now	\$116,200	2046	**	1		
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%									
Location : Over Second Floor									
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%									
Location : Over Second Floor									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Repairs In Progress									
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**  
**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		
Interior									
Floors									
Carpet	13%	0-2	\$7,200	2022	\$72,400	3	\$6,500		
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%									
Location : Library									
Uneven Substrate, Extent : Moderate, Area Affected : 10%									
Location : Library									
Carpet	5%	0-2	\$2,300	2022	\$23,200	3	\$2,500		
Worn/Eroded, Extent : Moderate, Area Affected : 15%									
Location : Entry Way At Kitchen									
Mosaic Tile	3%			2031	**	5	\$2,500		
Marble Panels	3%			LIFE	**	5	\$800		
Quarry Tile	10%			2031	**	5	\$5,000		
Vinyl Tile	13%			2031	**	3	\$2,200		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Wood	50%	4+	\$59,900	2054	**	5	\$15,600		
Deflection Evident, Extent : Light, Area Affected : 25%									
Location : Wagner Addition									
Wood	3%			2041	**	5	\$1,900		
Other Observation, Extent : Moderate, Area Affected : 3%									
Location : Main Floor, Rear Foyer									
Explanation : Faux Marble Painted Wood									
Interior Walls									
Ceramic Tile	4%			2035	**	5	\$700		
Concrete Masonry Unit	5%			LIFE	**	5	\$400		
Fabric on Framing	23%			2024	\$715,100	5	\$2,100		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Actually Premium Wall Coverings									
Gypsum Board	20%			LIFE	**	5	\$2,200		
Marble Panels	3%			LIFE	**				
Plaster	40%			LIFE	**	5	\$2,200		
Plaster	5%			LIFE	**	5	\$300		
Ceilings									
Gypsum Board	20%			LIFE	**	5	\$8,300		
Plaster	70%			LIFE	**	5	\$14,600		
Plaster	10%			LIFE	**	5	\$2,100		

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

Under 600 Volts

*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 GRACIE MANSION HISTORIC HOUSE**  
**Asset # : 891**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$5,300	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room Basement							
		Explanation : One 1200 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$80,000	5	\$600	
	Raceway								
	Conduit	100%			2026	\$38,500	1		
	Panelboards								
	Fused Disc Sw	5%			2025	\$1,600	5		
	Molded Case Bkrs	35%			2025	\$11,400	5	\$200	
	Molded Case Bkrs	60%			2042	* *	5	\$300	
	Wiring								
	Braided Cloth	20%	2-4	\$11,200	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Thermoplastic	30%			2026	\$16,800	1		
	Thermoplastic	50%			2046	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2039	* *	5	\$100	
		Variable Speed Drives, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$300	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2039	* *	1	\$6,600	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : For Use With Portable Generator							
Lighting									

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\*\* 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	15%			2031	* *	10	\$3,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : T-8 Lamps							
Fluorescent	Fluorescent	10%			2031	* *	10	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Compact Fluorescent Lamps							
Incandescent	Incandescent	65%			2031	* *	2	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st And 2nd Floors							
		Explanation : Chandelier Lighting Fixtures							
LED	LED	10%			2036	* *			
Egress Lighting									
	Emergency, Battery	50%			2031	* *	10	\$2,700	
	Exit, LED	30%			2054	* *	1		
	Exit, Service	20%			2021	\$1,600	1		
Exterior Lighting									
HID	HID	100%			2026	\$88,600	10	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Timer Switch Controls Exterior Lighting							
Alarm									
Security System									
No Component	No Component	50%							
	Generic	50%			2026	\$35,500	1	\$4,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Control Room In The Basement							
	Explanation : CCTV Surveillance Camera Exterior Coverage: Internet Protocol Digital Video System								
Fire/Smoke Detection									
Generic, Digital	Generic, Digital	100%			2026	\$242,900	1-3	\$13,200	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Natural Gas	100%			2052	* *	1		
Conversion Equipment	Hot Water Boiler	100%			2043	* *	1	\$11,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 2 Units								

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

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Distribution									
	Hot Wtr Piping/Pump	100%			2042	**	4	\$1,100	
Terminal Devices									
	Air Handler	80%			2031	**	1	\$11,000	
	Convactor/Radiator	20%			2039	**	1	\$1,400	
Air Conditioning									
Energy Source									
	Electricity	100%			2042	**	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	90%			2031	**	1	\$9,300	
		R-22 Refrigerant, Extent : Moderate, Area Affected : 100% Location : Basement							
	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	\$11,000	
	Fan Coil - 2 Pipe	20%			2031	**	1	\$1,400	
Heat Rejection									
	Water Cooling Tower	100%			2027	\$86,300	2	\$22,400	
Ventilation									
Distribution									
	Ductwork/Diffusers	100%	4+	\$4,200	LIFE	**	2-5	\$12,400	
		Dented, Extent : Moderate, Area Affected : 3% Location : Roof							
Exhaust Fans									
	Interior	90%			2031	**	2	\$600	
	Roof	5%			2031	**	2		
	Roof	5%			2021	\$1,900	2		
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2046	**	1		
HW Heat Exchanger									
	Steam Fired	100%			2046	**	4	\$2,200	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Geared Traction	100%			LIFE	**			
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Interior Explanation : One Freight B - 1 And One Passenger B - 1 - 2							

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

Estimates are rounded to the nearest hundred dollars.

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

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



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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$169,600	
Interior Architecture	\$43,900	
Mechanical		\$395,000
<b>Total</b>	<b>\$213,500</b>	<b>\$395,000</b>
Importance Code A	\$169,600	
Importance Code B	\$43,900	\$395,000
<b>Total</b>	<b>\$213,500</b>	<b>\$395,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$19,700	\$1,100		
Interior Architecture	\$6,500	\$400		\$600
Electrical	\$600	\$700	\$600	\$10,800
Mechanical	\$3,600	\$1,100	\$2,100	\$10,200
<b>Total</b>	<b>\$30,500</b>	<b>\$3,300</b>	<b>\$2,700</b>	<b>\$21,700</b>
Importance Code A	\$20,100	\$1,700	\$400	\$600
Importance Code B	\$10,400	\$1,200	\$2,300	\$21,100
Importance Code C		\$400		
<b>Total</b>	<b>\$30,500</b>	<b>\$3,300</b>	<b>\$2,700</b>	<b>\$21,700</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 79TH STREET YARD**  
**Asset # : 14398**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	0-2	\$10,900	LIFE	* *	5	\$3,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Basement Stair Wall							
	Masonry: Granite	20%			LIFE	* *	5	\$1,900	
		Vegetation Growth, Extent : Light, Area Affected : 25%							
		Location : Stone Joints							
	Wood	75%	4+	\$101,800	2032	* *	5	\$24,300	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 25%							
		Location : Barn Doors							
		Paint Peeling, Extent : Moderate, Area Affected : 10%							
		Location : Eaves And Trims							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Rear Facade							
Windows									
	Metal Louvers	10%			2030	* *	10	\$1,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Attic Vents							
		Explanation : Actually Wood Louvers							
	Wood	90%	Now	\$8,800	2035	* *	5	\$7,800	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 20%							
		Location : Rear Windows							
		Glazing Clouded, Extent : Moderate, Area Affected : 20%							
		Location : Rear Windows							
Roof									
	Copper/Terne	5%			2055	* *	10	\$2,600	
	Slate	95%	0-2	\$67,800	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Drains Inad/Misposn, Extent : Moderate, Area Affected : 35%							
		Location : Throughout Front And Rear Facades							
Interior									
Floors									
	Cast in Place Concrete	65%			LIFE	* *	5	\$21,000	
	Vinyl Tile	35%	2-4	\$43,900	2037	* *	3	\$1,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Main Corridor							
		Worn/Eroded, Extent : Moderate, Area Affected : 35%							
		Location : Throughout First Floor							
Interior Walls									
	Folding Partition	5%			2035	* *	5	\$800	
	Gypsum Board	75%			LIFE	* *	5	\$2,700	
	Wood	20%			LIFE	* *	5	\$4,800	

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 79TH STREET YARD**  
**Asset # : 14398**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	AcousTileSusp.Lay-In	35%	4+	\$4,200	2040	* *	5	\$2,600	
		Loose/Delam Surface, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Staining/Discoloring, Extent : Light, Area Affected : 25%							
		Location : Throughout							
	Exposed Concrete	5%	0-2	\$2,400	LIFE	* *	5	\$100	
		Exposed Reinforcement, Extent : Moderate, Area Affected : 20%							
		Location : Boiler Room							
	Exposed Struc: Wood	30%			LIFE	* *			
	Gypsum Board	30%			LIFE	* *	5	\$5,500	

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

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

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

## Lighting

Egress Lighting									
Emergency, Battery	50%			2032		**	10	\$1,200	
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	\$4,700	

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

## Heating

Energy Source									
Fuel Oil No 2	100%			2047		**	5	\$3,100	
<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	\$3,700	
Radiant Heater	25%			2032		**	2	\$1,100	
<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	\$700	

Terminal Devices									
Fan Coil Unit/Heat	85%			2032		**	1	\$2,700	
<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	
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## Air Conditioning

Energy Source									
Electricity	100%			2043		**	1		

Conversion Equipment									
Interior Pkg Unit - Cooling	100%			2028		\$344,800	2	\$600	

*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Attic*  
*Explanation : Interior Section Of Split Unit*

*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 79TH STREET YARD**  
**Asset # : 14398**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Heat Rejection								
	Dry Cooler	100%	Now	\$2,500	2027	\$50,200	2	\$5,500	
Broken, Extent : Moderate, Area Affected : 100%									
Location : Outside Adjacent To Building, 1 Of 2 Defective Condensing Unit Fans									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Outside Adjacent To Building									
Explanation : Exterior Section Of Split Unit									
Ventilation									
	Exhaust Fans								
	Interior	100%			2027	\$32,800	2	\$300	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	* *	1		
	Water Heater								
	Oil Fired	100%			2022	\$7,700	1	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2027	\$1,600	4	\$300	
	Fixtures								
	Generic	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$252,800	\$160,600
Interior Architecture	\$37,700	\$113,200
Electrical	\$4,800	\$207,800
Mechanical		\$126,500
<b>Total</b>	<b>\$295,200</b>	<b>\$608,000</b>
Importance Code A	\$252,800	\$160,600
Importance Code B	\$42,400	\$447,400
<b>Total</b>	<b>\$295,200</b>	<b>\$608,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,500	\$3,300		\$300
Interior Architecture	\$261,000	\$2,900		\$16,800
Electrical	\$33,000	\$2,600	\$2,100	\$23,900
Mechanical	\$1,700	\$2,400	\$5,600	\$1,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$331,100</b>	<b>\$15,000</b>	<b>\$11,600</b>	<b>\$46,300</b>
Importance Code A	\$31,500	\$4,400		\$400
Importance Code B	\$276,200	\$9,600	\$11,600	\$45,900
Importance Code C	\$23,300	\$1,000		
<b>Total</b>	<b>\$331,100</b>	<b>\$15,000</b>	<b>\$11,600</b>	<b>\$46,300</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**  
**CENTRAL PARK ARSENAL BUILDING - 10**  
**Asset # : 1084**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	80%	Now	\$98,300	LIFE	* *	5	\$59,700	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Southeast Corner And Parklands Office - 4th Floor							
	Masonry: Brownstone	10%	Now	\$154,500	LIFE	* *	5	\$5,600	
		Horizontal Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Window Sills, Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Window Sills, Throughout							
	Masonry: Granite	10%			LIFE	* *	5	\$5,600	
Windows									
	Wood	98%			2043	* *	5	\$100,900	
	Wood	2%	Now	\$6,300	2052	* *	5	\$1,000	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 10%							
		Location : Bulkheads							
		Thermally Inefficient, Extent : Moderate, Area Affected : 5%							
		Location : Bulkheads							
Parapets									
	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	
Roof									
	Built-Up (BUR)	15%			2027	\$23,500	10	\$4,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Actually Roof Gardens							
	Plaza Roof: Stone Panels	60%			2047	* *			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Actually A Wood Decking Material							
	Skylight, Metal/Glass	25%	Now	\$25,200	2037	* *			
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Commissioner Office - 4th Floor							

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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Carpet	25%	2-4	\$212,400	2029	**	3	\$22,900	
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : 2nd, 3rd, 4th Floor Offices							
	Carpet	5%			2026	\$42,500	3	\$4,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : First Floor							
		Explanation : Central Park Zoo Office							
	Cast in Place Concrete	10%			LIFE	**	5	\$13,300	
	Ceramic Tile	4%	0-2	\$2,600	2030	**	5	\$1,200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Public Bathrooms In Basement							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Public Bathrooms In Basement							
	Ceramic Tile	1%			2040	**	5	\$600	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor Bathrooms							
	Marble Panels	5%			LIFE	**	5	\$2,300	
	Terrazzo	30%			LIFE	**	5	\$14,300	
		Horizontal Cracks, Extent : Light, Area Affected : 20%							
		Location : 1st And 2nd Floors							
	Vinyl Tile	20%	4+	\$22,600	2027	\$113,200	3	\$4,600	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Basement Corridor							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 25%							
		Location : Basement Corridor							
		Uneven Substrate, Extent : Moderate, Area Affected : 25%							
		Location : Basement Corridor							
Interior Walls									
	Ceramic Tile	4%			2030	**	5	\$1,600	
	Ceramic Tile	1%			2040	**	5	\$400	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor Bathrooms							
	Glass: Single Pane	10%			LIFE	**	5	\$3,100	
	Gypsum Board	15%			LIFE	**	5	\$3,700	
	Plaster	65%	Now	\$23,300	LIFE	**	5	\$8,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Southeast Office 401, Parklands Office And Bulkhead							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Southeast Office 401, Parklands Office And Bulkhead							
	Plaster	5%			LIFE	**	5	\$600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor Lobby							
		Explanation : Historic Murals							

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Estimates are rounded to the nearest hundred dollars.

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

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

**Interior**

**Ceilings**

AcousTile,Adhered	25%				2032	**	5	\$15,300	
AcousTileConcealSpLn	35%	4+	\$37,700		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	

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%				2027		5	\$200	
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**Switchgear / Switchboard**

Fused Disc Sw	100%				2027		5	\$200	
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**Raceway**

Conduit	10%				2047	**	1		
Conduit	90%				2027		1		

**Panelboards**

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

**Wiring**

Braided Cloth	35%	2-4	\$31,000		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		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 : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-8 Lamps*

Fluorescent	2%				2022		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.*

*Estimates are rounded to the nearest hundred dollars.*

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Egress Lighting								
	Emergency, Battery	30%			2022	\$16,900	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	
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2032	**	1	\$4,300	
Fire/Smoke Detection									
	No Component	30%							
	Generic, Digital	70%			2032	**	1-3	\$16,500	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Utility Steam	100%			2053	**	1		
Conversion Equipment									
	Pres. Reducing Valve/LP Steam	100%			2030	**	5	\$2,300	
Distribution									
	Central Plant Steam	100%			2037	**	4	\$1,900	
	Piping/Pmp								
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		
Conversion Equipment									
	Exterior Pkg Unit - Cooling	40%			2027	\$126,500	2	\$900	
	Window/Wall Unit	40%			2025	\$32,500	1		
	Other Observation, Extent : Light, Area Affected : 60%								
	Location : Throughout The Building								
	Explanation : Window Units Being Replaced By Portable Units								
	No Component	20%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$21,300	
Exhaust Fans									
	Wall Unit	100%			2027	\$13,900	2	\$1,200	

*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.*

**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>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>Priority</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%		2037	* *	1		
	Water Heater Electric	100%		2026	\$34,400	4	\$200	
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
	Fixtures Generic	100%						
Vertical Transport								
	Elevators Geared Traction	100%		LIFE	* *			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : B, 1-3</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.*

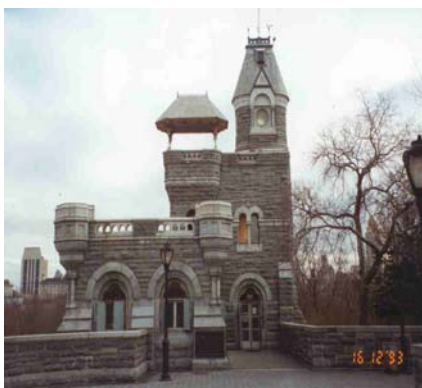
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$606,000	
Electrical		\$37,500
<b>Total</b>	<b>\$606,000</b>	<b>\$37,500</b>
Importance Code A	\$606,000	
Importance Code B		\$37,500
<b>Total</b>	<b>\$606,000</b>	<b>\$37,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$9,600			
Interior Architecture	\$22,900	\$700		
Electrical	\$600	\$800	\$600	\$700
Mechanical		\$1,200	\$100	\$1,200
<b>Total</b>	<b>\$33,100</b>	<b>\$2,700</b>	<b>\$600</b>	<b>\$1,900</b>
Importance Code A	\$9,600	\$900		\$900
Importance Code B	\$23,500	\$1,800	\$600	\$900
Importance Code C				
<b>Total</b>	<b>\$33,100</b>	<b>\$2,700</b>	<b>\$600</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**  
**CENTRAL PARK BELVEDERE CASTLE - 155**  
**Asset # : 1092**

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: Granite	100%	Now	\$518,500	LIFE	**	5	\$14,800	
		Efflorescence, Extent : Severe, Area Affected : 15%							
		Location : North Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : North And West Facades							
		Vegetation Growth, Extent : Moderate, Area Affected : 15%							
		Location : North And West Facades							
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : North And East Facades							
	Windows								
	Steel	100%	0-2	\$39,400	2035	**	5	\$19,000	
		Glazing Clouded, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
		Location : All Windows							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Protective Metal Grilles							
	Parapets								
	Masonry: Granite	100%	0-2	\$48,100	LIFE	**	5	\$3,200	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : 3rd Floor Observation Deck							
	Roof								
	Paver: Asphalt	80%	0-2	\$5,900	2030	**			
		Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 10%							
		Location : North Facade - 3rd Floor Observation							
		Ponding, Extent : Light, Area Affected : 5%							
		Location : 2nd Floor Terrace							
	Slate	10%			LIFE	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Wood Shingles	10%	4+	\$3,700	2030	**			
		Dry Rot/Decay, Extent : Moderate, Area Affected : 30%							
		Location : Decorative Pagodas							
Interior									
	Floors								
	Ceramic Tile	2%			2030	**	5	\$300	
	Granite Panels	10%			LIFE	**	5	\$1,100	
	Quarry Tile	5%			2040	**	5	\$1,100	
	Slate	83%			LIFE	**	5	\$13,200	
	Interior Walls								
	Gypsum Board	10%			LIFE	**	5	\$900	
	Granite Panels	90%			LIFE	**			

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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 BELVEDERE CASTLE - 155**  
**Asset # : 1092**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	Exposed Concrete	55%	0-2	\$14,500	LIFE	* *	5	\$1,300	
		Staining/Discoloring, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Exposed Struc: Steel	10%	Now	\$6,900	LIFE	* *			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : 1st And 2nd Floors							
	Masonry:Vault Struct	30%			LIFE	* *			
	Wood	5%	Now	\$1,500	LIFE	* *	5	\$6,600	
		Dry Rot/Decay, Extent : Severe, Area Affected : 20%							
		Location : 1st And 2nd Floors							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2037	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : One 200 Amperes Main Disconnect Switch							
Raceway									
	Conduit	70%			2037	* *	1		
	Conduit	30%			2057	* *	1		
Panelboards									
	Molded Case Bkrs	75%			2035	* *	5	\$200	
	Molded Case Bkrs	25%			2052	* *	5	\$100	
Wiring									
	Thermoplastic	80%			2037	* *	1		
	Thermoplastic	20%			2057	* *	1		
Motor Controllers									
	Locally Mounted	100%			2032	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	LED	100%			2037	* *			
Egress Lighting									
	Emergency, Battery	50%			2027	\$7,400	10	\$1,200	
	Exit, Service	50%			2027	\$1,500	1		
Exterior Lighting									
	HID	100%			2027	\$37,500	10		

**Alarm**

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

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

## Alarm

## Security System

No Component

30%

Generic

70%

2032

\* \*

1

\$2,400

## Fire/Smoke Detection

No Component

30%

Generic, Digital

70%

2032

\* \*

1-3

\$3,900

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

## Heating

## Energy Source

Electricity

100%

2047

\* \*

1

## Conversion Equipment

Radiant Heater

100%

2032

\* \*

2

\$4,600

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : Electric Baseboard Radiators*

## Air Conditioning

## Energy Source

Electricity

100%

2043

\* \*

1

## Conversion Equipment

Interior Pkg Unit -

Cooling

20%

2031

\* \*

2

\$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Office Space**Explanation : Split Unit Fan Coil*

No Component

80%

## Heat Rejection

Dry Cooler

20%

2032

\* \*

2

\$1,400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Adjacent To Building**Explanation : Split Unit Air Cooled Condenser*

No Component

80%

## Ventilation

## Exhaust Fans

Interior

10%

2032

\* \*

2

*Other Observation, Extent : Light, Area Affected : 10%**Location : Toilet Room**Explanation : Toilet Exhaust Fan*

No Component

90%

## Plumbing

## H/C Water Piping

Brass/Copper

100%

2047

\* \*

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 BELVEDERE CASTLE - 155**  
**Asset # : 1092**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Electric	100%			2025	\$9,000	4	\$100	
Malfunctioning, Extent : Severe, Area Affected : 100%									
Location : Janitor Closet									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,058,900	\$64,200
Interior Architecture	\$387,700	\$46,600
Electrical	\$53,500	
Mechanical		\$73,800
<b>Total</b>	<b>\$2,500,200</b>	<b>\$184,600</b>
Importance Code A	\$2,058,900	\$64,200
Importance Code B	\$441,300	\$120,400
<b>Total</b>	<b>\$2,500,200</b>	<b>\$184,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$45,200			\$22,600
Interior Architecture	\$65,300	\$200		\$500
Electrical	\$82,300	\$1,700	\$1,500	\$48,600
Mechanical	\$5,600	\$4,000	\$4,600	\$18,900
<b>Total</b>	<b>\$198,400</b>	<b>\$5,900</b>	<b>\$6,100</b>	<b>\$90,500</b>
Importance Code A	\$61,300	\$2,300	\$2,400	\$24,900
Importance Code B	\$137,100	\$3,600	\$3,700	\$65,600
Importance Code C				
<b>Total</b>	<b>\$198,400</b>	<b>\$5,900</b>	<b>\$6,100</b>	<b>\$90,500</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 BOROUGH MAINTENANCE SHOP - 153**  
**Asset # : 1086**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	80%	Now	\$844,900	LIFE	* *	5	\$64,200	
				Diagonal Cracks, Extent : Moderate, Area Affected : 15%					
				Location : East Facade					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
				Spalling, Extent : Moderate, Area Affected : 35%					
				Location : Throughout					
				Vegetation Growth, Extent : Moderate, Area Affected : 35%					
				Location : South East Corner And South Facade					
				Worn/Eroded, Extent : Moderate, Area Affected : 30%					
				Location : Throughout					
	Masonry: Granite	5%	Now	\$155,200	LIFE	* *	5	\$3,000	
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : North Facade					
	Wood	5%	Now	\$229,600	2047	* *	5	\$10,000	
				Air Infiltration, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
				Dry Rot/Decay, Extent : Moderate, Area Affected : 35%					
				Location : Throughout					
				Split/Cracked, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
	Wood Overhead Doors	10%	Now	\$276,900	2047	* *	5	\$20,100	
				Deteriorated Finish, Extent : Moderate, Area Affected : 50%					
				Location : North Facade					
				Paint Peeling, Extent : Moderate, Area Affected : 50%					
				Location : North Facade					
				Split/Cracked, Extent : Moderate, Area Affected : 30%					
				Location : North Facade					
Windows									
	Wood	100%	Now	\$166,900	2052	* *	5	\$20,300	
				Dry Rot/Decay, Extent : Moderate, Area Affected : 30%					
				Location : Throughout					
				Thermally Inefficient, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Split/Cracked, Extent : Moderate, Area Affected : 30%					
				Location : Exterior Side					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : Protective Metal Grilles					

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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 BOROUGH MAINTENANCE SHOP - 153**  
**Asset # : 1086**

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									
Parapets									
Cast Stone/Terra Cotta	5%	Now	\$24,300	LIFE	**	5	\$5,500		
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Coping									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Coping									
Masonry: Brick	35%	Now	\$94,500	LIFE	**	5	\$5,000		
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Worn/Eroded, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Slate	20%			LIFE	**	5	\$2,800		
No Component	40%								
Roof									
Modified Bitumen	50%			2032	**	10	\$22,600		
Skylight, Metal/Glass	20%	Now	\$290,900	2037	**				
Broken/Missing Elements, Extent : Severe, Area Affected : 5%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Over Second Floor									
Slate	25%	Now	\$20,800	LIFE	**				
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Sloped Glazing	5%			LIFE	**	5	\$30,100		
Interior									
Floors									
Cast in Place Concrete	59%	Now	\$48,300	LIFE	**	5	\$46,600		
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Ceramic Tile	1%			2030	**	5	\$400		
Vinyl Tile	10%	Now	\$33,500	2037	**	3	\$1,400		
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : 2nd Floor Offices									
Misaligned/Bulging, Extent : Severe, Area Affected : 25%									
Location : 2nd Floor Offices									
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : 2nd Floor Offices									
Wood	30%	Now	\$116,900	2042	**	5	\$10,200		
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Throughout Second Floor Shops									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout Second Floor Shops									
Split/Cracked, Extent : Moderate, Area Affected : 35%									
Location : Throughout Second Floor Shops And Stairs									

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

**Interior**

**Interior Walls**

Masonry: Brick	65%			LIFE		**			
Plaster	10%			LIFE		**	5	\$300	
Wood	25%			LIFE		**	5	\$9,000	

**Ceilings**

AcousTileConcealSpLn	10%	Now	\$31,900	2047		**	5	\$2,300	
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%*

*Location : 2nd Floor Office*

*Worn/Eroded, Extent : Moderate, Area Affected : 50%*

*Location : 2nd Floor Office*

Exposed Struc: Wood	90%	Now	\$222,500	LIFE		**			
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*Dry Rot/Decay, Extent : Severe, Area Affected : 25%*

*Location : Throughout Second Floor, Paint Storage K4e*

*Misaligned/Bulging, Extent : Severe, Area Affected : 5%*

*Location : Paint Storage On Second Floor Room K4e*

*Worn/Eroded, Extent : Moderate, Area Affected : 25%*

*Location : Throughout Second Floor*

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	50%	0-2	\$13,800	2057		**	5		
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*On Extended Life, Extent : Moderate, Area Affected : 100%*

*Location : 1st Floor Electrical Room*

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

*Location : 1st Floor Electrical Room*

*Explanation : One 400 Amperes Main Disconnect Switch*

Fused Disc Sw	50%			2027	\$13,800		5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room - Ground Floor*

*Explanation : One 400 Amperes Main Disconnect Switch*

**Switchgear / Switchboard**

Fused Disc Sw	50%			2027	\$26,700		5		
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Fused Knife Sw	50%	2-4	\$26,700	2057		**	5		
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*Obsolete Equipment, Extent : Moderate, Area Affected : 100%*

*Location : 1st Floor*

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

*Location : Throughout The Building*

**Raceway**

Conduit	100%			2027	\$34,200		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**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**

**Asset # : 1086**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	10%			2026	\$4,200	5		
	Fused Toggle Switch	20%	0-2	\$8,400	2052	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Molded Case Bkrs	50%			2026	\$21,000	5	\$300	
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Molded Case Bkrs	20%			2049	* *	5	\$100	
Wiring									
	Braided Cloth	80%	2-4	\$24,200	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 80%									
Location : Throughout									
	Thermoplastic	20%			2053	* *	1		
Motor Controllers									
	Locally Mounted	50%			2025	\$7,800	5	\$100	
	Locally Mounted	50%	2-4	\$7,800	2047	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
Interior Lighting									
	Fluorescent	75%			2022	\$53,500	10	\$16,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Fluorescent	20%			2035	* *	10	\$4,400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Shop And Mechanical Room									
	Incandescent	5%			2022	\$8,400	2		
Egress Lighting									
	Emergency, Battery	50%			2022	\$17,700	10	\$2,900	
	Exit, Service	50%			2022	\$1,500	1		
Alarm									
Security System									
	No Component	30%							
	Generic	70%			2035	* *	1	\$5,500	
Fire/Smoke Detection									
	No Component	30%							
	Generic, Digital	70%			2035	* *	1-3	\$9,100	

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BOROUGH MAINTENANCE SHOP - 153**  
**Asset # : 1086**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	95%			2047	**	5	\$7,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Underground In Yard							
		Explanation : (1) 1,000 Gallon Tank							
	Natural Gas	5%			2047	**	1		
Conversion Equipment									
	Radiant Heater	5%			2027	\$21,800	2	\$600	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Plumbing Shop							
		Explanation : Gas Fired Space Heater							
	Steam Boiler	95%			2044	**	1	\$22,700	
		Other Observation, Extent : Light, Area Affected : 95%							
		Location : Boiler Room							
		Explanation : 1 Bio Diesel Fueled Steam Boiler							
Distribution									
	Central Plant Steam Piping/Pmp	100%			2047	**	4	\$1,800	
Terminal Devices									
	Convactor/Radiator	80%			2032	**	1	\$6,200	
	Fan Coil Unit/Heat	20%			2027	\$73,800	1	\$1,600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
Conversion Equipment									
	Window/Wall Unit	15%			2022	\$7,700	1		
	No Component	85%							
Ventilation									
	Exhaust Fans								
	Interior	10%			2027	\$8,800	2	\$100	
	Wall Unit	20%			2027	\$1,800	2	\$200	
	No Component	70%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	**	1		
		No Water Meter, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
Water Heater									
	Gas Fired	100%			2026	\$15,000	2	\$400	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Fixtures									
	Generic	100%							
Fire Suppression									
	Standpipe								
	Generic	100%			2037	**	1-5	\$12,600	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**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>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>Priority</b>
Fire Suppression	Sprinkler							
	Generic	100%		2037	* *	1-2	\$6,800	
<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.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$36,300	
<b>Total</b>	<b>\$36,300</b>	
Importance Code A	\$36,300	
<b>Total</b>	<b>\$36,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$42,100			\$5,900
Interior Architecture		\$2,000		
Electrical		\$100		
<b>Total</b>	<b>\$42,100</b>	<b>\$2,000</b>		<b>\$5,900</b>
Importance Code A	\$42,100			\$5,900
Importance Code B		\$2,000		
<b>Total</b>	<b>\$42,100</b>	<b>\$2,000</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**  
**CENTRAL PARK CAROUSEL - 035**  
**Asset # : 1113**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%	0-2	\$31,800	LIFE	* *	5	\$4,800	
	Horizontal Cracks, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
	Location : All Facades							
	Spalling, Extent : Moderate, Area Affected : 25%							
	Location : All Facades							
Metal Coiling Doors	35%			2032	* *	5	\$9,600	
Metal: Cage/Fence	5%	0-2	\$400	2040	* *	5	\$1,000	
	Corrosion/Rusting, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Wood	5%			2032	* *	5	\$2,200	
Windows								
Wood	100%	Now	\$9,900	2052	* *	5	\$1,600	
	Deteriorated Finish, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%							
	Location : Throughout							
	Split/Cracked, Extent : Moderate, Area Affected : 50%							
	Location : Throughout Exterior Side							
Roof								
Slate	100%	Now	\$36,300	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 15%							
	Location : Central Cupola							
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$6,900	
Wood	40%			2055	* *	5	\$3,900	
	Recent Repair Evident, Extent : Light, Area Affected : 100%							
	Location : Carousel Flooring							
Ceilings								
Exposed Struc: Wood	100%			LIFE	* *			

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Transformers								
	Dry Type	100%			2032	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 75 Kva 208pri-480/277sec							
	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	\$4,200	10	\$1,600	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Incandescent	50%			2027	\$10,000	2		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$16,100			
Interior Architecture	\$8,000	\$300		
Electrical	\$2,700			\$8,400
Mechanical	\$300	\$200	\$400	\$500
<b>Total</b>	<b>\$27,100</b>	<b>\$600</b>	<b>\$400</b>	<b>\$8,800</b>
Importance Code A	\$16,300	\$200	\$200	\$200
Importance Code B	\$6,700	\$400	\$200	\$8,700
Importance Code C	\$4,100			
<b>Total</b>	<b>\$27,100</b>	<b>\$600</b>	<b>\$400</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**  
**CENTRAL PARK DELACORTE COMFORT STATION**  
**Asset # : 806**

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: Granite	92%			LIFE	**	5	\$5,100	
		Vegetation Growth, Extent : Moderate, Area Affected : 25%							
		Location : West And South Facades							
	Masonry: Limestone	8%	0-2	\$7,000	LIFE	**	5	\$400	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : Green Staining Throughout							
Windows									
	Aluminum	10%			2035	**	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Basement							
		Explanation : Basement Windows							
	Steel	90%	Now	\$9,100	2035	**	5	\$3,300	
		Air Infiltration, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Broken/Missing Elements, Extent : Light, Area Affected : 20%							
		Location : Various Locations							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 40%							
		Location : First Floor Windows							
Roof									
	Slate	100%			LIFE	**			
Interior									
Floors									
	Cast in Place Concrete	25%	4+	\$700	LIFE	**	5	\$1,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
	Ceramic Tile	25%			2030	**	5	\$600	
	Terrazzo	50%			LIFE	**	5	\$900	
Interior Walls									
	Ceramic Tile	30%	0-2	\$2,500	2036	**	5	\$200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Corridor Between Men And Women Restroom							
	Masonry: Brick	10%	Now	\$1,200	LIFE	**			
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Basement Walls							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Storage Room In Basement							
	Plaster	60%	0-2	\$400	LIFE	**	5	\$300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Main Office							

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 DELACORTE COMFORT STATION**  
**Asset # : 806**

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

## Interior

## Ceilings

Exposed Concrete

5%

LIFE

\* \*

5

Plaster

95%

4+

\$3,200

LIFE

\* \*

5

\$1,400

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

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw

100%

2037

\* \*

5

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 100 Amperes Main Disconnect Switch*

## Raceway

Conduit

70%

2037

\* \*

1

Conduit

30%

2027

\$1,200

1

## Panelboards

Molded Case Bkrs

100%

2035

\* \*

5

## Wiring

Braided Cloth

30%

2-4

\$2,700

2052

\* \*

1

*Insulation Aged, Extent : Severe, Area Affected : 100%**Location : Electrical Room*

Thermoplastic

70%

2037

\* \*

1

## Ground

## Grounding Devices

Generic

100%

LIFE

\* \*

5

## Lighting

## Interior Lighting

Fluorescent

80%

2032

\* \*

10

\$1,200

*Other Observation, Extent : Moderate, Area Affected : 80%**Location : Throughout The Building**Explanation : T-8 Lamps*

Fluorescent

20%

2032

\* \*

10

\$300

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%**Location : Janitors Room*

## Exterior Lighting

HID

100%

2022

\$6,800

10

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

## Heating

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

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

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

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

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$2,200	\$600	\$1,000	\$100
Electrical	\$100	\$100	\$100	\$3,100
Mechanical	\$700	\$300	\$900	\$300
<b>Total</b>	<b>\$2,900</b>	<b>\$1,000</b>	<b>\$2,000</b>	<b>\$3,500</b>
Importance Code A	\$100	\$100	\$100	\$200
Importance Code B	\$2,800	\$800	\$1,100	\$3,400
Importance Code C			\$700	
<b>Total</b>	<b>\$2,900</b>	<b>\$1,000</b>	<b>\$2,000</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**  
**CENTRAL PARK HECKSCHER PLAYGROUND BLDG - 032**  
**Asset # : 797**

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 400 Amperes Main Disconnect Switch							
Switchgear / Switchboard									
	Fused Disc Sw	100%			2047	* *	5		
Raceway									
	Conduit	100%			2047	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK HECKSCHER PLAYGROUND BLDG - 032**  
**Asset # : 797**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	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	
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps							
	Fluorescent	10%			2032	**	10	\$300	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100% Location : Throughout							
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	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2053	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2044	**	1	\$1,500	
	Distribution								
	Hot Wtr Piping/Pump	100%			2049	**	4	\$100	
	Terminal Devices								
	Convactor/Radiator	100%			2044	**	1	\$1,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	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 HECKSCHER PLAYGROUND BLDG - 032**  
**Asset # : 797**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Interior Pkg Unit - Cooling	70%			2031	* *	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100% Location : 2nd Floor Me Room Explanation : 1 Unit							
	No Component	30%							
Heat Rejection									
	Air Cooled Condenser Unit	100%			2035	* *	2	\$2,000	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2057	* *	1		
	Water Heater								
	Gas Fired	100%			2027	\$1,800	2		
	HW Heat Exchanger								
	Steam Fired	100%			2053	* *	4	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2035	* *	1	\$200	
	Fixtures								
	Generic	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,880,500	\$668,000
Interior Architecture	\$2,201,700	\$461,700
Electrical	\$109,200	\$193,800
Mechanical		\$5,025,700
<b>Total</b>	<b>\$4,191,400</b>	<b>\$6,349,200</b>
Importance Code A	\$1,880,500	\$668,000
Importance Code B	\$1,228,600	\$5,681,200
Importance Code C	\$1,082,400	
<b>Total</b>	<b>\$4,191,400</b>	<b>\$6,349,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$23,400	\$35,200		\$42,300
Interior Architecture	\$37,300		\$5,600	
Electrical	\$800	\$1,100	\$1,200	\$30,400
Mechanical	\$24,800	\$64,200	\$35,300	\$69,200
<b>Total</b>	<b>\$86,300</b>	<b>\$100,500</b>	<b>\$42,000</b>	<b>\$141,800</b>
Importance Code A	\$30,700	\$42,500	\$7,300	\$49,600
Importance Code B	\$26,900	\$58,000	\$34,700	\$92,200
Importance Code C	\$28,700			
<b>Total</b>	<b>\$86,300</b>	<b>\$100,500</b>	<b>\$42,000</b>	<b>\$141,800</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	\$416,100	LIFE	* *	5	\$338,100	
	Paint Peeling, Extent : Moderate, Area Affected : 25%								
	Location : Pool								
	Spalling, Extent : Light, Area Affected : 20%								
	Location : Throughout Pool								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Pool								
	Explanation : Includes Perimeter Pool Walls								
	Masonry: Brick	25%	Now	\$417,300	LIFE	* *	5	\$42,300	
	Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
	Location : North Facade								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 25%								
	Location : North Facade								
	Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
	Location : South Facade								
	Metal Panel	5%			2037	* *	5-10	\$58,100	
	Metal Coiling Doors	10%			2040	* *	5	\$52,800	
	Pre-Cast Concrete	10%			LIFE	* *	5	\$54,900	
	Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
	Location : South Facade								
	Stucco Cement	5%			2032	* *	5	\$21,100	
	Cracking/Crumbling, Extent : Light, Area Affected : 15%								
	Location : North Facade Of Locker Rooms								
	Window Wall	5%			2047	* *	5	\$31,700	
Windows									
	Aluminum	75%	Now	\$77,400	2052	* *	5	\$800	
	Air Infiltration, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Metal Louvers	25%	Now	\$1,800	2036	* *			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								

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**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									
	Parapets								
	Masonry: Brick	10%			LIFE	**	5	\$4,000	
	Metal Rail	15%			2044	**	5-10	\$107,700	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Above Concessions Area							
	Metal: Cage/Fence	25%	4+	\$21,500	2040	**	5	\$32,000	
		Corrosion/Rusting, Extent : Light, Area Affected : 15%							
		Location : Perimeter Fence							
	Pre-Cast Concrete	50%	Now	\$155,100	LIFE	**	5	\$125,000	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : At Coping							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Roof									
	Cast in Place Concrete	40%	Now	\$152,200	LIFE	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Around Pool							
		Explanation : Includes Perimeter Pavement							
	Cement-Fiber Panel	10%			2030	**	5	\$17,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Above Concessions							
		Explanation : This Is Allocated To The Shade Structure							
	Paver: Asphalt	50%	Now	\$620,100	2030	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : Over First Floor							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Over First Floor							
		Water Penetration, Extent : Moderate, Area Affected : 40%							
		Location : Over First Floor							

Interior

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**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
Interior									
Floors									
	Cast in Place Concrete	35%			LIFE	**	5	\$170,100	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : First Floor								
	Explanation : Rubber Matting Over Concrete								
	Cast in Place Concrete	60%	Now	\$453,700	LIFE	**	5	\$291,600	
	Drains Clogged, Extent : Severe, Area Affected : 10%								
	Location : Lot On South Side Of Building. Water Shed Back Into Building								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Basement								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Basement								
	Explanation : Severe Flooding During Heavy Rains								
	Ceramic Tile	5%			2036	**	5	\$11,100	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : First Floor								
	Explanation : Rubber Matting Over Tiles								
Interior Walls									
	Cast in Place Concrete	60%	Now	\$981,600	LIFE	**			
	Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
	Location : Stairwell To Basement								
	Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
	Location : Throughout Basement								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
	Location : Pool Walls In Tunnels								
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : Pool Walls In Tunnels								
	Concrete Masonry Unit	15%	Now	\$28,700	LIFE	**	5	\$4,700	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Masonry: Brick	15%	Now	\$100,800	LIFE	**			
	Diagonal Cracks, Extent : Severe, Area Affected : 10%								
	Location : Women Locker Room								
	Horizontal Cracks, Extent : Severe, Area Affected : 10%								
	Location : Women Locker Room								
	Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
	Location : Women Locker Room								
	SGFT/Glazed Masonry	10%			LIFE	**			

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**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
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	\$6,300	
			Recent Replace Evident, Extent : Light, Area Affected : 100%					
			Location : Concessions/ Locker Rooms					
Exposed Concrete	60%	Now	\$665,700	LIFE	* *	5	\$5,900	
			Cracking/Crumbling, Extent : Moderate, Area Affected : 10%					
			Location : Basement					
			Exposed Reinforcement, Extent : Severe, Area Affected : 5%					
			Location : Stairwell To Basement					
			Misaligned/Bulging, Extent : Severe, Area Affected : 20%					
			Location : Underside Of Pool Deck In Basement					
Plaster	30%	4+	\$5,400	LIFE	* *	5	\$11,900	
			Cracking/Crumbling, Extent : Moderate, Area Affected : 10%					
			Location : Throughout					

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : One 6000 Amperes Main Disconnect Switch							
Switchgear / Switchboard								
Fused Disc Sw	70%			2027	\$24,700	5	\$100	
Fused Disc Sw	30%			2053	* *	5	\$100	
Raceway								
Conduit	95%			2027	\$32,500	1		
Conduit	5%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2026	\$3,300	5	\$100	
Molded Case Bkrs	30%			2043	* *	5	\$300	
Molded Case Bkrs	60%			2026	\$19,600	5	\$700	
Wiring								
Thermoplastic	10%			2053	* *	1		
Thermoplastic	90%			2027	\$27,200	1		
Motor Controllers								
Locally Mounted	40%			2025	\$33,000	5	\$100	
Locally Mounted	20%			2047	* *	5	\$100	
Motor Control Center	40%			2025	\$8,100	5	\$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$600	

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	95%			2037	* *	10	\$129,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	5%			2037	* *	10	\$6,800	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Lobby							
Egress Lighting									
	Emergency, Battery	50%			2022	\$109,200	10	\$17,900	
	Exit, Service	50%			2022	\$11,600	1		
Exterior Lighting									
	Fluorescent	20%			2037	* *	10	\$800	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
	HID	80%			2037	* *	10	\$100	
Alarm									
	Security System								
	No Component	50%							
	Generic	50%			2037	* *	1	\$7,900	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2047	* *	5	\$46,000	
	Buried Tank(s), Extent : Light, Area Affected : 100%							
	Location : Yard In Back Of Building							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Yard In Back Of Building							
	Explanation : (1) 10,000 Gallon Tank							
Conversion Equipment								
Hot Water Boiler	100%			2032	* *	1	\$73,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : (2) #2 Oil Burning Hot Water Boilers							
Distribution								
Hot Wtr Piping/Pump	100%			2035	* *	4	\$11,000	
Terminal Devices								
Air Handler	30%			2027	\$639,800	1	\$27,500	
Fan Coil Unit/Heat	70%			2027	\$1,589,900	1	\$33,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout Lobby And Locker Rooms							
	Explanation : Hot Water Cabinet Unit Heaters							

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

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%			2035	**	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	100%			2027	\$1,679,200	1	\$22,500	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Chiller Plant Serves Ice Skating Rink Only									
Distribution									
	CW & CHW Wtr Pipe/Pump	100%	Now	\$3,100	2037	**	4	\$700	
Broken, Extent : Moderate, Area Affected : 100%									
Location : Basement, Defective Pump Seals									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Chilled And Condenser Water Pumps Serve Ice Skating Rink Only									
Heat Rejection									
	Water Cooling Tower	100%			2028	\$810,200	2	\$149,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Back Yard Of Skating Rink									
Explanation : Cooling Tower Serves Ice Skating Rink Only									
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$82,800	
Exhaust Fans									
	Interior	50%			2027	\$269,800	2	\$2,300	
	No Component	50%							
Plumbing									
H/C Water Piping									
	Galvanized Steel	100%			2032	**	1		
HW Heat Exchanger									
	Steam Fired	100%			2037	**	4	\$14,700	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Other Observation, Extent : Light, Area Affected : 40%									
Location : Adjacent To Building									
Explanation : Stream Floods Basement During Heavy Rains									
Sump Pump(s)									
	Non-Submersible	100%			2027	\$6,600	4	\$1,300	
Pool Filter/Treatment									
	Sand	100%			2040	**	4	\$55,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Filter Equipment Is In Basement									
Explanation : Rink Is Used As Pool During Summer									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*  
*Estimates are rounded to the nearest hundred dollars.*  
*Maintenance \$ are aggregated over a ten-year period. Site specific 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>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>Priority</b>
Plumbing								
	Sewage Ejector(s)							
	Electric	100%		2027	\$12,400	4	\$2,500	
	Fixtures							
	Generic	100%						
Fire Suppression								
	Chemical System							
	Generic	100%		2025	\$2,100	1-3	\$4,000	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$167,300	\$122,500
Electrical	\$11,700	
Mechanical		\$517,500
<b>Total</b>	<b>\$179,100</b>	<b>\$640,000</b>
Importance Code A	\$167,300	\$122,500
Importance Code B	\$11,700	\$517,500
<b>Total</b>	<b>\$179,100</b>	<b>\$640,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$60,200	\$15,300		\$49,200
Interior Architecture	\$4,800	\$18,600	\$400	\$4,800
Electrical	\$200	\$300	\$200	\$1,200
Mechanical	\$9,400	\$2,800	\$9,000	\$3,100
<b>Total</b>	<b>\$74,600</b>	<b>\$37,000</b>	<b>\$9,600</b>	<b>\$58,300</b>
Importance Code A	\$61,300	\$16,300	\$1,100	\$50,200
Importance Code B	\$9,700	\$20,300	\$8,500	\$8,100
Importance Code C	\$3,700	\$300		
<b>Total</b>	<b>\$74,600</b>	<b>\$37,000</b>	<b>\$9,600</b>	<b>\$58,300</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 ICE RINK WOLLMAN - 017**  
**Asset # : 1112**

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	62%	2-4	\$50,000	LIFE	* *	5	\$15,200	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : All Facades								
	Vegetation Growth, Extent : Moderate, Area Affected : 20%								
	Location : West And South Facades								
	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	\$8,100	2062	* *	5	\$2,100	
	Seams Open/Split, Extent : Moderate, Area Affected : 15%								
	Location : At Structural Beams - South Facade								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : At Open Seams								
	Masonry: Granite	35%	Now	\$25,200	LIFE	* *	5	\$2,500	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : Parapet Wall At Observation Deck								
	Metal Rail	50%			2032	* *	5-10	\$52,000	
Roof									
	Paver: Asphalt	75%	Now	\$27,000	2030	* *			
	Broken Paver Blocks, Extent : Moderate, Area Affected : 20%								
	Location : West Entrance To Observation Deck								
	Sloped Glazing	25%	Now	\$117,300	LIFE	* *	5	\$122,500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Various Locations								
	Glazing Clouded, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								

Interior

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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	15%			LIFE	**	5	\$10,600	
	Ceramic Tile	5%			2030	**	5	\$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Existing Floor Currently Covered By Sheet Vinyl/ Rubber									
	Panel/Paver: Cer/Brk	45%			2035	**	5	\$32,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Existing Floor Currently Covered By Sheet Vinyl/rubber									
	Quarry Tile	5%			2040	**	5	\$2,400	
	Sheet Vinyl/Rubber	20%			2032	**	5	\$9,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Covers Entire Floor Area - Existing Floor Still Present Underneath									
	Vinyl Tile	10%			2027	\$29,900	3	\$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Existing Floor Currently Covered By Sheet Vinyl/rubber									
Interior Walls									
	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	**			
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : South End Archway Near Restrooms									
	Plaster	20%			LIFE	**	5	\$700	
Ceilings									
	AcousTileSusp.Lay-In	25%			2044	**	5	\$2,300	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Concessions									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Concessions									
Explanation : Panels Float On Wires. Panels Are Fiberglass, Not Act									
	Exposed Concrete	45%			LIFE	**	5	\$600	
Water Penetration, Extent : Light, Area Affected : 10%									
Location : From Parapet Wall Above - South Facade									
	Plaster	25%			LIFE	**	5	\$1,400	
	Wood	5%			LIFE	**	5	\$4,000	

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

Under 600 Volts

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**  
**CENTRAL PARK ICE RINK WOLLMAN - 017**  
**Asset # : 1112**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2037	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Two 2000 Amperes And Two 1200 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2037	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : One 75 Kva 208v Pri - 480/277v Sec							
	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	\$11,700	10	\$1,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : T-12 Lamps							
	Fluorescent	10%			2035	**	10	\$2,000	
	LED	85%			2035	**			
	Egress Lighting								
	Emergency, Battery	50%			2027	\$15,800	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	\$1,100	

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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>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>Priority</b>
<b>Heating</b>								
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	\$1,600	
Terminal Devices	Air Handler	80%		2027	\$247,200	1	\$10,600	
	Convactor/Radiator	10%		2040	**	1	\$700	
	Fan Coil Unit/Heat	10%		2032	**	1	\$700	
<b>Air Conditioning</b>								
Energy Source	Electricity	100%		2043	**	1		
Conversion Equipment	Int Pkg Unit - Heating/Cooling	25%		2028	\$38,200	2	\$100	
	Int Pkg Unit - Heating/Cooling	75%		2025	\$114,700	2	\$300	
Heat Rejection	Water Cooling Tower	100%		2025	\$117,400	2	\$21,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Refrigerant R-22</i>								
<b>Ventilation</b>								
Distribution	Ductwork/Diffusers	100%		LIFE	**	2-5	\$12,000	
Exhaust Fans	Interior	20%		2032	**	2	\$100	
	No Component	80%						
<b>Plumbing</b>								
H/C Water Piping	Brass/Copper	100%		2037	**	1		
HW Heat Exchanger	Steam Fired	100%		2047	**	4	\$3,200	
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	\$200	
Sewage Ejector(s)	Electric	100%		2027	\$1,800	4	\$400	
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.

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

**Asset # : 1112**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
	No Component	50%							
	Generic	50%			2037	* *	1-2	\$3,000	
Chemical System									
	Generic	100%			2025	\$2,100	1-3	\$4,000	

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

*Estimates are rounded to the nearest hundred dollars.*

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

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$46,100	
<b>Total</b>	<b>\$46,100</b>	
Importance Code A	\$46,100	
<b>Total</b>	<b>\$46,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$500		\$25,700
Interior Architecture	\$6,300	\$2,100	\$500	
Electrical	\$500	\$700	\$500	\$6,900
Mechanical	\$2,400	\$1,500	\$2,100	\$1,800
<b>Total</b>	<b>\$9,200</b>	<b>\$4,800</b>	<b>\$3,000</b>	<b>\$34,400</b>
Importance Code A	\$500	\$900	\$500	\$26,200
Importance Code B	\$8,700	\$3,800	\$2,500	\$8,200
Importance Code C			\$100	
<b>Total</b>	<b>\$9,200</b>	<b>\$4,800</b>	<b>\$3,000</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 LOEB BOATHOUSE - 113**  
**Asset # : 1085**

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	45%			LIFE	**	5	\$10,700	
	Masonry: Brick Cavity	5%			LIFE	**	5	\$1,200	
	Masonry: Limestone	10%			LIFE	**	5	\$1,800	
	Metal Panel	10%			2047	**	5-10	\$16,400	
	Window Wall	22%			2047	**	5	\$19,600	
	Other Observation, Extent : Moderate, Area Affected : 5%								
	Location : Dining And Banquet Areas, Facing The Lake								
	Explanation : Operable Window Wall								
	Wood	8%			2032	**	5	\$9,500	
	Split/Cracked, Extent : Light, Area Affected : 15%								
	Location : Throughout								
Windows									
	Steel	20%			2035	**	5	\$1,000	
	Wood	80%			2043	**	5	\$3,100	
Parapets									
	Metal Panel	10%			2037	**	5	\$1,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Mechanical Bulkhead Above Kitchen								
	Explanation : Metal Structural Panel								
	No Component	90%							
Roof									
	Copper/Terne	70%			2042	**	10	\$46,100	
	Fiberglass Panel	15%			2036	**	1		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Banquet Room								
	Explanation : Standing Seam Vinyl. Emulates Copper Roof								
	Metal Panel	10%			2032	**	10	\$4,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Above Kitchen								
	Explanation : Structural Panel								
	Single Ply Membrane	5%			2032	**	10	\$1,300	
Interior									
Floors									
	Cast in Place Concrete	5%			LIFE	**	5	\$1,500	
	Ceramic Tile	5%			2036	**	5	\$700	
	Granite Panels	20%			LIFE	**	5	\$2,100	
	Quarry Tile	20%			2040	**	5	\$4,200	
	Slate	40%			LIFE	**	5	\$6,000	
	Wood	10%	Now	\$5,100	2055	**	5	\$1,300	
	Loose/Miss Fasteners, Extent : Moderate, Area Affected : 10%								
	Location : Blisters Evident - Dining Area								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Dining Area								
	Explanation : Laminated Wood Floors								

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Ceramic Tile	10%			2036	**	5	\$200	
	Fiberglass Panel	10%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Kitchen									
Explanation : Reinforced Fiber Panel									
	Masonry: Brick	10%			LIFE	**			
	Metal Panel	10%			LIFE	**			
	Plaster	50%			LIFE	**	5	\$400	
	Wood	10%			LIFE	**	5	\$1,000	
Ceilings									
	AcousTileSusp.Lay-In	10%	0-2	\$1,200	2032	**	5	\$700	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%									
Location : Kitchen									
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : Kitchen									
	Exposed Struc: Steel	5%			LIFE	**			
	Exposed Struc: Wood	20%			LIFE	**			
	Fiber Board	10%			2032	**			
	Gypsum Board	10%			LIFE	**	5	\$1,800	
	Plaster	45%			LIFE	**	5	\$4,000	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Kitchen									
Explanation : Reinforced Fiber Panel									

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	60%			2032	**	10	\$5,200	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps								
	Incandescent	40%			2032	**	2	\$100	
	Egress Lighting								
	Emergency, Battery	50%			2032	**	10	\$1,100	
	Exit, Service	50%			2032	**	1		
	Exterior Lighting								
	HID	80%			2032	**	10		
	Incandescent	20%			2032	**	2		
Alarm									
	Security System								
	No Component	50%							
	Generic	50%			2032	**	1	\$1,600	
	Fire/Smoke Detection								
	No Component	30%							
	Generic, Digital	70%			2032	**	1-3	\$3,800	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2047	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	**	1	\$4,600	
	Other Observation, Extent : Light, Area Affected : 100% Location : Boiler Room Explanation : 6 Natural Gas Fired Sectional Hot Water Boilers								
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	**	4	\$700	
	Terminal Devices								
	Air Handler	30%			2032	**	1	\$1,700	
	Convactor/Radiator	70%			2040	**	1	\$2,100	
	Other Observation, Extent : Light, Area Affected : 100% Location : Ductwork Explanation : Reheat Coils In The Ductwork								
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**  
**CENTRAL PARK LOEB BOATHOUSE - 113**  
**Asset # : 1085**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	100%			2032	* *	2	\$600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 1 Packaged Roof Top Unit, Remaining Units Are Condensing Split Units							
Terminal Devices									
	Fan Coil - 4 Pipe	70%			2032	* *	1	\$2,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Dinner Areas							
		Explanation : Evaporator Section Of The Split Unit							
	No Component	30%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,200	
	Exhaust Fans								
	Roof	100%			2032	* *	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2047	* *	1		
	HW Heat Exchanger								
	Steam Fired	100%			2047	* *	4	\$1,400	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2025	\$2,100	1-3	\$4,000	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$23,100			\$5,100
Interior Architecture	\$1,900		\$1,000	\$600
Electrical	\$7,100			\$17,900
Mechanical	\$500	\$200	\$800	\$700
<b>Total</b>	<b>\$32,700</b>	<b>\$200</b>	<b>\$1,800</b>	<b>\$24,300</b>
Importance Code A	\$23,400	\$100	\$200	\$5,100
Importance Code B	\$9,300	\$100	\$1,600	\$19,100
Importance Code C				
<b>Total</b>	<b>\$32,700</b>	<b>\$200</b>	<b>\$1,800</b>	<b>\$24,300</b>



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

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

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

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

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	75%	4+	\$10,400	LIFE	**	5	\$6,300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Various Locations Throughout									
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : North Facade									
Metal Panel	5%			2037	**	5-10	\$2,900		
Metal Coiling Doors	10%			2032	**	5	\$2,600		
Wood	5%			2032	**	5	\$2,100		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Perimeter									
Explanation : Underside Of Eaves									
Wood Overhead Doors	5%			2032	**	5	\$2,100		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Restaurant Area									
Explanation : These Are Actually Accordion Doors									
Windows									
Aluminum	10%			2049	**	5			
Wood	90%	0-2	\$700	2035	**	5	\$600		
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : Storage / Bowling Area									
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Roof									
Metal Panel	5%			2032	**	10	\$900		
Modified Bitumen	60%			2035	**	10	\$5,600		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Slate	35%	Now	\$12,000	LIFE	**				
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%									
Location : Northwest Corner									
Interior									
Floors									
Cast in Place Concrete	40%			LIFE	**	5	\$4,300		
Ceramic Tile	40%			2036	**	5	\$2,000		
Slate	10%	0-2	\$1,900	LIFE	**	5	\$500		
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Kitchen Area									
Wood	10%			2042	**	5	\$900		

*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 MINERAL SPRING PAV. - 085**  
**Asset # : 796**

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

## Interior

## Interior Walls

Cast in Place Concrete

25%

LIFE

\* \*

Fiberglass Panel

20%

LIFE

\* \*

*Other Observation, Extent : Light, Area Affected : 100%**Location : Kitchen**Explanation : Fiber Reinforced Panels*

Plaster

30%

LIFE

\* \*

5

\$100

SGFT/Glazed Masonry

25%

LIFE

\* \*

## Ceilings

AcousTileSusp.Lay-In

5%

2032

\* \*

5

\$200

Exposed Concrete

45%

LIFE

\* \*

5

\$300

Exposed Struc: Wood

20%

LIFE

\* \*

5

\$900

Plaster

30%

LIFE

\* \*

5

\$900

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw

100%

2027

\$1,600

5

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 400 Amperes Main Disconnect Switch*

## Raceway

Conduit

100%

2027

\$4,100

1

## Panelboards

Molded Case Bkrs

100%

2026

\$8,200

5

\$100

## Wiring

Braided Cloth

80%

2-4

\$7,100

2052

\* \*

1

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

Thermoplastic

20%

2027

\$1,800

1

## Motor Controllers

Locally Mounted

100%

2025

\$7,800

5

## Ground

## Grounding Devices

Generic

100%

LIFE

\* \*

5

## Lighting

## Interior Lighting

Fluorescent

60%

2032

\* \*

10

\$1,800

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-8, Lamps*

Incandescent

40%

2027

\$7,500

2

*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 MINERAL SPRING PAV. - 085**

**Asset # : 796**

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

**Lighting**

Egress Lighting									
Emergency, Battery	50%			2022		\$2,400	10	\$400	
Exit, Service	50%			2022		\$500	1		
Exterior Lighting									
HID	100%			2022		\$12,800	10		

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

**Heating**

Energy Source									
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	\$800	
<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	\$1,200	
<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	\$1,800	
Exhaust Fans									
Roof	100%			2032		* *	2	\$100	

**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**  
**CENTRAL PARK MINERAL SPRING PAV. - 085**  
**Asset # : 796**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%		2037	* *	1		
	Water Heater Electric	100%		2026	\$3,000	4		
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
Fire Suppression								
	Sprinkler							
	No Component	80%						
	Generic	20%		2047	* *	1-2	\$200	
	<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.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$497,200	
Interior Architecture	\$178,200	\$187,100
<b>Total</b>	<b>\$675,400</b>	<b>\$187,100</b>
Importance Code A	\$497,200	
Importance Code B	\$97,000	\$187,100
Importance Code C	\$81,200	
<b>Total</b>	<b>\$675,400</b>	<b>\$187,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$11,800			
Electrical			\$100	\$28,700
<b>Total</b>	<b>\$11,800</b>		<b>\$100</b>	<b>\$28,700</b>
Importance Code A				\$100
Importance Code B	\$11,800		\$100	\$28,600
<b>Total</b>	<b>\$11,800</b>		<b>\$100</b>	<b>\$28,700</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 NAUMBURG BANDSHELL - 73A**  
**Asset # : 2734**

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 Stone/Terra Cotta      25%      LIFE      \* \*      5      \$7,100

*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

*Repairs in Progress, Extent : Light, Area Affected : 66%*

*Location : Roof And Perimeter Facades*

## Roof

Plaza Roof: Stone Panels      100%      Now      \$497,200      2037      \* \*

*Other Observation, Extent : Moderate, Area Affected : 30%*

*Location : Outer Shell*

*Explanation : Repairs In Progress*

## Interior

## Floors

Cast in Place Concrete      100%      Now      \$97,000      LIFE      \* \*      5      \$187,100

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

*Location : Stage*

## Interior Walls

Cast in Place Concrete      100%      Now      \$81,200      LIFE      \* \*

*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      \$10,000

*Water Penetration, Extent : Moderate, Area Affected : 10%*

*Location : Backstage Support Rooms*

Gypsum Board      25%      0-2      \$11,800      LIFE      \* \*      5      \$26,700

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

*Location : Throughout Backstage Area*

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

## Under 600 Volts

## Service Equipment

Molded Case Bkrs      100%      2027      \$1,600      5      \$100

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

*Location : Electrical Room*

*Explanation : One 100 Amperes Main Disconnect Switch*

## Raceway

Conduit      100%      2027      \$4,100      1

## Panelboards

Molded Case Bkrs      100%      2026      \$8,200      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**  
**CENTRAL PARK NAUMBURG BANDSHELL - 73A**

**Asset # : 2734**

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

Under 600 Volts

Wiring

Thermoplastic

100%

2027

\$8,900

1

Lighting

Interior Lighting

Incandescent

100%

2022

\$28,600

2

\$100

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

Plumbing

Storm Drain Piping

Cast Iron

100%

LIFE

\* \*

1

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$235,400	\$77,800
Electrical		\$93,200
Mechanical		\$319,300
<b>Total</b>	<b>\$235,400</b>	<b>\$490,400</b>
Importance Code A	\$235,400	\$77,800
Importance Code B		\$412,500
<b>Total</b>	<b>\$235,400</b>	<b>\$490,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$55,200			\$2,300
Interior Architecture	\$23,100	\$2,700		\$2,400
Electrical	\$100	\$200	\$100	\$9,100
Mechanical	\$23,000	\$2,300	\$2,500	\$6,300
<b>Total</b>	<b>\$101,500</b>	<b>\$5,200</b>	<b>\$2,700</b>	<b>\$20,100</b>
Importance Code A	\$77,400	\$1,100	\$1,100	\$3,400
Importance Code B	\$24,100	\$3,800	\$1,600	\$16,700
Importance Code C		\$400		
<b>Total</b>	<b>\$101,500</b>	<b>\$5,200</b>	<b>\$2,700</b>	<b>\$20,100</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 NORTH MEADOW REC. CENTER - 198**  
**Asset # : 1111**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%			LIFE	**	5	\$7,200	
	Masonry: Brick	30%	Now	\$14,100	LIFE	**	5	\$4,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Central Breezway							
		Diagonal Cracks, Extent : Severe, Area Affected : 15%							
		Location : Central Breezway, East Wall							
	Masonry: Fieldstone	50%	0-2	\$38,800	LIFE	**	5	\$5,400	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : East Wing Chimney							
	Wood	10%	0-2	\$24,600	2032	**	5	\$3,600	
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Base Trim							
Windows									
	Wood	100%	0-2	\$16,500	2035	**	5	\$26,900	
		Deteriorated Finish, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Parapets									
	Wood Cornice	100%			2037	**	5-10	\$138,700	
Roof									
	Copper/Terne	3%			2042	**	10	\$2,300	
	Slate	97%	Now	\$135,700	LIFE	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%							
		Location : East Facade							
Interior									
Floors									
	Cast in Place Concrete	10%			LIFE	**	5	\$3,500	
	Ceramic Tile	15%			2030	**	5	\$2,400	
	Quarry Tile	20%			2032	**	5	\$4,800	
	Vinyl Tile	55%			2035	**	3	\$3,300	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : East And West Reception Halls And Parks Offices							
Interior Walls									
	Ceramic Tile	5%			2030	**	5	\$700	
	Gypsum Board	40%			LIFE	**	5	\$3,500	
	Plaster	20%			LIFE	**	5	\$900	
	SGFT/Glazed Masonry	30%			LIFE	**			
	Wood	5%			LIFE	**	5	\$2,900	

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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**  
**CENTRAL PARK NORTH MEADOW REC. CENTER - 198**  
**Asset # : 1111**

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

## Interior

## Ceilings

Exposed Struc: Wood	50%			LIFE		**			
Plaster	40%			LIFE		**	5	\$4,000	
Plaster	10%	Now	\$23,100	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		
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 Amperes 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		\$4,800	1		

## Panelboards

Fused Disc Sw	5%			2043		**	5		
Molded Case Bkrs	75%			2043		**	5	\$200	
Molded Case Bkrs	20%			2026		\$6,500	5	\$100	

## Wiring

Thermoplastic	80%			2047		**	1		
Thermoplastic	20%			2027		\$5,300	1		

## Motor Controllers

Locally Mounted	100%			2025		\$49,400	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.*

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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 NORTH MEADOW REC. CENTER - 198**

**Asset # : 1111**

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

**Lighting**

Interior Lighting

Fluorescent

90%

2032

\* \*

10

\$8,900

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

*Location : Throughout The Building*

*Explanation : Lamps T-8 And Cfl*

Fluorescent

5%

2027

\$1,300

10

\$500

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

Fluorescent

5%

2027

\$1,300

10

\$500

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

*Location : Boiler Room*

Egress Lighting

Emergency, Service

50%

2027

\$2,900

1

Exit, Service

50%

2027

\$1,600

1

Exterior Lighting

HID

100%

2027

\$43,700

10

**Alarm**

Security System

No Component

70%

Generic

30%

2032

\* \*

1

\$1,200

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

**Heating**

Energy Source

Fuel Oil No 2

100%

2047

\* \*

5

\$3,300

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

*Location : Under Ground In Yard Next To Boiler Room Entrance*

*Explanation : (2) 1,000 Gallon Tanks*

Conversion Equipment

Steam Boiler

30%

Now

\$21,400

2047

\* \*

1

\$2,900

*Damaged, Extent : Severe, Area Affected : 100%*

*Location : Both Boiler Rooms, 1 Of 2 Damaged Boiler Fire Box Casing*

*Other Observation, Extent : Light, Area Affected : 50%*

*Location : Room Under Administration Office*

*Explanation : 2 Boiler Rooms, 1 Boiler In Each. 1 Room Not In Service*

Steam Boiler

70%

2032

\* \*

1

\$7,500

Distribution

Central Plant Steam

100%

2037

\* \*

4

\$500

Piping/Pmp

Terminal Devices

Air Handler

50%

2027

\$77,500

1

\$3,300

Convactor/Radiator

30%

2032

\* \*

1

\$1,100

Fan Coil Unit/Heat

20%

2027

\$33,000

1

\$700

**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**  
**CENTRAL PARK NORTH MEADOW REC. CENTER - 198**

**Asset # : 1111**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	50%			2025	\$206,100	2	\$300	
	Exterior Pkg Unit - Cooling	40%			2027	\$35,700	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%							
Ventilation									
	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%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	* *	1		
	Water Heater								
	Electric	100%			2026	\$9,700	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2027	\$1,700	4	\$300	
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$90,600	
<b>Total</b>	<b>\$90,600</b>	
Importance Code A	\$90,600	
<b>Total</b>	<b>\$90,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$42,800	\$3,200		
Interior Architecture		\$2,900		\$6,500
Electrical	\$3,400	\$2,600	\$2,700	\$5,000
Mechanical	\$3,900	\$3,000	\$5,000	\$2,600
<b>Total</b>	<b>\$50,100</b>	<b>\$11,700</b>	<b>\$7,700</b>	<b>\$14,200</b>
Importance Code A	\$44,000	\$4,400	\$1,200	\$1,700
Importance Code B	\$6,100	\$6,600	\$6,500	\$12,500
Importance Code C		\$700		
<b>Total</b>	<b>\$50,100</b>	<b>\$11,700</b>	<b>\$7,700</b>	<b>\$14,200</b>



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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 TAVERN ON THE GREEN - 045**  
**Asset # : 1091**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	75%	Now	\$90,600	LIFE	**	5	\$18,100	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : 2015 Restoration Of Entire Exterior Shell, Roof And Windows								
	Water Penetration, Extent : Light, Area Affected : 15%								
	Location : Foundation Walls								
	Masonry: Granite	10%			LIFE	**	5	\$1,800	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Masonry: Limestone	5%			LIFE	**	5	\$900	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Metal/Glass Curt Wall	10%	0-2	\$24,000	LIFE	**	5	\$4,500	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
	Location : Dining Room Doors To Courtyard Overlooking Park								
Windows									
	Wood	8%			2049	**	5	\$3,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Actually Louvers								
	Wood	92%			2049	**	5	\$34,300	
Parapets									
	Cast Stone/Terra Cotta	5%			LIFE	**	5	\$800	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : All Parapets								
	Masonry: Brick	95%			LIFE	**	5	\$2,000	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : All Parapets								
Roof									
	Metal Panel	5%			2040	**	10	\$3,200	
	Roll Roofing	5%	Now	\$200	2028	\$8,000	5	\$1,500	
	Water Penetration, Extent : Light, Area Affected : 10%								
	Location : Above Dining Room								
	Slate	85%			LIFE	**			
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : All Roofs								
	Sloped Glazing	5%			LIFE	**	5	\$23,600	

## Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TAVERN ON THE GREEN - 045**  
**Asset # : 1091**

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			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	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$600	
Lighting									
	Interior Lighting								
	Fluorescent	5%			2037	**	10	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : T-8 Lamps							
	Fluorescent	2%			2037	**	10	\$200	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Bath Room							
	Incandescent	78%			2037	**	2	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Chandellier, Trac Lights And Dercorative Lightings							
	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	
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2035	**	1	\$4,400	
	Fire/Smoke Detection								
	Generic, Digital	100%			2037	**	1-3	\$24,800	

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

Heating

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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	40%			2053	**	1		
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Supply Duct Of Air Conditioning Unit							
		Explanation : Electric Duct Heater							
	Natural Gas	60%			2053	**	1		
Conversion Equipment									
	Steam Boiler	100%			2047	**	1	\$11,500	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 2 Boilers							
Distribution									
	Central Plant Steam Piping/Pmp	100%			2057	**	4	\$600	
Terminal Devices									
	Air Handler	60%			2037	**	1	\$4,300	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
	No Component	40%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	**	1		
Terminal Devices									
	Air Handler/Cool/Ht	90%			2037	**	1	\$6,500	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
	Fan Coil - 2 Pipe	10%			2032	**	1	\$400	
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Adjacent To Building							
		Explanation : Split Unit With Electric Duct Heater							
Heat Rejection									
	Air Cooled Condenser Unit	40%			2035	**	2	\$3,200	
	No Component	60%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,500	

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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 TAVERN ON THE GREEN - 045**  
**Asset # : 1091**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Interior	40%			2035	* *	2	\$100	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Fan Room							
		Explanation : Toilet Exhaust Fans							
	Roof	60%			2027	\$11,800	2	\$200	
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Assumed To Be Abandoned							
		Explanation : Equipment Served Unoccupied Space. No Access To Check.							
Plumbing									
	H/C Water Piping								
	Brass/Copper	40%			2053	* *	1		
	Galvanized Steel	60%			2032	* *	1		
	Water Heater								
	Gas Fired	100%			2027	\$7,200	2	\$200	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
	HW Heat Exchanger								
	Steam Fired	60%			2053	* *	4	\$700	
	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	\$1,200	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1-2							
		Explanation : Fried Elevator Serve 1-2 Floor							
Fire Suppression									
	Sprinkler								
	No Component	60%							
	Generic	40%			2053	* *	1-2	\$1,300	
	Chemical System								
	Generic	100%			2026	\$2,100	1-3	\$3,700	

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL		FY 2019 - 2022	FY 2023 - 2028	
Exterior Architecture		\$61,400		
Interior Architecture		\$187,700		
Electrical				\$42,200
<b>Total</b>		<b>\$249,100</b>		<b>\$42,200</b>
Importance Code A		\$61,400		
Importance Code B		\$106,700		\$42,200
Importance Code C		\$81,100		
<b>Total</b>		<b>\$249,100</b>		<b>\$42,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$48,700			
Interior Architecture	\$9,600	\$7,000		
Electrical		\$100		\$200
Mechanical	\$1,500	\$1,400	\$3,000	\$4,700
<b>Total</b>	<b>\$59,800</b>	<b>\$8,500</b>	<b>\$3,000</b>	<b>\$4,800</b>
Importance Code A	\$49,700	\$1,000	\$1,000	\$1,100
Importance Code B	\$10,000	\$5,700	\$2,000	\$3,700
Importance Code C		\$1,800		
<b>Total</b>	<b>\$59,800</b>	<b>\$8,500</b>	<b>\$3,000</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 TENNIS HOUSE REC. BUILDING - 192**  
**Asset # : 2733**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%	0-2	\$4,800	LIFE	* *	5	\$3,900	
	Vertical Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Stairs To Basement								
	Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$6,100	
	Masonry: Brick	80%	Now	\$61,400	LIFE	* *	5	\$6,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Rusting Masonry Supt, Extent : Light, Area Affected : 5%								
	Location : North Facade								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : All Facades								
	Vertical Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Sizeable Cracks And Open Seams In Stucco - Main Facade								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Stucco Over Brick								
Windows									
	Wood	100%	Now	\$31,200	2052	* *	5	\$3,800	
	Air Infiltration, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Split/Cracked, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Protective Metal Grilles								
Parapets									
	Cast Stone/Terra Cotta	100%	Now	\$12,700	LIFE	* *	5	\$7,100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Coping Stones								
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Roof									
	Cast in Place Concrete	15%			LIFE	* *			
	Recent Repair Evident, Extent : Light, Area Affected : 10%								
	Location : Over Basement								
	Metal Panel	75%			2044	* *	10	\$9,000	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Plaza Roof: Stone Panels	10%			2037	* *			

## 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**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**  
**Asset # : 2733**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	50%	2-4	\$4,300	LIFE	**	5	\$16,600	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout Basement								
Mosaic Tile	20%			2040	**	5	\$7,600	
Slate	20%			LIFE	**	5	\$3,200	
Wood	10%			2055	**	5	\$2,900	
Interior Walls								
Cast in Place Concrete	25%	0-2	\$81,100	LIFE	**			
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Throughout Basement								
Ceramic Tile	15%			2030	**	5	\$3,500	
Plaster	55%			LIFE	**	5	\$3,900	
Wood	5%			LIFE	**	5	\$4,700	
Ceilings								
AcousTileSusp.Lay-In	5%			2044	**	5	\$800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Tennis Shop								
Exposed Concrete	50%	Now	\$106,700	LIFE	**	5	\$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement And Canopy Over Rear Deck								
Exposed Reinforcement, Extent : Moderate, Area Affected : 25%								
Location : Basement And Canopy Over Rear Deck								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Plaster	45%	0-2	\$4,900	LIFE	**	5	\$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Bathrooms								

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2037	* *	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : One 225 Amperes Main Disconnect Switch							
	Raceway								
	Conduit	100%			2037	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2035	* *	5		
	Molded Case Bkrs	95%			2035	* *	5	\$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**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**  
**Asset # : 2733**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Wiring								
	Thermoplastic	100%			2037	**	1		
	Motor Controllers								
	Locally Mounted	100%			2032	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	30%			2027	\$7,300	10	\$2,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : T-12 Lamps							
	Fluorescent	70%			2037	**	10	\$6,500	
	Exterior Lighting								
	HID	100%			2027	\$42,200	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2037	* *	5	\$3,100	
		Buried Tank(s), Extent : Light, Area Affected : 100%							
		Location : Yard							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Yard							
		Explanation : (1) 1,500 Gallon Tank							
Conversion Equipment									
	Steam Boiler	100%			2032	* *	1	\$10,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : (1) #2 Oil Burning Steam Boiler							
Distribution									
	Central Plant Steam	100%			2037	* *	4	\$500	
	Piping/Pmp								
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	\$14,600	2	\$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**  
**CENTRAL PARK TENNIS HOUSE REC. BUILDING - 192**  
**Asset # : 2733**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Brass/Copper	100%			2037	* *	1		
HW Heat Exchanger Steam Fired	100%			2037	* *	4	\$1,000	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Boiler Room						
		Explanation : Heat Exchanger On Boiler						
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	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Basement						
		Explanation : Backflow Preventor Serves Irrigation System						
Fixtures								
Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,040,000	\$1,131,100
Interior Architecture	\$349,100	\$131,200
Electrical	\$62,800	
<b>Total</b>	<b>\$1,451,900</b>	<b>\$1,262,300</b>
Importance Code A	\$1,040,000	\$1,131,100
Importance Code B	\$411,900	\$131,200
<b>Total</b>	<b>\$1,451,900</b>	<b>\$1,262,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior 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**

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	90%			LIFE		**	5	\$44,900	
Masonry: Granite	10%			LIFE		**	5	\$3,700	

## Roof

Sloped Glazing	100%	0-2	\$1,040,000	LIFE		**	5	\$1,086,200	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Various Locations Throughout</i>									

## Interior

## Floors

Paver: Asphalt	100%	0-2	\$349,100	2036		**	5	\$131,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									

## Ceilings

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

## Under 600 Volts

## Raceway

Conduit	100%			2027		\$34,200	1		
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## Wiring

Thermoplastic	100%			2027		\$30,300	1		
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## Lighting

## Exterior Lighting

Incandescent	100%			2022		\$62,800	2		
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$39,400
<b>Total</b>		<b>\$39,400</b>
Importance Code A		\$39,400
<b>Total</b>		<b>\$39,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$500		
Interior Architecture		\$200		
Electrical				\$33,500
Mechanical	\$300	\$700	\$500	\$400
<b>Total</b>	<b>\$300</b>	<b>\$1,400</b>	<b>\$600</b>	<b>\$33,900</b>
Importance Code A	\$200	\$500	\$200	
Importance Code B	\$100	\$900	\$400	\$33,900
Importance Code C				
<b>Total</b>	<b>\$300</b>	<b>\$1,400</b>	<b>\$600</b>	<b>\$33,900</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 ZOO - GRIZZLY BEAR BUILDING**

**Asset # : 1073**

Architecture		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: Special Gauge	12%			LIFE	**	1		
Masonry: Brick	70%			LIFE	**	5	\$3,400	
Masonry: Granite	8%			LIFE	**	5	\$300	
Masonry: Limestone	10%			LIFE	**	5	\$400	

Windows

Metal Louvers	100%			2030	**	10	\$500	
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Parapets

Cast in Place Concrete	80%			LIFE	**	5	\$5,800	
Masonry: Limestone	10%			LIFE	**	5	\$100	
Pre-Cast Concrete	10%			LIFE	**	5	\$400	

*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	\$6,000	

Interior

Floors

Cast in Place Concrete	25%			LIFE	**	5	\$1,800	
Ceramic Tile	10%			2030	**	5	\$300	
Slate	65%			LIFE	**	5	\$2,300	

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	\$800	
Plaster	55%			LIFE	**	5	\$1,100	

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

Under 600 Volts

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 Amperes Main Disconnect Switch*

Transformers

Dry Type	100%			2025	\$17,200	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.*

*Estimates are rounded to the nearest hundred dollars.*

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2027	\$34,200	1		
	Panelboards								
	Fused Disc Sw	10%			2026	\$1,600	5		
	Molded Case Bkrs	90%			2026	\$14,700	5	\$100	
	Wiring								
	Thermoplastic	100%			2027	\$30,300	1		
	Motor Controllers								
	Locally Mounted	100%			2025	\$16,500	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Lighting									
	Interior Lighting								
	Fluorescent	50%			2022	\$11,900	10	\$1,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Incandescent	50%			2022	\$11,900	2		
	Exterior Lighting								
	HID	100%			2022	\$8,700	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Utility Steam	100%			2047	* *	1		
	Conversion Equipment								
	Radiant Heater	100%			2027	\$39,400	2	\$1,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Various Areas							
		Explanation : Steam Unit Heaters							
	Distribution								
	Central Plant Steam	100%			2037	* *	4	\$100	
	Piping/Pmp								
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Reciprocating	100%			2032	* *	1	\$1,000	
	Compr/Chiller								
	Terminal Devices								
	Air Handler/Dir	100%			2032	* *	1		
	Expansion								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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 ZOO - GRIZZLY BEAR BUILDING**

**Asset # : 1073**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</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	\$2,000	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	\$100	
	Pool Filter/Treatment							
	Sand	100%		2040	* *	4	\$800	
	Backflow Preventer							
	Generic	100%		2032	* *	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$23,600	\$1,400		
Interior Architecture		\$1,200		\$800
Electrical			\$100	\$92,800
Mechanical	\$200	\$1,800	\$900	\$1,000
<b>Total</b>	<b>\$23,900</b>	<b>\$4,400</b>	<b>\$900</b>	<b>\$94,700</b>
Importance Code A	\$23,700	\$1,400	\$100	
Importance Code B	\$200	\$3,000	\$900	\$94,600
Importance Code C				
<b>Total</b>	<b>\$23,900</b>	<b>\$4,400</b>	<b>\$900</b>	<b>\$94,700</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 - PENGUIN BUILDING**  
**Asset # : 1074**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Glass: Special Gauge	5%			LIFE	**	1		
	Masonry: Brick	85%			LIFE	**	5	\$11,900	
		Vegetation Growth, Extent : Moderate, Area Affected : 40%							
		Location : East And South Facades							
	Masonry: Granite	5%			LIFE	**	5	\$500	
	Masonry: Limestone	5%			LIFE	**	5	\$500	
Windows									
	Metal Louvers	100%			2030	**	10	\$1,400	
Parapets									
	Concrete Masonry Unit	45%			LIFE	**	5	\$1,000	
	Masonry: Limestone	25%			LIFE	**	5	\$600	
	Pre-Cast Concrete	30%			LIFE	**	5	\$3,800	
Roof									
	Single Ply Membrane	50%	Now	\$23,600	2037	**			
		Blisters, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Ponding, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Skylight, Metal/Glass	3%			2037	**	10	\$1,300	
	Slate	47%			LIFE	**			
Interior									
Floors									
	Carpet	20%			2023	\$25,900	3	\$2,800	
	Cast in Place Concrete	70%			LIFE	**	5	\$14,300	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Through Mechanical And Lab Areas							
		Explanation : Epoxy Coating							
	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	\$2,800	
	Glass: Special Gauge	20%			LIFE	**	1		
	Gypsum Board	10%			LIFE	**	5	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exhibit Space							
		Explanation : Fiber Board Or Homasote Walls With Fabric Covering							
Ceilings									
	AcousTileSusp.Lay-In	10%			2032	**	5	\$900	
	Exposed Concrete	25%			LIFE	**	5	\$400	
	Exposed Struc: Steel	10%			LIFE	**			
	Plaster	55%			LIFE	**	5	\$3,200	

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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 ZOO - PENGUIN BUILDING**  
**Asset # : 1074**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2027	\$1,600	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 5000 Amperes And One 3000 Amperes Main Disconnect Switch Feeding All The Zoo Area									
Transformers									
	Dry Type	100%			2025	\$17,200	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : 1500 Kva 480/265hv-208lv And Three 75 Kva 480hv-208/120lv									
Switchgear / Switchboard									
	Fused Disc Sw	85%			2027	\$30,000	5		
	Fused Disc Sw	5%			2047	* *	5		
	Molded Case Bkrs	10%			2047	* *	5		
Raceway									
	Conduit	80%			2027	\$27,400	1		
	Conduit	20%			2047	* *	1		
Panelboards									
	Fused Disc Sw	5%			2026	\$800	5		
	Fused Disc Sw	5%			2043	* *	5		
	Molded Case Bkrs	70%			2026	\$11,400	5	\$100	
	Molded Case Bkrs	20%			2043	* *	5		
Wiring									
	Thermoplastic	80%			2027	\$24,200	1		
	Thermoplastic	20%			2047	* *	1		
Motor Controllers									
	Locally Mounted	80%			2025	\$13,200	5		
	Locally Mounted	20%			2040	* *	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
Interior Lighting									
	Fluorescent	45%			2022	\$30,600	10	\$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Fluorescent	5%			2035	* *	10	\$300	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Filter Room									
	Incandescent	50%			2022	\$34,000	2	\$100	
Egress Lighting									
	Emergency, Battery	50%			2022	\$4,600	10	\$800	
	Exit, Service	50%			2022	\$500	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - PENGUIN BUILDING**  
**Asset # : 1074**

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

## Lighting

## Exterior Lighting

HID	80%		2022	\$19,800	10	
Incandescent	20%		2032	* *	2	

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

## Heating

## Energy Source

Electricity	100%		2047	* *	1	
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## Conversion Equipment

Radiant Heater	10%		2027	\$11,300	2	\$300
No Component	90%					

## Air Conditioning

## Energy Source

Electricity	100%		2043	* *	1	
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## Conversion Equipment

Reciprocating	50%		2032	* *	1	\$1,400
Compr/Chiller						
Exterior Pkg Unit - Cooling	50%		2037	* *	2	\$200

## Distribution

CW & CHW Wtr	100%		2057	* *	4	\$300
Pipe/Pump						

## Heat Rejection

Dry Cooler	100%		2032	* *	2	\$4,300
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## Ventilation

## Distribution

Ductwork/Diffusers	100%		LIFE	* *	2-5	\$3,500
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## Exhaust Fans

Interior	50%		2032	* *	2	\$100
Roof	50%		2032	* *	2	\$100

## Plumbing

## H/C Water Piping

Galvanized Steel	100%		2040	* *	1	
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## Sanitary Piping

Cast Iron	100%		LIFE	* *	1	
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## Storm Drain Piping

Cast Iron	100%		LIFE	* *	1	
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## Pool Filter/Treatment

Sand	100%		2032	* *	4	\$2,300
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## Fixtures

Generic	100%					
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$36,800	
Electrical		\$79,800
Mechanical		\$37,900
<b>Total</b>	<b>\$36,800</b>	<b>\$117,700</b>
Importance Code A	\$36,800	
Importance Code B		\$117,700
<b>Total</b>	<b>\$36,800</b>	<b>\$117,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$52,100			
Interior Architecture	\$9,200	\$2,500		\$100
Electrical	\$1,900	\$300	\$300	\$29,800
Mechanical	\$2,200	\$600	\$900	\$600
<b>Total</b>	<b>\$65,500</b>	<b>\$3,400</b>	<b>\$1,100</b>	<b>\$30,400</b>
Importance Code A	\$52,300	\$200	\$100	\$200
Importance Code B	\$13,300	\$3,200	\$1,000	\$30,300
Importance Code C				
<b>Total</b>	<b>\$65,500</b>	<b>\$3,400</b>	<b>\$1,100</b>	<b>\$30,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

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	90%	Now	\$15,100	LIFE	* *	5	\$4,600	
		Horizontal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Above Garage Doors							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : Above Garage Doors							
	Wood Overhead Doors	10%	0-2	\$3,500	2032	* *	5	\$1,300	
		Split/Cracked, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Windows									
	Aluminum	35%			2035	* *	5		
	Steel	65%	Now	\$4,100	2052	* *	5	\$500	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Parapets									
	Masonry: Brick	20%			LIFE	* *	5	\$400	
	Pre-Cast Concrete	25%	4+	\$1,700	LIFE	* *	5	\$2,800	
		Vegetation Growth, Extent : Moderate, Area Affected : 35%							
		Location : Coping Stones							
	No Component	55%							

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

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									
	Built-Up (BUR)	10%	Now	\$6,600	2037		**		
				Blisters, Extent : Moderate, Area Affected : 25%					
				Location : Over Office					
				Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%					
				Location : Over Office					
				Water Penetration, Extent : Moderate, Area Affected : 15%					
				Location : Over Restroom					
				Worn/Eroded, Extent : Moderate, Area Affected : 30%					
				Location : Over Office					
	Modified Bitumen	25%	Now	\$21,100	2037		**		
				Blisters, Extent : Moderate, Area Affected : 25%					
				Location : Over Receiving					
				Ponding, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Seams Open/Split, Extent : Moderate, Area Affected : 35%					
				Location : Over Receiving					
				Worn/Eroded, Extent : Moderate, Area Affected : 25%					
				Location : Over Receiving					
	Slate	50%	Now	\$36,800	LIFE		**		
				Broken/Missing Elements, Extent : Moderate, Area Affected : 35%					
				Location : Throughout					
				Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%					
				Location : Facade Facing Parking Lot					
				Worn/Eroded, Extent : Moderate, Area Affected : 35%					
				Location : Throughout					
	Sloped Glazing	15%			LIFE		**	5	\$26,500
Interior									
Floors									
	Cast in Place Concrete	25%			LIFE		**	5	\$3,600
	Ceramic Tile	30%			2030		**	5	\$2,000
	Quarry Tile	30%			2040		**	5	\$2,900
	Vinyl Tile	15%	4+	\$900	2027	\$9,100		3	\$400
				Loose Units, Extent : Moderate, Area Affected : 10%					
				Location : Offices					
				Worn/Eroded, Extent : Moderate, Area Affected : 10%					
				Location : Mechanical Areas					
Interior Walls									
	Ceramic Tile	5%			2036		**	5	
	Concrete Masonry Unit	25%			LIFE		**	5	\$100
	Masonry: Brick	60%			LIFE		**		
	Plaster	10%			LIFE		**	5	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	AcousTileConcealSpLn	10%	4+	\$8,300	2047	* *	5	\$600	
				Misaligned/Bulging, Extent : Moderate, Area Affected : 50%					
				Location : Kitchen And Animals Storage Area					
	Exposed Struc: Steel	10%			LIFE	* *			
	Exposed Struc: Wood	10%			LIFE	* *			
	Plaster	70%			LIFE	* *	5	\$4,100	
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	50%			2027	\$800	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room - Shop					
				Explanation : Two 400 Amperes Main Disconnectswitch For Shop And Receiving Area					
	Molded Case Bkrs	50%			2027	\$800	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room - Hospital					
				Explanation : Two 225 Amperes Main Disconnect Switch For Hospital					
	Transformers								
	Dry Type	100%			2025	\$17,200	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room - Shop					
				Explanation : One 25 Kva & One 37.5 Kva 480hv - 208/120lv					
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$26,700	5	\$100	
	Raceway								
	Conduit	100%			2027	\$4,100	1		
	Panelboards								
	Fused Disc Sw	10%			2026	\$800	5		
	Molded Case Bkrs	90%			2026	\$7,300	5	\$100	
	Wiring								
	Thermoplastic	100%			2027	\$8,900	1		
	Motor Controllers								
	Locally Mounted	100%			2025	\$7,800	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2025	\$9,700	1	\$1,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - RECEIVING AREA/HOSP**  
**Asset # : 1090**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Generators								
	Diesel	100%			2023	\$79,800	1	\$1,200	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Outside					
				Explanation : Two-100 Kw Feed Emergency Service To Tropical And Penguin Building					
	Batteries								
	Lead/Acid	100%			2019	\$1,600	5	\$100	
	Fuel Storage								
	Main Tank	100%			2030	* *	5	\$100	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Outside					
				Explanation : Two 80 Gallons					
Lighting									
	Interior Lighting								
	Fluorescent	100%			2022	\$10,400	10	\$4,000	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : T-12 Lamps					
	Egress Lighting								
	Emergency, Service	70%			2022	\$1,600	1		
	Exit, Service	30%			2022	\$400	1		
	Exterior Lighting								
	HID	100%			2022	\$13,000	10		
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Plant Campus Steam / PRV	100%			2047	* *	1		
	Conversion Equipment								
	Heat Exchanger, Plate & Frame	60%			2030	* *	1	\$1,300	
	Pres. Reducing Valve/LP Steam	40%			2030	* *	5	\$100	
	Distribution								
	Hot Wtr Piping/Pump	60%	Now	\$200	2035	* *	4	\$100	
				Leak Evident, Extent : Severe, Area Affected : 10%					
				Location : Throughout					
	Central Plant Steam Piping/Pmp	40%	Now	\$1,500	2037	* *	4	\$100	
				Leak Evident, Extent : Severe, Area Affected : 10%					
				Location : Throughout					

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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**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2027	\$25,100	1	\$1,100	
Convactor/Radiator	20%			2032	* *	1	\$300	
Fan Coil Unit/Heat	40%			2027	\$26,800	1	\$600	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2027	\$37,900	1	\$2,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,400	
Exhaust Fans								
Roof	100%			2032	* *	2	\$100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2032	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$92,500	
<b>Total</b>	<b>\$92,500</b>	
Importance Code B	\$92,500	
<b>Total</b>	<b>\$92,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$3,300			
Interior Architecture				
Mechanical		\$700		
<b>Total</b>	<b>\$3,300</b>	<b>\$700</b>		
Importance Code A	\$3,300			
Importance Code B		\$700		
<b>Total</b>	<b>\$3,300</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 - SEA LION**  
**Asset # : 1088**

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

## Exterior

## Exterior Walls

Glass: 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	\$92,500	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*

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

## Plumbing

## H/C Water Piping

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.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,700	\$1,200		\$1,200
Interior Architecture	\$3,100	\$400	\$200	\$200
Electrical	\$100	\$100	\$200	\$32,300
Mechanical	\$900	\$700	\$600	\$1,000
<b>Total</b>	<b>\$17,800</b>	<b>\$2,500</b>	<b>\$1,000</b>	<b>\$34,600</b>
Importance Code A	\$13,700	\$1,300		\$1,300
Importance Code B	\$4,200	\$1,200	\$900	\$33,300
Importance Code C				
<b>Total</b>	<b>\$17,800</b>	<b>\$2,500</b>	<b>\$1,000</b>	<b>\$34,600</b>



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

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ZOO - STAFF FACILITY AND CAFE.**

**Asset # : 1089**

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	50%	2-4	\$4,000	LIFE	**	5	\$1,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : All Facades									
	Masonry: Limestone	5%			LIFE	**	5	\$100	
	Window Wall	25%			2037	**	5	\$2,300	
	Wood	15%			2040	**	5	\$1,800	
	Wood Overhead Doors	5%			2044	**	5	\$600	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : East Facade									
Windows									
	Aluminum	80%			2035	**	5	\$200	
	Metal Louvers	5%			2036	**	10	\$100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Attic Vents									
Explanation : Actually Wood Louvers									
	Steel	15%			2035	**	5	\$400	
Roof									
	Slate	100%	Now	\$9,300	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 35%									
Location : West Facade									
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%									
Location : Various Locations									
Interior									
Floors									
	Cast in Place Concrete	20%			LIFE	**	5	\$900	
	Ceramic Tile	15%			2036	**	5	\$300	
	Quarry Tile	25%			2040	**	5	\$800	
	Vinyl Tile	40%	0-2	\$3,100	2027	\$7,800	3	\$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Locker Rooms, Maintenance Shop, Offices									
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%									
Location : Cafeteria									
Worn/Eroded, Extent : Moderate, Area Affected : 20%									
Location : Locker Rooms, Maintenance Shop, Offices									
Interior Walls									
	Ceramic Tile	5%			2036	**	5		
	Glass: Single Pane	3%			LIFE	**	5		
	Gypsum Board	15%			LIFE	**	5	\$100	
	Masonry: Brick	27%			LIFE	**			
	Plaster	40%			LIFE	**	5	\$100	
	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**

Architecture		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

AcousTileConcealSpLn	5%			2032	**	5	\$100	
Exposed Struc: Wood	35%			LIFE	**			
Plaster	60%			LIFE	**	5	\$800	

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%			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	\$34,200	1		
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Panelboards

Fused Disc Sw	10%			2026	\$1,600	5		
Molded Case Bkrs	90%			2026	\$14,700	5	\$100	

Wiring

Thermoplastic	100%			2027	\$30,300	1		
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Motor Controllers

Locally Mounted	100%			2025	\$16,500	5		
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$100	
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Lighting

Interior Lighting

Fluorescent	35%			2022	\$5,400	10	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								
<i>Explanation : T-12 Lamps</i>								

Fluorescent	65%			2032	**	10	\$800	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Egress Lighting

Emergency, Battery	50%			2032	**	10	\$200	
Exit, LED	20%			2055	**	1		
Exit, Service	30%			2022	\$100	1		

Exterior Lighting

HID	100%			2022	\$25,100	10		
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Alarm

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**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Utility Steam	100%			2047	**	1		
	Conversion Equipment								
	Heat Exchanger, Plate & Frame	50%			2030	**	1	\$400	
	Pres. Reducing Valve/LP Steam	50%			2030	**	5		
	Distribution								
	Hot Wtr Piping/Pump	80%			2035	**	4	\$100	
	Central Plant Steam Piping/Pmp	20%			2037	**	4		
	Terminal Devices								
	Air Handler	60%			2027	\$12,100	1	\$500	
	Convactor/Radiator	40%			2032	**	1	\$200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	60%			2037	**	1	\$400	
	Exterior Pkg Unit - Cooling	40%			2032	**	2		
	Distribution								
	CW & CHW Wtr Pipe/Pump	50%			2047	**	4	\$100	
	No Component	50%							
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2035	**	1	\$900	
	Heat Rejection								
	Air Cooled Condenser Unit	50%			2032	**	2	\$500	
	Dry Cooler	50%			2032	**	2	\$500	
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		
	HW Heat Exchanger								
	Steam Fired	100%			2047	**	4	\$200	
	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.*

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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 - STAFF FACILITY AND CAFE.**

**Asset # : 1089**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing	Fixtures							
	Generic	100%						
Fire Suppression	Chemical System							
	Generic	100%		2025	\$2,100	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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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture		\$36,600
Interior Architecture	\$92,100	\$64,300
Electrical	\$137,900	\$35,200
Mechanical		\$122,900
<b>Total</b>	<b>\$230,100</b>	<b>\$259,100</b>
Importance Code A		\$36,600
Importance Code B	\$230,100	\$158,100
Importance Code C		\$64,300
<b>Total</b>	<b>\$230,100</b>	<b>\$259,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture		\$900		\$600
Interior Architecture	\$29,300	\$400		\$1,500
Electrical	\$400	\$600	\$600	\$41,900
Mechanical	\$1,500	\$1,300	\$2,500	\$1,100
<b>Total</b>	<b>\$31,200</b>	<b>\$3,200</b>	<b>\$3,100</b>	<b>\$45,200</b>
Importance Code A	\$500	\$1,400	\$500	\$1,300
Importance Code B	\$30,600	\$1,800	\$2,600	\$43,900
Importance Code C				
<b>Total</b>	<b>\$31,200</b>	<b>\$3,200</b>	<b>\$3,100</b>	<b>\$45,200</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 ZOO - TROPICAL BUILDING**  
**Asset # : 1072**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Glass: Special Gauge	5%			LIFE	**	1			
Masonry: Brick	85%			LIFE	**	5	\$7,000		
Masonry: Granite	5%			LIFE	**	5	\$300		
Masonry: Limestone	5%			LIFE	**	5	\$300		
Windows									
Aluminum	90%			2035	**	5	\$700		
Metal Louvers	10%			2030	**	10	\$500		
Roof									
Metal Panel	5%			2032	**	10	\$600		
Slate	45%			LIFE	**				
Sloped Glazing	40%			LIFE	**	5	\$36,600		
Not Accessible	10%								
Interior									
Floors									
Cast in Place Concrete	15%			LIFE	**	5	\$5,300		
Ceramic Tile	5%			2030	**	5	\$800		
Wood	80%	2-4	\$92,100	2042	**	5	\$12,000		
Uneven Surface, Extent : Moderate, Area Affected : 15%									
Location : Cupping/ Warping - 1st Floor Decking									
Interior Walls									
Concrete Masonry Unit	25%			LIFE	**	5	\$2,500		
Glass: Special Gauge	10%			LIFE	**	1			
Wood	65%			LIFE	**	5	\$64,300		
Ceilings									
AcousTileConcealSpLn	15%			2032	**	5	\$3,000		
Exposed Struc: Steel	15%	0-2	\$27,600	LIFE	**				
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%									
Location : Beam Connections At Column, West Mezzanine									
Exposed Struc: Wood	40%			LIFE	**				
Metal Panel	15%			LIFE	**	5	\$3,000		
Plaster	15%	4+	\$1,700	LIFE	**	5	\$1,500		
Staining/Discoloring, Extent : Moderate, Area Affected : 15%									
Location : Banding At Base Of Dome									

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%			2027	\$1,600	5	\$300		
Transformers									
Dry Type	100%			2025	\$26,100	5			
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Two 50 Kva 480hv-208/120lv									

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$35,200	5	\$300	
	Raceway								
	Conduit	100%			2027	\$34,200	1		
	Panelboards								
	Fused Disc Sw	10%			2026	\$1,600	5		
	Molded Case Bkrs	90%			2026	\$14,700	5	\$300	
	Wiring								
	Thermoplastic	100%			2027	\$30,300	1		
	Motor Controllers								
	Locally Mounted	100%			2025	\$33,000	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	40%			2022	\$46,700	10	\$3,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : T-12 Lamps							
	Fluorescent	40%			2022	\$46,700	10	\$3,900	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Incandescent	20%			2022	\$23,400	2		
	Egress Lighting								
	Emergency, Battery	50%			2022	\$7,900	10	\$1,300	
	Exit, Service	50%			2022	\$800	1		
	Exterior Lighting								
	HID	100%			2022	\$44,500	10		
Alarm									
	Fire/Smoke Detection								
	No Component	30%							
	Generic, Digital	70%			2035	* *	1-3	\$4,700	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Utility Steam	100%			2037	* *	1		
	Conversion Equipment								
	Heat Exchanger, Plate & Frame	100%			2030	* *	1	\$5,300	
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	* *	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**  
**CENTRAL PARK ZOO - TROPICAL BUILDING**  
**Asset # : 1072**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	80%			2027	\$122,900	1	\$5,300	
	Convactor/Radiator	20%			2032	* *	1	\$700	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,000	
	Exhaust Fans								
	Interior	100%			2027	\$15,400	2	\$300	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2032	* *	1		
	HW Heat Exchanger								
	Steam Fired	100%			2037	* *	4	\$1,100	
	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%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-2								
	Explanation : Fried Elevator								

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical		\$60,500
<b>Total</b>		<b>\$60,500</b>
Importance Code B		\$60,500
<b>Total</b>		<b>\$60,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,900	\$3,500		
Interior Architecture	\$6,500	\$200		\$600
Electrical	\$100	\$200	\$100	\$1,200
Mechanical	\$500	\$200	\$600	\$500
<b>Total</b>	<b>\$19,000</b>	<b>\$4,000</b>	<b>\$700</b>	<b>\$2,300</b>
Importance Code A	\$12,000	\$3,500	\$100	\$100
Importance Code B	\$6,700	\$500	\$600	\$2,200
Importance Code C	\$300			
<b>Total</b>	<b>\$19,000</b>	<b>\$4,000</b>	<b>\$700</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**  
**CENTRAL PARK - SWEDISH COTTAGE MARIONETTE THEATER**  
**Asset # : 13426**

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								
	Wood	100%	Now	\$2,700	2032	**	5	\$4,600	
		Water Penetration, Extent : Severe, Area Affected : 5%							
		Location : At Staff Entry Door							
	Windows								
	Wood	50%			2035	**	5	\$6,900	
	Wood	50%			2049	**	5	\$6,900	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Second Floor Offices							
Roof									
	Wood Shingles	100%	Now	\$5,800	2030	**			
		Other Observation, Extent : Moderate, Area Affected : 35%							
		Location : Throughout Shaded Areas							
		Explanation : Green Staining							
Interior									
	Floors								
	Carpet	50%			2028	\$16,500	3	\$2,400	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Second Floor Offices							
	Ceramic Tile	5%			2030	**	5	\$100	
	Vinyl Tile	35%			2032	**	3	\$300	
	Vinyl Tile	10%	Now	\$2,200	2037	**	3	\$100	
		Worn/Eroded, Extent : Moderate, Area Affected : 75%							
		Location : Backstage Area							
Interior Walls									
	Gypsum Board	60%	Now	\$300	LIFE	**	5	\$800	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Stairwell To Second Floor							
	Masonry: Brick	5%			LIFE	**			
	Wood	35%			LIFE	**	5	\$3,100	
Ceilings									
	AcousTileSusp.Lay-In	25%	Now	\$1,200	2032	**	5	\$200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Second Floor Offices							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Second Floor Offices							
		Staining/Discoloring, Extent : Severe, Area Affected : 10%							
		Location : Second Floor Offices							
	Exposed Struc: Wood	70%	Now	\$2,200	LIFE	**			
		Loose/Miss Fasteners, Extent : Moderate, Area Affected : 5%							
		Location : Stage Left							
	Gypsum Board	5%	Now		LIFE	**	5	\$100	
		Water Penetration, Extent : Moderate, Area Affected : 2%							
		Location : Stairwell To Second 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.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 400 Amperes Main Disconnect Switch							
	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		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5		
Lighting									
	Interior Lighting								
	Fluorescent	20%			2032	**	10	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
		Explanation : T-12 Lamps							
	Fluorescent	40%			2032	**	10	\$600	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Theater Area							
	HID	30%			2032	**	10		
	Incandescent	10%			2032	**	2		
	Egress Lighting								
	Emergency, Battery	50%			2032	**	10	\$200	
	Exit, Service	50%			2032	**	1		
	Exterior Lighting								
	HID	100%			2032	**	10		
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2032	**	1	\$300	
	Fire/Smoke Detection								
	No Component	30%							
	Generic, Digital	70%			2032	**	1-3	\$1,200	

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

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

Estimates are rounded to the nearest hundred dollars.

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2037	**	5	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Buried In Yard							
		Explanation : 1 Oil Tank, Size Unknown At Time Of Survey							
	Conversion Equipment								
	Hot Water Boiler	100%			2032	**	1	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Unit							
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	**	4	\$100	
	Terminal Devices								
	Air Handler	50%			2032	**	1	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Second Floor							
		Explanation : Spilt Units With Reheat Coils For Heating							
	Convactor/Radiator	50%			2040	**	1	\$300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	100%			2028	\$60,500	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Second Floor							
		Explanation : Split Units With Reheat Coil For Heating							
	Heat Rejection								
	Dry Cooler	100%			2027	\$8,800	2	\$1,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Remote Air Condensers With Compressors Located In Pit Adjacent To Building							
		Explanation : Multiple Split Systems							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$900	
	Exhaust Fans								
	Interior	100%			2032	**	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2047	**	1		
	Water Heater								
	Electric	100%			2025	\$1,400	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.*

**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>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>Priority</b>
Fire Suppression	Sprinkler							
	Generic	100%		2053	* *	1-2	\$500	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$31,300			
Interior Architecture	\$7,200	\$700		\$200
Electrical	\$3,800			\$8,500
Mechanical	\$100	\$100	\$200	\$100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$46,400</b>	<b>\$4,800</b>	<b>\$4,100</b>	<b>\$12,700</b>
Importance Code A	\$31,400	\$100	\$100	\$100
Importance Code B	\$8,800	\$4,500	\$4,100	\$12,700
Importance Code C	\$6,200	\$200		
<b>Total</b>	<b>\$46,400</b>	<b>\$4,800</b>	<b>\$4,100</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**  
**CENTRAL PARK / CONSERVATORY GARDEN NORTH BLDG - MEN'S ROOM**  
**Asset # : 807**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%	0-2	\$10,000	LIFE	**	5	\$3,000	
Efflorescence, Extent : Moderate, Area Affected : 20%									
Location : All Facades									
Vegetation Growth, Extent : Moderate, Area Affected : 25%									
Location : All Facades									
Other Observation, Extent : Light, Area Affected : 100%									
Location : North Pavilion									
Explanation : Men's Restroom And Equipment Storage									
	Masonry: Granite	5%			LIFE	**	5	\$100	
Windows									
	Steel	100%	Now	\$800	2035	**	5	\$700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%									
Location : Restroom Windows									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Protective Metal Grilles									
Parapets									
	Masonry: Limestone	25%			LIFE	**	5	\$400	
	Metal Rail	75%	4+	\$1,700	2032	**	5	\$6,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Roof									
	Plaza Roof: Stone Panels	100%	0-2	\$18,800	2037	**			
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Explanation : Mortar / Joint Erosion									
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	\$1,700	LIFE	**			
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout Basement Below Mens Bathroom									
	Masonry: Fieldstone	15%	Now	\$4,500	LIFE	**			
Other Observation, Extent : Severe, Area Affected : 15%									
Location : At Electrical Box In Basement									
Explanation : Water Penetration									

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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**

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

## Interior

## Ceilings

Exposed Concrete      25%    0-2      \$1,000    LIFE      \* \*    5      \$100

*Water Penetration, Extent : Light, Area Affected : 10%*

*Location : Throughout Basement Below Mens Bathroom*

Plaster      75%      LIFE      \* \*    5      \$1,000

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      100%      2037      \* \*    5

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

*Location : Electrical Room*

*Explanation : One 200 Amperes And 100 Amperes Main Disconnect Switch*

## Raceway

Conduit      50%      2027      \$2,000    1

Conduit      50%      2037      \* \*    1

## Panelboards

Fused Toggle Switch      25%    2-4      \$2,000    2052      \* \*    5

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

*Location : Throughout*

Molded Case Bkrs      75%      2035      \* \*    5

## Wiring

Braided Cloth      20%    2-4      \$1,800    2052      \* \*    1

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

*Location : Throughout The Building*

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

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

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

Fluorescent      50%      2027      \$1,800    10      \$700

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

*Location : Throughout*

*Explanation : Cfl*

## 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**

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

## Lighting

## Exterior Lighting

HID

100%

2022

\$6,100

10

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

## Heating

## Energy Source

Natural Gas

100%

2037

\* \*

1

## Conversion Equipment

Furnace

100%

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

\$1,300

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 First Floor**Explanation : Defective Controller*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

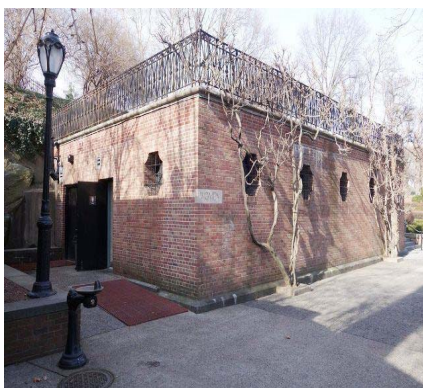
**Asset Name** : CENTRAL PARK / CONSERVATORY GARDEN, SOUTH BLDG - LADY'S ROOM  
**Address** : 5TH AVE. TO CENTRAL PARK WEST E. 105TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0018.092 / 14814 **Yr Built/Renovated** : 1890 /  
**Area Sq Ft** : 1,475 **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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,300			
Interior Architecture	\$4,500	\$500		\$200
Electrical	\$1,800			
Mechanical	\$100	\$100	\$200	\$100
<b>Total</b>	<b>\$30,600</b>	<b>\$600</b>	<b>\$300</b>	<b>\$300</b>
Importance Code A	\$24,300	\$100	\$100	\$100
Importance Code B	\$1,800	\$400	\$200	\$200
Importance Code C	\$4,500	\$200		
<b>Total</b>	<b>\$30,600</b>	<b>\$600</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.

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK / CONSERVATORY GARDEN, SOUTH BLDG - LADY'S ROOM**  
**Asset # : 14814**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%	0-2	\$5,000	LIFE	**	5	\$3,000	
Efflorescence, Extent : Moderate, Area Affected : 20%									
Location : All Facades									
Vegetation Growth, Extent : Moderate, Area Affected : 25%									
Location : All Facades									
Other Observation, Extent : Light, Area Affected : 100%									
Location : South Pavilion									
Explanation : Womens Restroom And Facilities Office									
	Masonry: Granite	5%			LIFE	**	5	\$100	
Windows									
	Steel	100%	Now	\$800	2035	**	5	\$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Restroom Windows									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Protective Metal Grilles									
Parapets									
	Masonry: Limestone	25%			LIFE	**	5	\$400	
	Metal Rail	75%	4+	\$3,400	2032	**	5	\$6,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Observation Deck Railing									
Roof									
	Plaza Roof: Stone Panels	100%	0-2	\$15,100	2037	**			
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Observation Deck									
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : Observation Deck									
Explanation : Mortar / Joint Erosion									
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	\$4,500	LIFE	**			
Other Observation, Extent : Severe, Area Affected : 15%									
Location : Stairs To Basement									
Explanation : Water Penetration									
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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2037	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 200 Amperes Main Disconnect Switch									
	Raceway								
	Conduit	100%			2027	\$4,100	1		
Panelboards									
	Fused Disc Sw	5%			2026	\$400	5		
	Molded Case Bkrs	95%			2026	\$7,700	5		
Wiring									
	Braided Cloth	20%	2-4	\$1,800	2052	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	80%			2037	**	1		
Motor Controllers									
	Locally Mounted	100%			2032	**	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5		
Lighting									
	Interior Lighting								
	Fluorescent	70%			2027	\$2,500	10	\$900	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Fluorescent	30%			2027	\$1,100	10	\$400	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Exterior Lighting									
	HID	100%			2027	\$6,100	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2037	**	1		
Conversion Equipment									
	Furnace	100%			2032	**	1	\$700	
Terminal Devices									
	Fan Coil Unit/Heat	10%			2032	**	1	\$100	
	No Component	90%							
Ventilation									
	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.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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>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>Priority</b>
Ventilation								
	Exhaust Fans							
	Interior	100%		2032	* *	2		
Plumbing								
	H/C Water Piping							
	Galvanized Steel	100%		2040	* *	1		
	Water Heater							
	Electric	100%		2025	\$1,300	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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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

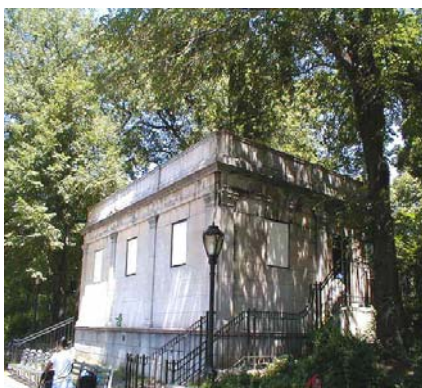
**Asset Name** : CENTRAL PARK/ ANCIENT PLAYGROUND COMFORT STATION - 146  
**Address** : 5TH AVE. TO CENTRAL PARK WEST 85TH ST. AND 5TH AVE.  
**Borough** : MANHATTAN **Agency's Number** : M010-146  
**Program / Asset #** : PAR0018.100 / 787 **Yr Built/Renovated** : 1932 / 2009  
**Area Sq Ft** : 1,764 **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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$200		
Interior Architecture			\$3,000	
Electrical				\$1,600
Mechanical	\$200	\$200	\$200	\$200
<b>Total</b>	<b>\$200</b>	<b>\$300</b>	<b>\$3,300</b>	<b>\$1,800</b>
Importance Code A	\$100	\$300	\$100	\$100
Importance Code B	\$100	\$100	\$800	\$1,700
Importance Code C			\$2,400	
<b>Total</b>	<b>\$200</b>	<b>\$300</b>	<b>\$3,300</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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*\*\* 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**

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: Granite	20%			LIFE	**	5	\$900	
	Pre-Cast Concrete	80%			LIFE	**	5	\$15,900	
	Windows								
	Aluminum	95%			2043	**	5	\$500	
	Metal Louvers	5%			2030	**	10	\$200	
	Parapets								
	Pre-Cast Concrete	100%			LIFE	**	5	\$7,900	
	Roof								
	Not Accessible	100%							
Interior									
	Floors								
	Cast in Place Concrete	10%			LIFE	**	5	\$300	
	Ceramic Tile	90%			2036	**	5	\$1,300	
	Interior Walls								
	Ceramic Tile	80%			2036	**	5	\$4,800	
	Gypsum Board	10%			LIFE	**	5	\$400	
	Masonry: Brick	10%			LIFE	**			
	Ceilings								
	Exposed Concrete	10%			LIFE	**	5		
	Gypsum Board	90%			LIFE	**	5	\$1,600	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2047	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 225a Main Disconnect Switch							
	Raceway								
	Conduit	100%			2047	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2043	* *	5		
	Wiring								
	Thermoplastic	100%			2047	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2040	* *	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Lighting									

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**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK/ ANCIENT PLAYGROUND COMFORT STATION - 146**  
**Asset # : 787**

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

**Lighting**

Interior Lighting  
Fluorescent

100%  
2032 \* \* 10 \$1,600  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : T-8 And Cfl Lamps*

Exterior Lighting  
HID

100% 2032 \* \* 10

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

**Heating**

Energy Source  
Natural Gas

100% 2053 \* \* 1

Conversion Equipment  
Hot Water Boiler

100% 2044 \* \* 1 \$900  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Utility Room Adjacent To Mens Room*  
*Explanation : One Gas Fired Hot Water Boiler*

**Distribution**

Hot Wtr Piping/Pump

100% 2049 \* \* 4 \$100

**Terminal Devices**

Convactor/Radiator

100% 2044 \* \* 1 \$600

**Ventilation**

Exhaust Fans  
Roof

100% 2035 \* \* 2 \$100

**Plumbing**

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%  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Throughout*  
*Explanation : New Fixtures*

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$74,900	\$282,900
Interior Architecture	\$253,700	
Electrical		\$59,600
Mechanical	\$46,800	\$1,709,800
<b>Total</b>	<b>\$375,300</b>	<b>\$2,052,300</b>
Importance Code A	\$74,900	\$381,500
Importance Code B	\$232,700	\$1,670,800
Importance Code C	\$67,700	
<b>Total</b>	<b>\$375,300</b>	<b>\$2,052,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$62,600		\$7,200	
Interior Architecture	\$173,100		\$10,600	\$8,900
Electrical	\$15,700	\$9,400	\$11,400	\$10,900
Mechanical	\$40,200	\$24,500	\$27,400	\$24,500
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$303,400</b>	<b>\$45,700</b>	<b>\$68,300</b>	<b>\$56,000</b>
Importance Code A	\$65,900	\$3,400	\$10,600	\$3,400
Importance Code B	\$188,200	\$42,300	\$57,700	\$50,200
Importance Code C	\$49,300			\$2,500
<b>Total</b>	<b>\$303,400</b>	<b>\$45,700</b>	<b>\$68,300</b>	<b>\$56,000</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**  
**Asset # : 13442**

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 Cavity	85%			LIFE	**	5	\$149,700	
		Patching Evident, Extent : Moderate, Area Affected : 15%							
		Location : Street Facade							
	Window Wall	15%			2048	**	5	\$49,500	
Windows									
	Aluminum	92%	4+	\$6,800	2044	**	5	\$1,600	
		Hardware Missing, Extent : Moderate, Area Affected : 15%							
		Location : 1st Floor Offices							
	Metal Louvers	3%			2037	**	10	\$700	
	Metal Louvers	5%			2037	**	10	\$1,100	
Parapets									
	Masonry: Brick Cavity	70%	4+	\$10,300	LIFE	**	5	\$4,500	
		Efflorescence, Extent : Light, Area Affected : 20%							
		Location : Various Locations - Interior And Exterior Parapet Walls							
	Metal Panel	5%			2048	**	5	\$1,200	
	Metal: Cage/Fence	25%			2041	**	5-10	\$12,300	
Roof									
	Modified Bitumen	85%	0-2	\$20,800	2028	\$208,100			
		Blisters, Extent : Light, Area Affected : 10%							
		Location : Various Locations Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 40%							
		Location : 6th, 5th And 3rd Floor Roofs							
	Skylight, Metal/Glass	10%	Now	\$12,400	2048	**			
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Above Pool							
	Sloped Glazing	5%	Now	\$12,300	LIFE	**	5	\$28,100	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Gymnasium - North Wall							
Interior									
Floors									
	Cast in Place Concrete	5%			LIFE	**	5	\$22,400	
	Ceramic Tile	10%			2037	**	5	\$10,200	
	Ceramic Tile	5%	Now	\$99,000	2043	**	5	\$2,600	
		Misaligned/Bulging, Extent : Moderate, Area Affected : 50%							
		Location : Locker Rooms Throughout							
	Sheet Vinyl/Rubber	10%			2033	**	5	\$15,400	
	Terrazzo	10%			LIFE	**	5	\$16,000	
	Vinyl Tile	45%			2033	**	3	\$17,300	
	Vinyl Tile	10%	Now	\$86,900	2038	**	3	\$3,800	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : 1st Floor Offices							
	Wood	5%			2056	**	5	\$9,600	

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Cast in Place Concrete	15%			LIFE	**	10	\$18,400	
	Ceramic Tile	5%	Now	\$67,700	2043	**	5	\$1,200	
	Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
	Location : Locker Rooms Throughout								
	Ceramic Tile	10%			2037	**	5	\$4,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : In Pool Area								
	Explanation : Decorative Murals								
	Concrete Masonry Unit	5%			LIFE	**	5	\$2,000	
	Glass: Single Pane	5%			LIFE	**	5	\$3,700	
	Gypsum Board	45%			LIFE	**	5-10	\$37,600	
	SGFT/Glazed Masonry	15%			LIFE	**	10	\$3,700	
Ceilings									
	AcousTileSusp.Lay-In	45%	4+	\$18,600	2041	**	5	\$23,000	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
	Location : 6th Floor								
	Exposed Struc: Steel	10%			LIFE	**	10	\$20,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement And Mechanical Rooms								
	Explanation : Component Partially Metal Decking								
	Gypsum Board	10%			LIFE	**	5-10	\$35,200	
	Metal Panel	25%			LIFE	**	5	\$64,000	
	Plaster	10%			LIFE	**	5-10	\$17,600	
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%			2041	**			

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2048	**	5	\$300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : Main Service Disconnect Switch Rated @ 3000 Amperes.								
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2048	**	5	\$300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : 3- Vertical Sections								
	Raceway								
	Conduit	100%			2048	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2044	**	5	\$200	
Molded Case Bkrs	90%			2044	**	5	\$1,600	
Wiring								
Thermoplastic	100%			2048	**	1		
Motor Controllers								
Locally Mounted	100%			2041	**	5	\$500	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	**	1	\$21,000	
Generators								
Diesel	100%			2037	**	1	\$26,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated @ 175kw								
Batteries								
Lead/Acid	100%			2022	\$1,500	5	\$2,500	
Fuel Storage								
Day Tank	50%			2044	**	5	\$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2056	**	5	\$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	80%			2033	**	10	\$50,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	15%			2033	**	10	\$9,400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways, Lobby								
LED	5%			2033	**			
Egress Lighting								
Emergency, Service	50%			2033	**	1		
Exit, Service	50%			2033	**	1		
Exterior Lighting								
HID	10%			2033	**	10		
No Component	90%							

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**  
**Asset # : 13442**

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

**Alarm**

## Security System

No Component

70%

Generic

30%

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*

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

**Heating**

## Energy Source

Natural Gas

100%

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

\$98,600

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

\$629,500

1

\$29,600

Convactor/Radiator

25%

2033

\* \*

1

\$5,500

Fan Coil Unit/Heat

5%

2028

\$47,900

1

\$1,100

**Air Conditioning**

## Energy Source

Electricity

100%

2044

\* \*

1

## Conversion Equipment

Reciprocating

95%

2028

\$515,700

1

\$30,100

Compr/Chiller

*R-22 Refrigerant, Extent : Light, Area Affected : 95%**Location : 2 Units On Roof*

Split Unit

5%

2028

\$68,300

*R-22 Refrigerant, Extent : Light, Area Affected : 5%**Location : 1 Unit On Roof*

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**  
**Asset # : 13442**

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									
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2038	* *	4	\$3,400	
	Heat Rejection								
	Air Cooled Condenser Unit	100%			2028	\$128,900	2	\$47,600	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$60,400	
	Exhaust Fans								
	Interior	80%			2028	\$182,000	2	\$1,700	
	Roof	20%			2033	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	* *	1		
	Water Heater								
	Gas Fired	100%			2026	\$39,000	2	\$1,000	
	Other Observation, Extent : Light, Area Affected : 100% Location : 6th Floor Mech Room Explanation : 4 Units								
	Sanitary Piping								
	Cast Iron	100%	0-2	\$46,800	LIFE	* *	1		
	Corroded, Extent : Moderate, Area Affected : 60% Location : Basement Pump Room								
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%	0-2	\$2,000	2028	\$9,800	4	\$1,400	
	Corroded, Extent : Severe, Area Affected : 80% Location : Housing								
	Pool Filter/Treatment								
	Sand	100%			2033	* *	4	\$16,900	
	Sewage Ejector(s)								
	Electric	100%	0-2	\$3,700	2028	\$18,400	4	\$2,700	
	Corroded, Extent : Severe, Area Affected : 80% Location : Housing								
	Backflow Preventer								
	Generic	100%			2028	\$16,300	1	\$4,200	
	Fixtures								
	Generic	100%							
Vertical Transport									

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**DEPT. OF PARKS & RECREATION - 846**  
**CHELSEA RECREATION CENTER AND POOL**

**Asset # : 13442**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Geared Traction	60%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Basement To 6th Floor							
		Explanation : 1 Unit							
	Hydraulic	40%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : 1, L, 2nd Floor							
		Explanation : 1 Unit, Under Repair							
Fire Suppression									
Standpipe									
	Generic	100%			2048		* *	1-5	\$34,500
Sprinkler									
	No Component	60%							
	Generic	40%			2038		* *	1-2	\$7,700

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$7,100			
Electrical	\$100	\$100	\$27,400	\$100
Mechanical	\$600			
<b>Total</b>	<b>\$7,700</b>	<b>\$100</b>	<b>\$27,400</b>	<b>\$100</b>
Importance Code A				
Importance Code B	\$7,700	\$100	\$27,400	\$100
<b>Total</b>	<b>\$7,700</b>	<b>\$100</b>	<b>\$27,400</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**  
**CLAREMONT PARK INTERMEDIATE POOL**  
**Asset # : 258**

Architecture		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	100%			LIFE	* *	5	\$27,400	
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## Interior

## Floors

Cast in Place Concrete	100%	2-4	\$7,100	LIFE	* *	5	\$15,000	
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*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

Fused Disc Sw	100%			2026	\$1,500	5		
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## Switchgear / Switchboard

Fused Disc Sw	100%			2026	\$24,400	5		
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## Raceway

Conduit	100%			2026	\$3,700	1		
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## Panelboards

Fused Disc Sw	5%			2025	\$400	5		
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Molded Case Bkrs	95%			2025	\$7,100	5	\$100	
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## Wiring

Thermoplastic	100%			2026	\$8,200	1		
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## Motor Controllers

Locally Mounted	100%			2024	\$7,200	5		
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## Ground

## Grounding Devices

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

## Interior Lighting

Fluorescent	99%			2021	\$9,900	10	\$4,200	
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*T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

HID	1%			2021	\$400	10		
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## Egress Lighting

Emergency, Battery	50%			2021	\$3,100	10	\$600	
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Exit, Service	50%			2021	\$600	1		
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## Exterior Lighting

HID	50%			2021	\$8,600	10		
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No Component	50%							
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## Alarm

## Security System

No Component	70%							
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Generic	30%			2036	* *	1	\$500	
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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**  
**CLAREMONT PARK INTERMEDIATE POOL**  
**Asset # : 258**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Air Conditioning								
	Conversion Equipment							
	Window/Wall Unit	5%		2024	\$400	1		
	No Component	95%						
Plumbing								
	H/C Water Piping							
	Galvanized Steel	100%		2031	* *	1		
	Pool Filter/Treatment							
	Sand	100%		2031	* *	4	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,100	\$10,000		\$3,800
Interior Architecture		\$5,800	\$900	
Electrical	\$500	\$600	\$500	\$8,600
Mechanical	\$2,700	\$3,200	\$2,700	\$3,500
<b>Total</b>	<b>\$39,300</b>	<b>\$19,600</b>	<b>\$4,100</b>	<b>\$15,900</b>
Importance Code A	\$36,600	\$10,500	\$500	\$4,300
Importance Code B	\$2,700	\$9,100	\$3,200	\$11,600
Importance Code C			\$300	
<b>Total</b>	<b>\$39,300</b>	<b>\$19,600</b>	<b>\$4,100</b>	<b>\$15,900</b>



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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

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	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	\$10,500	2032	**	5	\$2,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Trims At Windows And Doors									
Paint Peeling, Extent : Moderate, Area Affected : 20%									
Location : Trims At Windows And Doors									
Split/Cracked, Extent : Moderate, Area Affected : 20%									
Location : Trims At Windows And Doors									
Windows									
	Wood	100%	Now	\$1,500	2043	**	5	\$13,000	
Unit Inoperable, Extent : Moderate, Area Affected : 5%									
Location : Ladies Room									
Roof									
	Metal Panel	25%			2040	**	10	\$8,700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : East Wing									
Explanation : Open Air Pavilion									
	Slate	75%	Now	\$24,100	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%									
Location : North Facade									
Interior									
Floors									
	Carpet	60%			2026	\$118,400	3	\$13,900	
	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	\$600	
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	

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	AcousTileSusp.Lay-In	5%			2040	* *	5	\$800	
	Exposed Struc: Steel	25%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : East Wing								
	Explanation : Open Air Pavilion								
	Gypsum Board	15%			LIFE	* *	5	\$2,900	
	Plaster	55%			LIFE	* *	5	\$5,300	
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	* *	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : One 800 Amperes Main Disconnect Switch								
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2047	* *	5	\$300	
	Raceway								
	Conduit	100%			2047	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2043	* *	5		
	Molded Case Bkrs	95%			2043	* *	5	\$300	
	Wiring								
	Thermoplastic	100%			2047	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2040	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	70%			2032	* *	10	\$6,600	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T8 Lamps								
	Incandescent	30%			2032	* *	2	\$100	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Lobby								
	Explanation : Recessed Halogen Bulb								
	Egress Lighting								
	Emergency, Battery	50%			2032	* *	10	\$1,200	
	Exit, LED	50%			2055	* *	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**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

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

**Lighting**

Exterior Lighting

HID

100%

2032

\*\*

10

**Alarm**

Security System

No Component

50%

Generic

50%

2032

\*\*

1

\$1,900

Fire/Smoke Detection

No Component

50%

Generic, Digital

50%

2032

\*\*

1-3

\$3,200

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

**Heating**

Energy Source

Natural Gas

100%

2047

\*\*

1

Conversion Equipment

Hot Water Boiler

100%

2040

\*\*

1

\$5,100

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

*Location : Basement Boiler Room*

*Explanation : 1 Unit*

Distribution

Hot Wtr Piping/Pump

100%

2043

\*\*

4

\$800

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

Conversion Equipment

Reciprocating

40%

2032

\*\*

1

\$1,900

Compr/Chiller

*R-134a Refrigerant, Extent : Light, Area Affected : 100%*

*Location : 1 Unit - Outside The Building*

Split Unit

60%

2032

\*\*

*R-134a Refrigerant, Extent : Light, Area Affected : 60%*

*Location : 5 Units. Outside The Building*

Terminal Devices

Air Handler/Dir

40%

2032

\*\*

1

Expansion

Fan Coil - 2 Pipe

60%

2032

\*\*

1

\$2,000

Heat Rejection

Air Cooled Condenser

100%

2032

\*\*

2

\$7,200

Unit

**Ventilation**

*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**  
**CLEARVIEW PARK COUNTRY CLUB CLUBHOUSE**

**Asset # : 13884**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,800	
Exhaust Fans									
	Interior	70%			2032	* *	2	\$200	
	Wall Unit	30%			2032	* *	2	\$100	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2047	* *	1		
Water Heater									
	Gas Fired	100%			2025	\$5,900	2	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)									
	Electric	100%			2035	* *	4	\$600	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Basement									
Fixtures									
	Generic	100%							
Fire Suppression									
Sprinkler									
	Generic	100%			2047	* *	1-2	\$2,900	
Chemical System									
	Generic	100%			2025	\$1,900	1-3	\$4,000	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,100			\$700
Interior Architecture	\$3,500	\$600	\$200	
Electrical	\$15,300	\$300	\$300	\$300
Mechanical	\$1,000	\$500	\$500	\$2,700
<b>Total</b>	<b>\$32,900</b>	<b>\$1,400</b>	<b>\$1,000</b>	<b>\$3,700</b>
Importance Code A	\$13,200	\$100	\$100	\$800
Importance Code B	\$19,700	\$1,300	\$900	\$2,900
Importance Code C				
<b>Total</b>	<b>\$32,900</b>	<b>\$1,400</b>	<b>\$1,000</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**  
**CLOVE LAKES PARK BOATHOUSE / RESTAURANT**

**Asset # : 4497**

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: Fieldstone	90%			LIFE	**	5	\$2,000	
	Wood	10%			2032	**	5	\$1,500	
	Windows								
	Aluminum	15%			2035	**	5	\$100	
	Steel	50%	Now	\$12,900	2052	**	5	\$1,500	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Wood	35%	0-2	\$200	2035	**	5	\$900	
		Caulking Deteriorated, Extent : Moderate, Area Affected : 100%							
		Location : Windows Facing Lake							
Roof									
	Roll Roofing	15%			2023	\$5,800	5	\$2,300	
	Skylight, Plastic	5%			2040	**	1		
	Slate	80%			LIFE	**			
Interior									
	Floors								
	Carpet	25%			2023	\$11,700	3	\$1,200	
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Dining Area							
	Cast in Place Concrete	20%			LIFE	**	5	\$1,300	
	Ceramic Tile	10%			2036	**	5	\$300	
	Quarry Tile	10%			2040	**	5	\$500	
	Wood	35%	0-2	\$3,500	2042	**	5	\$1,000	
		Uneven Surface, Extent : Moderate, Area Affected : 10%							
		Location : Bar Area							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Main Dining Room							
		Explanation : Laminate Wood							
	Interior Walls								
	Plaster	85%			LIFE	**	5	\$400	
	SGFT/Glazed Masonry	5%			LIFE	**			
	Wood	10%			LIFE	**	5	\$700	
	Ceilings								
	Exposed Struc: Wood	20%			LIFE	**			
	Gypsum Board	15%			LIFE	**	5	\$600	
	Plaster	65%			LIFE	**	5	\$1,200	
		Patching Evident, Extent : Light, Area Affected : 25%							
		Location : Basement							

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

Under 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BOATHOUSE / RESTAURANT**

**Asset # : 4497**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2037	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Main Service Switch Rated @ 200 Amperes									
Switchgear / Switchboard									
	Fused Disc Sw	100%			2037	**	5		
Raceway									
	Conduit	80%			2027	\$25,000	1		
	Conduit	20%			2037	**	1		
Panelboards									
	Fused Disc Sw	40%			2026	\$6,000	5	\$100	
	Molded Case Bkrs	40%			2035	**	5	\$100	
	Molded Case Bkrs	20%			2026	\$3,000	5		
Wiring									
	Braided Cloth	20%	2-4	\$5,500	2052	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	80%			2037	**	1		
Ground									
Grounding Devices									
	Generic	100%	0-2	\$9,500	LIFE	**	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Corroded									
Lighting									
Interior Lighting									
	Fluorescent	20%			2027	\$4,100	10	\$400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : T-12 Lamps									
	Fluorescent	10%			2027	\$2,100	10	\$200	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	Incandescent	70%			2027	\$14,400	2		
Egress Lighting									
	Emergency, Battery	50%			2027	\$1,400	10	\$200	
	Exit, Service	50%			2027	\$100	1		
Exterior Lighting									
	Incandescent	20%			2027	\$4,400	2		
	No Component	80%							
Alarm									
Security System									
	Generic	100%			2027	\$20,800	1	\$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Intrusion Alarm System									

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

*Estimates are rounded to the nearest hundred dollars.*

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Natural Gas	100%			2047	**	1		
Conversion Equipment	Hot Water Boiler	100%			2040	**	1	\$1,000	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 2 Natural Gas Fired Hot Water Boilers									
Distribution	Hot Wtr Piping/Pump	100%			2043	**	4	\$200	
Terminal Devices	Convactor/Radiator	100%			2040	**	1	\$700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Tenant Installed									
Explanation : Dining Porch Heated By Radiant Piping Under Floor									
Air Conditioning									
Energy Source	Electricity	100%			2043	**	1		
Conversion Equipment	Split Unit	65%			2027			\$26,600	
R-22 Refrigerant, Extent : Light, Area Affected : 65%									
Location : 3 Units, Out Side Of The Building									
	No Component	35%							
Terminal Devices	Fan Coil - 2 Pipe	65%			2032	**	1	\$400	
	No Component	35%							
Ventilation									
Distribution	Ductwork/Diffusers	10%			LIFE	**	2-5	\$100	
	No Component	90%							
Exhaust Fans	Interior	10%			2027	\$600	2		
	No Component	90%							
Plumbing									
H/C Water Piping	Brass/Copper	100%			2037	**	1		
Water Heater	Electric	100%			2025	\$1,700	4		
HW Heat Exchanger	Steam Fired	100%			2047	**	4	\$300	
Sanitary Piping	Cast Iron	100%			LIFE	**	1		
Fixtures	Generic	100%							
Fire Suppression									
Chemical System	Generic	100%			2022	\$1,900	1-3	\$4,000	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BOATHOUSE / RESTAURANT**  
**Asset # : 4497**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

Asset Name : CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS  
Address : 21 SLOSSON AVENUE  
Borough : STATEN ISLAND Agency's Number : R005-04B  
Program / Asset # : PAR0015.04B / 13391 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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$60,400			
Interior Architecture			\$100	
Electrical	\$4,100			
Mechanical	\$2,200		\$100	\$2,700
<b>Total</b>	<b>\$66,700</b>		<b>\$100</b>	<b>\$2,700</b>
Importance Code A	\$60,400			
Importance Code B	\$6,300		\$100	\$2,700
Importance Code C				
<b>Total</b>	<b>\$66,700</b>		<b>\$100</b>	<b>\$2,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS**  
**Asset # : 13391**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	80%	Now	\$24,900	LIFE	* *	5	\$2,800	
		Diagonal Cracks, Extent : Moderate, Area Affected : 20% Location : At Window Heads And Corners Of Building Horizontal Cracks, Extent : Moderate, Area Affected : 15% Location : Above Windows Rusting Masonry Supt, Extent : Moderate, Area Affected : 15% Location : Above All Window Openings Spalling, Extent : Moderate, Area Affected : 25% Location : All Facades							
	Masonry: Granite	5%	Now	\$2,000	LIFE	* *	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30% Location : East Facade, West Facade							
	Wood Overhead Doors	15%	Now	\$24,500	2047	* *	5	\$1,300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : East Facade Split/Cracked, Extent : Moderate, Area Affected : 25% Location : East Facade							
Windows									
	Steel	100%	Now	\$9,100	2052	* *	5	\$1,100	
		Bent/Warped Elements, Extent : Moderate, Area Affected : 15% Location : Throughout Corrosion/Rusting, Extent : Moderate, Area Affected : 50% Location : Throughout Deteriorated Finish, Extent : Moderate, Area Affected : 100% Location : Throughout Thermally Inefficient, Extent : Moderate, Area Affected : 100% Location : Throughout							
Roof									
	Metal Panel	95%			2044	* *	10	\$6,700	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Roof							
	Skylight, Metal/Glass	5%			2053	* *	10	\$600	
		Recent Repair Evident, Extent : Light, Area Affected : 100% Location : Skylights							
Interior									
	Floors								
	Cast in Place Concrete	75%			LIFE	* *	5	\$3,400	
	Vinyl Tile	25%			2027	\$4,400	3	\$200	
Interior Walls									
	Masonry: Brick	75%			LIFE	* *			
	Plaster	25%			LIFE	* *	5		
Ceilings									
	Exposed Concrete	75%			LIFE	* *	5	\$200	
	Plaster	25%			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.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK CAPENTRY/ELEC/PLUMB SHOPS**

**Asset # : 13391**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2027	\$3,700	1		
	Panelboards								
	Fused Disc Sw	50%			2026	\$3,700	5		
	Molded Case Bkrs	50%			2026	\$3,700	5		
	Wiring								
	Braided Cloth	50%	2-4	\$4,100	2052	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	50%			2037	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2025	\$7,200	5		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2027	\$3,000	10	\$1,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Exterior Lighting								
	LED	20%			2035	* *			
	No Component	80%							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Plant Campus Steam / PRV	100%			2037	* *	1		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 1st Floor						
			Explanation : Steam Comes From Adjacent Building						
Distribution									
	Central Plant Steam Piping/Pmp	100%	Now	\$2,200	2037	* *	4	\$100	
			Leak Evident, Extent : Severe, Area Affected : 15%						
			Location : Return Line, Between Dispatch Office And The Main Building						
Terminal Devices									
	Fan Coil Unit/Heat	100%			2027	\$19,300	1	\$500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	* *	1		
	Conversion Equipment								
	Window/Wall Unit	100%			2022	\$2,700	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>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>Priority</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	\$1,100	4		
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$270,200	
<b>Total</b>	<b>\$270,200</b>	
Importance Code A	\$270,200	
<b>Total</b>	<b>\$270,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$30,900			
Interior Architecture	\$30,100			
Electrical	\$2,400			
Mechanical	\$5,800	\$100	\$100	\$1,000
<b>Total</b>	<b>\$69,300</b>	<b>\$100</b>	<b>\$100</b>	<b>\$1,000</b>
Importance Code A	\$31,000	\$100	\$100	\$100
Importance Code B	\$36,500			\$900
Importance Code C	\$1,800			
<b>Total</b>	<b>\$69,300</b>	<b>\$100</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**  
**CLOVE LAKES PARK COMFORT STATION**  
**Asset # : 4499**

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	100%	Now	\$112,500	LIFE	* *	5	\$12,500	
	Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
	Location : Above Windows, Throughout								
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
	Location : At Windows								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : South Facade, Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : South Facade, Throughout								
	Windows								
	Steel	100%	Now	\$30,900	2052	* *	5	\$3,700	
	Bent/Warped Elements, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Roof								
	Slate	100%	Now	\$157,700	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : All Surfaces								
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%								
	Location : Front And Rear Facades								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : Employee Room, Breezways, Restrooms								
Interior									
	Floors								
	Cast in Place Concrete	30%	Now	\$2,800	LIFE	* *	5	\$1,900	
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Basement - Backup From Groundwater								
	Quarry Tile	70%	Now	\$17,800	2032	* *	5	\$1,600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Restrooms								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
	Location : Around Toilets								
	Interior Walls								
	Plaster	70%	Now	\$1,800	LIFE	* *	5	\$700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Paint Peeling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	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**  
**CLOVE LAKES PARK COMFORT STATION**

**Asset # : 4499**

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

**Interior**

**Ceilings**

**Plaster**

100% Now \$7,700 LIFE \* \* 5 \$1,800

*Paint Peeling, Extent : Moderate, Area Affected : 35%*

*Location : Throughout*

*Water Penetration, Extent : Light, Area Affected : 5%*

*Location : Employee Room*

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

**Under 600 Volts**

**Service Equipment**

**Fused Disc Sw**

100% 2037 \* \* 5

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

*Location : Boiler Room*

*Explanation : Main Service Switch Rated @ 100 Amperes.*

**Raceway**

**Conduit**

100% 2037 \* \* 1

**Panelboards**

**Molded Case Bkrs**

100% 2035 \* \* 5

**Wiring**

**Braided Cloth**

30% 2-4 \$2,400 2052 \* \* 1

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

*Location : Throughout The Building*

**Thermoplastic**

70% 2037 \* \* 1

**Ground**

**Grounding Devices**

**Not Accessible**

100%

**Lighting**

**Interior Lighting**

**Fluorescent**

50% 2027 \$1,000 10 \$400

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

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

**Fluorescent**

10% 2027 \$200 10 \$100

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

*Location : Boiler Room*

*Explanation : T-8 Lamps*

**HID**

10% 2027 \$800 10

**Incandescent**

30% 2027 \$1,400 2

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

**Heating**

*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**  
**CLOVE LAKES PARK COMFORT STATION**  
**Asset # : 4499**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2037	**	5	\$300	
		Buried Tank(s), Extent : Light, Area Affected : 100%							
		Location : Yard							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Yard							
		Explanation : (1) 2,000 Gallon Tank							
	Conversion Equipment								
	Steam Boiler	100%			2032	**	1	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Utility Room							
		Explanation : (1) #2 Oil Burning Steam Boiler							
	Distribution								
	Central Plant Steam Piping/Pmp	100%	Now	\$4,400	2037	**	4		
		Corroded, Extent : Severe, Area Affected : 30%							
		Location : Corroded Very Much, Throughout							
	Terminal Devices								
	Convactor/Radiator	100%	Now	\$1,400	2032	**	1	\$300	
		On Extended Life, Extent : Severe, Area Affected : 25%							
		Location : Various							
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	**	1		
	Conversion Equipment								
	Window/Wall Unit	10%			2025	\$200	1		
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2025	\$3,800	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.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$96,600	
<b>Total</b>	<b>\$96,600</b>	
Importance Code A	\$96,600	
<b>Total</b>	<b>\$96,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,500			\$700
Interior Architecture	\$6,700	\$400		\$300
Electrical	\$22,500	\$400	\$300	\$400
Mechanical	\$300	\$400	\$300	\$400
<b>Total</b>	<b>\$42,100</b>	<b>\$1,200</b>	<b>\$600</b>	<b>\$1,800</b>
Importance Code A	\$12,700	\$200	\$200	\$900
Importance Code B	\$28,600	\$1,000	\$400	\$900
Importance Code C	\$800			
<b>Total</b>	<b>\$42,100</b>	<b>\$1,200</b>	<b>\$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**  
**CLOVE LAKES PARK STONEHENGE BOROUGH HQ**  
**Asset # : 4496**

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: Fieldstone	90%	Now	\$45,600	LIFE	* *	5	\$2,000	1
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : At Window Lintels And Side Elevations								
	Rusting Masonry Supt, Extent : Severe, Area Affected : 25%								
	Location : Steel Window Lintels								
	Wood	10%			2032	* *	5	\$1,500	
	Windows								
	Steel	90%	Now	\$12,500	2052	* *	5	\$1,500	
	Bent/Warped Elements, Extent : Light, Area Affected : 20%								
Location : Throughout									
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Wood	10%	0-2		2035	* *	5	\$100	
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Clerstory Windows Above Main Office Space									
Roof									
Slate	100%	Now	\$51,000	LIFE	* *				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%								
	Location : Down Spouts Fornt And Rear Of Building								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Above Offices									
Interior									
Floors									
Carpet	30%			2026	\$9,600	3	\$1,100		
	Cast in Place Concrete	10%	Now	\$800	LIFE	* *	5	\$600	
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Basement - Backup From Ground Water								
	Ceramic Tile	5%			2030	* *	5	\$100	
	Vinyl Tile	50%	Now	\$1,100	2027	\$10,700	3	\$500	
	Worn/Eroded, Extent : Severe, Area Affected : 15%								
	Location : Pantry And Surrounding Area								
	Wood	5%			2042	* *	5	\$200	
	Interior Walls								
Plaster	100%	Now	\$800	LIFE	* *	5	\$300		
	Water Penetration, Extent : Severe, Area Affected : 5%								
	Location : Below Clerstory Windows								

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

Estimates are rounded to the nearest hundred dollars.

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

**Interior**

**Ceilings**

Exposed Struc: Wood

15% 0-2 \$1,200 LIFE \* \*

*Water Penetration, Extent : Light, Area Affected : 5%*

*Location : Main Office, 2nd Story Windows*

Plaster

85% 0-2 \$2,800 LIFE \* \* 5 \$1,300

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

*Location : Corridor In Front Of Exit*

*Water Penetration, Extent : Light, Area Affected : 10%*

*Location : Offices*

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw

100% 2037 \* \* 5

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

*Location : Basement*

*Explanation : Main Service Switch Rated @ 400 Amperes.*

**Switchgear / Switchboard**

Molded Case Bkrs

100% 2037 \* \* 5 \$200

**Raceway**

Conduit

100% 2037 \* \* 1

**Panelboards**

Molded Case Bkrs

100% 2035 \* \* 5 \$200

**Wiring**

Braided Cloth

70% 2-4 \$12,800 2052 \* \* 1

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

*Location : Throughout*

Thermoplastic

30% 2037 \* \* 1

**Motor Controllers**

Locally Mounted

100% 2032 \* \* 5 \$100

**Ground**

**Grounding Devices**

Generic

100% 2-4 \$9,500 LIFE \* \* 5 \$100

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

*Location : Basement*

*Explanation : Corroded*

**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**  
**CLOVE LAKES PARK STONEHENGE BOROUGH HQ**

**Asset # : 4496**

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

**Lighting**

Interior Lighting

Fluorescent

3%

2027

\$300

10

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

*Location : Basement*

*Explanation : Compact Fluorescent Light Fixtures*

Fluorescent

95%

2027

\$9,100

10

\$1,500

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

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

Fluorescent

2%

2035

\*\*

10

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

*Location : Boiler Room*

Egress Lighting

Exit, Service

100%

2027

\$600

1

**Alarm**

Security System

Generic

100%

2027

\$22,000

1

\$2,700

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

*Location : Throughout The Building*

*Explanation : Intrusion Alarm Only*

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

**Heating**

Energy Source

Natural Gas

100%

2047

\*\*

1

Conversion Equipment

Steam Boiler

100%

2044

\*\*

1

\$1,700

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

*Location : Basement*

*Explanation : 1 Steam Boiler*

Distribution

Central Plant Steam

100%

2037

\*\*

4

\$100

Piping/Pmp

Terminal Devices

Convactor/Radiator

100%

2032

\*\*

1

\$500

**Air Conditioning**

Energy Source

Electricity

100%

2035

\*\*

1

Conversion Equipment

Split Unit

50%

2032

\*\*

*Other Observation, Extent : Light, Area Affected : 50%*

*Location : Out Side Of The Building*

*Explanation : 2 Units. R-412 Refrigerant*

Window/Wall Unit

50%

2025

\$1,600

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>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>Priority</b>
Air Conditioning								
	Terminal Devices							
	Fan Coil - 2 Pipe	50%		2032	* *	1	\$300	
		<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	\$600	
	No Component	50%						
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2047	* *	1		
	Water Heater							
	Gas Fired	100%		2025	\$1,000	2		
	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.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$60,400			
Interior Architecture	\$4,800			\$100
Electrical	\$4,700			\$3,400
Mechanical			\$100	\$2,700
<b>Total</b>	<b>\$69,900</b>	<b>\$100</b>	<b>\$100</b>	<b>\$6,200</b>
Importance Code A	\$60,400			
Importance Code B	\$9,500	\$100	\$100	\$6,200
Importance Code C				
<b>Total</b>	<b>\$69,900</b>	<b>\$100</b>	<b>\$100</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**  
**CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP**  
**Asset # : 13392**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	\$24,900	LIFE	**	5	\$2,800	
	Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
	Location : At Window Heads And Corners Of Building							
	Horizontal Cracks, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 35%							
	Location : Above Windows							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : All Facades							
Masonry: Granite	5%	Now	\$2,000	LIFE	**	5	\$100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : East Facade, West Facade							
Wood Overhead Doors	15%	Now	\$24,500	2047	**	5	\$1,300	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : East Facade							
	Split/Cracked, Extent : Moderate, Area Affected : 25%							
	Location : East Facade							
Windows								
Steel	100%	Now	\$9,100	2052	**	5	\$1,100	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%							
	Location : Throughout							
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Roof								
Metal Panel	100%			2044	**	10	\$7,100	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Roof							
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	**	5	\$3,200	
Ceramic Tile	5%	0-2	\$400	2030	**	5	\$100	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Bathroom in Dispatcher Office							
Vinyl Tile	25%	0-2	\$4,400	2037	**	3	\$200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Dispatchers Office							
	Worn/Eroded, Extent : Moderate, Area Affected : 10%							
	Location : Dispatchers Office							
Interior Walls								
Masonry: Brick	75%			LIFE	**			
Plaster	25%			LIFE	**	5		

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP**  
**Asset # : 13392**

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

## Interior

## Ceilings

Exposed Concrete	75%			LIFE		**	5	\$200	
Plaster	25%			LIFE		**	5	\$300	

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

## Under 600 Volts

## Raceway

Conduit	100%			2027		\$3,700	1		
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## Panelboards

Fused Disc Sw	50%			2026		\$3,700	5		
Molded Case Bkrs	30%			2026		\$2,200	5		
Molded Case Bkrs	20%			2043		**	5		

## Wiring

Braided Cloth	50%	2-4	\$4,100	2052		**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

Thermoplastic	30%			2027		\$2,400	1		
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Thermoplastic	20%			2047		**	1		
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## Lighting

## Interior Lighting

Fluorescent	20%	Now	\$600	2037		**			
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*Malfunctioning, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

Fluorescent	80%			2022		\$2,400	10	\$1,000	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

## Exterior Lighting

LED	20%			2035		**			
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No Component	80%								
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## 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.*

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

## Heating

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

*Estimates are rounded to the nearest hundred dollars.*

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK TINSMITH AND BLACKSMITH SHOP**  
**Asset # : 13392**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Plant Campus Steam / PRV	100%			2037	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Steam Comes From Adjacent Building							
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2037	* *	4	\$100	
	Terminal Devices								
	Fan Coil Unit/Heat	100%			2027	\$19,300	1	\$500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	* *	1		
	Conversion Equipment								
	Window/Wall Unit	100%			2022	\$2,700	1		
Ventilation									
	Exhaust Fans								
	Wall Unit	25%			2027	\$100	2		
	No Component	75%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Water Heater								
	Electric	100%			2025	\$1,100	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$530,200	
Mechanical		\$56,300
<b>Total</b>	<b>\$530,200</b>	<b>\$56,300</b>
Importance Code A	\$530,200	
Importance Code B		\$56,300
<b>Total</b>	<b>\$530,200</b>	<b>\$56,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$18,600	\$9,700		\$900
Interior Architecture	\$65,200	\$100	\$200	
Electrical	\$48,900	\$700	\$2,200	\$15,300
Mechanical	\$3,000	\$1,300	\$1,600	\$12,400
<b>Total</b>	<b>\$135,700</b>	<b>\$11,700</b>	<b>\$4,000</b>	<b>\$28,700</b>
Importance Code A	\$19,400	\$10,400	\$800	\$1,700
Importance Code B	\$115,600	\$1,200	\$3,200	\$26,900
Importance Code C	\$600	\$100		
<b>Total</b>	<b>\$135,700</b>	<b>\$11,700</b>	<b>\$4,000</b>	<b>\$28,700</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**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	75%	Now	\$181,200	LIFE	* *	5	\$20,100	1
		Diagonal Cracks, Extent : Moderate, Area Affected : 20% Location : At Window Heads And Building Corners Horizontal Cracks, Extent : Severe, Area Affected : 15% Location : Throughout All Facades Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : Throughout Misaligned/Bulging, Extent : Severe, Area Affected : 50% Location : East Facade Rusting Masonry Supt, Extent : Moderate, Area Affected : 15% Location : At Window Openings Spalling, Extent : Moderate, Area Affected : 15% Location : All Facades							
	Masonry: Granite	5%	Now	\$15,800	LIFE	* *	5	\$1,000	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : Building Base, Corners							
	Metal Coiling Doors	10%	Now	\$151,500	2047	* *	5	\$4,200	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25% Location : North Facade Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : North Facade Hardware Missing, Extent : Moderate, Area Affected : 25% Location : North Facade Staining/Discoloring, Extent : Moderate, Area Affected : 25% Location : North Facade							
	Wood Overhead Doors	10%	Now	\$126,700	2047	* *	5	\$6,700	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : South Facade Split/Cracked, Extent : Moderate, Area Affected : 25% Location : South Facade							
Windows									
	Steel	100%	Now	\$70,700	2052	* *	5	\$8,500	
		Bent/Warped Elements, Extent : Moderate, Area Affected : 25% Location : Throughout Corrosion/Rusting, Extent : Moderate, Area Affected : 50% Location : Throughout Deteriorated Finish, Extent : Moderate, Area Affected : 100% Location : Throughout Thermally Inefficient, Extent : Severe, Area Affected : 100% Location : Throughout							
Parapets									
	Masonry: Brick	90%			LIFE	* *	5	\$4,300	
	Metal Panel	10%			2047	* *	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

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									
	Metal Panel	35%			2040	**	10	\$9,700	
	Modified Bitumen	65%	0-2	\$2,800	2032	**			
Ponding, Extent : Moderate, Area Affected : 25%									
Location : Above Auto Repair And Forestry Garages									
Interior									
Floors									
	Cast in Place Concrete	80%	Now	\$20,000	LIFE	**	5	\$21,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%									
Location : Auto Mechanics									
	Ceramic Tile	5%	Now	\$11,600	2042	**	5	\$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%									
Location : 2nd Floor Bathroom									
	Vinyl Tile	15%			2027	\$15,300	3	\$700	
Interior Walls									
	Ceramic Tile	5%			2030	**	5	\$200	
	Concrete Masonry Unit	10%			LIFE	**	5	\$100	
	Masonry: Brick	60%			LIFE	**			
	Plaster	25%	0-2	\$600	LIFE	**	5	\$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : 2nd Floor Offices									
Ceilings									
	Exposed Concrete	75%	Now	\$29,000	LIFE	**	5	\$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%									
Location : Boiler Room And Shops									
	Plaster	25%	Now	\$3,900	LIFE	**	5	\$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Auto Repair Shop, 2nd Floor Offices									

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 400 Amperes							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2047	* *	5	\$200	
	Raceway								
	Conduit	90%			2027	\$28,200	1		
	Conduit	10%			2047	* *	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 VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Knife Sw	50%	2-4	\$19,200	2052	**	5		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Molded Case Bkrs	50%			2043	**	5	\$100	
Wiring									
	Braided Cloth	90%	2-4	\$24,900	2052	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	10%			2047	**	1		
Motor Controllers									
	Locally Mounted	50%			2032	**	5		
	Locally Mounted	50%			2025	\$7,200	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$100	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2040	**	1	\$2,200	
Generators									
	Diesel	100%			2036	**	1	\$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : Generator Rated @ 320 Kw									
Batteries									
	Lead/Acid	100%			2021	\$1,500	5	\$300	
Fuel Storage									
	Main Tank	100%			2055	**	5	\$200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : 420 Gallon Capacity									
Lighting									
Interior Lighting									
	Fluorescent	50%			2022	\$10,900	10	\$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Fluorescent	50%			2035	**	10	\$3,700	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Egress Lighting									
	Emergency, Battery	5%			2032	**	10	\$100	
	Exit, Service	5%			2032	**	1		
	No Component	90%							
Exterior Lighting									
	LED	20%			2035	**			
	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.



**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

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

**Alarm**

## Security System

No Component

80%

Generic

20% Now

\$4,200

2037

\* \*

1

\$500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Outside**Explanation : 2 - CCTV Surveillance Camera Not Functional*

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

**Heating**

## Energy Source

Interruptible Gas/Dual

100%

2037

\* \*

1

Fuel

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : (1) 200 Gallon Tank*

## Conversion Equipment

Steam Boiler

100%

2032

\* \*

1

\$8,000

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

## Distribution

Central Plant Steam  
Piping/Pmp

100%

2037

\* \*

4

\$400

## Terminal Devices

Convactor/Radiator

50%

2032

\* \*

1

\$1,300

Fan Coil Unit/Heat

50%

2027

\$56,300

1

\$1,300

**Air Conditioning**

## Energy Source

Electricity

100%

2035

\* \*

1

## Conversion Equipment

Window/Wall Unit

50%

2022

\$7,800

1

No Component

50%

**Ventilation**

## Exhaust Fans

Wall Unit

25%

2027

\$700

2

\$100

No Component

75%

**Plumbing**

## H/C Water Piping

Brass/Copper

20%

2047

\* \*

1

Galvanized Steel

80%

0-2

\$1,300

2032

\* \*

1

*Corroded, Extent : Moderate, Area Affected : 5%**Location : Water Main, Basement*

## Water Heater

Electric

100%

2025

\$6,600

4

*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 VEHICLE MAINT BLDG. - 04A - #1**  
**Asset # : 2736**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2022	\$1,000	4	\$100	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Dry	100%			2022	\$1,900	1-3	\$3,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Out Side Of The Building								
	Explanation : For The Gas Station								

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$38,600	
Interior Architecture		\$456,200
Electrical	\$81,000	\$177,500
Mechanical	\$82,400	\$519,400
<b>Total</b>	<b>\$202,100</b>	<b>\$1,153,100</b>
Importance Code A	\$38,600	
Importance Code B	\$163,500	\$1,153,100
<b>Total</b>	<b>\$202,100</b>	<b>\$1,153,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$54,200	\$4,500		\$14,700
Interior Architecture	\$45,300	\$1,800		\$10,800
Electrical	\$9,500	\$400	\$500	\$8,900
Mechanical	\$9,100	\$10,200	\$8,100	\$10,200
<b>Total</b>	<b>\$118,200</b>	<b>\$16,800</b>	<b>\$8,600</b>	<b>\$44,500</b>
Importance Code A	\$56,300	\$6,600	\$2,200	\$16,800
Importance Code B	\$61,800	\$10,200	\$6,500	\$27,700
Importance Code C				
<b>Total</b>	<b>\$118,200</b>	<b>\$16,800</b>	<b>\$8,600</b>	<b>\$44,500</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Alum/Vinyl Siding	10%			2037	**	10	\$800	
	Masonry: Brick	35%	Now	\$28,300	LIFE	**	5	\$9,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
	Metal Coiling Doors	35%			2032	**	5	\$29,300	
	Stucco Cement	10%	Now	\$7,800	2040	**	5	\$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Above Doors									
	Window Wall	10%	Now	\$38,600	2037	**	5	\$5,000	
Air Infiltration, Extent : Moderate, Area Affected : 50%									
Location : Clerstory Windows Above Central Public Space									
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : Clerstory Windows									
Explanation : Thermally Inefficient									
Windows									
	Aluminum	100%			2035	**	5	\$2,300	
Parapets									
	Masonry: Brick	50%	0-2	\$18,200	LIFE	**	5	\$3,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
	Not Accessible	50%							
Roof									
	Asphalt Shingle	50%			2030	**	10	\$3,400	
	Skylight, Plastic	5%			2032	**	1		
	Not Accessible	45%							
Other Observation, Extent : Light, Area Affected : 0%									
Location : At Base Of Clerstory Windows. No Access									
Explanation : Flat Epdm Roof									
Interior									
Floors									
	Cast in Place Concrete	50%			LIFE	**	5	\$38,500	
	Ceramic Tile	5%			2030	**	5	\$1,800	
	Ceramic Tile	5%			2030	**	5	\$1,800	
	Sheet Vinyl/Rubber	40%			2027	\$417,600	5	\$21,100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Layered Above Existing Floor Throughout Public Space									
Interior Walls									
	Ceramic Tile	10%			2030	**	5	\$100	
	Concrete Masonry Unit	70%			LIFE	**	5	\$300	
	Masonry: Brick	10%			LIFE	**			
	SGFT/Glazed Masonry	10%			LIFE	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WAR MEMORIAL SKATING RINK**

**Asset # : 4498**

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

**Interior**

**Ceilings**

AcousTileSusp.Lay-In	5%				2032	**	5	\$500	
Exposed Struc: Steel	20%				LIFE	**			
Exposed Struc: Wood	30%	4+		\$34,900	LIFE	**			

*Staining/Discoloring, Extent : Moderate, Area Affected : 20%*

*Location : Main Public Space*

Fiber Board	25%				2032	**			
Wood	20%	Now		\$10,400	LIFE	**	5	\$16,200	

*Split/Cracked, Extent : Moderate, Area Affected : 35%*

*Location : At Eaves*

*Worn/Eroded, Extent : Severe, Area Affected : 25%*

*Location : At Eaves*

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%				2027	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 3-1200 Amperes Bolted Pressure Switches</i>									

**Transformers**

Dry Type	100%				2032	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : 15 Kva, 480/208/120 Volts</i>									

**Switchgear / Switchboard**

Fused Disc Sw	100%				2027	\$32,300	5		
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**Raceway**

Conduit	100%				2027	\$31,300	1		
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**Panelboards**

Fused Disc Sw	50%				2026	\$7,500	5	\$100	
Molded Case Bkrs	50%				2026	\$7,500	5	\$100	

**Wiring**

Thermoplastic	100%				2027	\$27,700	1		
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**Motor Controllers**

Locally Mounted	100%				2032	**	5		
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**Ground**

**Grounding Devices**

Generic	100%	Now		\$9,500	LIFE	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Boiler Room</i>									
<i>Explanation : Covered With Paint</i>									

**Lighting**

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**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WAR MEMORIAL SKATING RINK**  
**Asset # : 4498**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	30%			2027	\$70,600	10	\$6,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	10%			2032	* *	10	\$2,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Chiller Room							
		Explanation : T-5 Lamps							
	Fluorescent	5%			2022	\$11,800	10	\$1,100	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Entrance							
	HID	30%			2027	\$48,100	10	\$200	
	Incandescent	25%			2027	\$58,800	2	\$100	
Egress Lighting									
	Emergency, Battery	50%			2027	\$15,900	10	\$2,800	
	Exit, Service	50%			2027	\$1,700	1		
Exterior Lighting									
	HID	20%			2022	\$5,100	10		
	No Component	80%							
Alarm									
	Fire/Smoke Detection								
	Generic, Analog	100%	Now	\$69,300	2037	* *	1-3	\$3,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Station Are Not Operational							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2037	* *	1		
	Conversion Equipment								
	Furnace	15%			2027	\$7,800	1	\$1,800	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : 1st Floor							
		Explanation : 1 Unit							
	Steam Boiler	85%			2032	* *	1	\$19,800	
		Other Observation, Extent : Light, Area Affected : 85%							
		Location : Boiler Room							
		Explanation : 1 Natural Gas Steam Boiler							
Distribution									
	Central Plant Steam	85%			2037	* *	4	\$1,000	
	Piping/Pmp								
	No Component	15%							

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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 WAR MEMORIAL SKATING RINK**

**Asset # : 4498**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	50%			2027	\$154,800	1	\$7,300	
	Convactor/Radiator	10%			2025	\$11,800	1	\$800	
	Fan Coil Unit/Heat	25%			2022	\$82,400	1	\$1,900	
	No Component	15%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	* *	1		
	Conversion Equipment								
	Centrifugal, Elec Chiller	100%			2040	* *	1	\$8,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Building Adjacent To Bubble								
	Explanation : 2 Units For Ice Rink. Refrigerant Ammonia.								
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2053	* *	4	\$100	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2027	\$246,900	1	\$14,600	
	Heat Rejection								
	Water Cooling Tower	100%			2028	\$117,600	2	\$23,700	
Ventilation									
	Distribution								
	Ductwork/Diffusers	50%			LIFE	* *	2-5	\$6,600	
	No Component	50%							
	Exhaust Fans								
	Roof	50%	Now	\$3,700	2027	\$18,300	2	\$300	
	Not in Service, Extent : Severe, Area Affected : 50%								
	Location : Roof								
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Water Heater								
	Electric	10%			2025	\$1,900	4		
	No Component	90%							
	HW Heat Exchanger								
	Steam Fired	100%			2037	* *	4	\$2,300	
	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.*

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

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,766,300	\$637,300
Interior Architecture	\$293,000	\$91,700
Electrical	\$310,900	\$138,300
Mechanical		\$822,100
<b>Total</b>	<b>\$3,370,200</b>	<b>\$1,689,300</b>
Importance Code A	\$2,766,300	\$637,300
Importance Code B	\$516,200	\$1,052,000
Importance Code C	\$87,800	
<b>Total</b>	<b>\$3,370,200</b>	<b>\$1,689,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,700		\$9,100	
Interior Architecture	\$49,400			
Electrical	\$22,300	\$300	\$22,200	
Mechanical	\$5,700	\$4,700	\$44,000	\$5,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$94,100</b>	<b>\$9,000</b>	<b>\$79,200</b>	<b>\$9,400</b>
Importance Code A	\$15,800	\$3,100	\$12,500	\$3,100
Importance Code B	\$55,900	\$5,900	\$66,700	\$6,400
Importance Code C	\$22,400			
<b>Total</b>	<b>\$94,100</b>	<b>\$9,000</b>	<b>\$79,200</b>	<b>\$9,400</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**  
**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	\$1,671,000	LIFE	* *	5	\$494,600	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Exposed Reinforcement, Extent : Severe, Area Affected : 25%							
		Location : West Facade							
	Masonry: Brick	10%	Now	\$175,300	LIFE	* *	5	\$11,600	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : South Facade							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : South Facade							
	Metal Sect. OHD	5%			2031	* *	5	\$18,200	
Windows									
	Wood	100%	Now	\$165,400	2051	* *	5	\$29,500	
		Air Infiltration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Broken/Missing Elements, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
Parapets									
	Cast in Place Concrete	100%	Now	\$263,100	LIFE	* *	5	\$142,700	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
		Location : West Facade							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : West Facade							

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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**  
**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									
Roof									
Built-Up (BUR)	85%	Now	\$169,600	2036	* *				
	Blisters, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Third Floor								
	Worn/Eroded, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
Modified Bitumen	10%	Now	\$12,700	2026	\$25,400			1	
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
Skylight, Metal/Glass	5%	Now	\$321,900	2056	* *				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Interior									
Floors									
Cast in Place Concrete	90%	0-2	\$130,500	LIFE	* *	5	\$91,700		
	Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
Ceramic Tile	10%	0-2	\$27,000	2029	* *	5	\$2,300		
	Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
	Location : Throughout								
Interior Walls									
Cast in Place Concrete	40%	Now	\$87,800	LIFE	* *				
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : First Floor								
	Water Penetration, Extent : Moderate, Area Affected : 30%								
	Location : First Floor								
Ceramic Tile	10%	0-2	\$9,600	2035	* *	5	\$600		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Concrete Masonry Unit	50%	Now	\$12,800	LIFE	* *	5	\$2,300		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Stair								
Ceilings									
Exposed Concrete	100%	Now	\$74,800	LIFE	* *	5	\$7,300		
	Water Penetration, Extent : Light, Area Affected : 15%								
	Location : Third 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.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2026	\$2,500	5	\$700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical And Mechanical Room									
Explanation : One 400 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2026	\$32,300	5	\$700	
Raceway									
	Conduit	90%			2026	\$28,200	1		
	Conduit	10%			2036	* *	1		
Panelboards									
	Fused Disc Sw	5%			2034	* *	5		
	Molded Case Bkrs	15%			2034	* *	5	\$100	
	Molded Case Bkrs	80%			2025	\$17,900	5	\$600	
Wiring									
	Braided Cloth	80%	2-4	\$22,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	20%			2036	* *	1		
Motor Controllers									
	Locally Mounted	20%			2031	* *	5		
	Locally Mounted	80%			2024	\$36,200	5	\$100	
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	75%			2021	\$233,200	10	\$21,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Using T-12 Lamps And Compact Spiral Bulbs									
	Incandescent	25%			2021	\$77,700	2	\$200	
Exterior Lighting									
	HID	100%			2026	\$102,100	10	\$100	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2036	* *	5	\$9,600	
	Conversion Equipment								
	Steam Boiler	100%			2031	* *	1	\$30,800	
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1st Floor Boiler Room									
Explanation : 2 Units									

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK 3-STORY MULTI PURPOSE BLDG.**  
**Asset # : 622**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2026	\$492,200	4	\$1,500	
	Terminal Devices								
	Air Handler	70%			2026	\$286,300	1	\$13,500	
	Convactor/Radiator	20%			2024	\$31,100	1	\$2,000	
	Fan Coil Unit/Heat	10%			2026	\$43,600	1	\$1,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	10%			2021	\$6,100	1		
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	70%			LIFE	* *	2-5	\$12,100	
	No Component	30%							
	Exhaust Fans								
	Interior	70%			2031	* *	2	\$700	
	No Component	30%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2031	* *	1		
	Water Heater								
	Electric	100%			2021	\$25,600	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	
	Unit Inoperable, Extent : Severe, Area Affected : 100%								
	Location : Water Flooding In Basement								
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-3								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Electrical		\$81,000
<b>Total</b>		<b>\$81,000</b>
Importance Code B		\$81,000
<b>Total</b>		<b>\$81,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$51,800		\$1,100	
Interior Architecture	\$15,100	\$200	\$1,900	\$700
Electrical	\$12,800		\$32,700	
<b>Total</b>	<b>\$79,700</b>	<b>\$200</b>	<b>\$35,700</b>	<b>\$700</b>
Importance Code A	\$51,800		\$1,100	
Importance Code B	\$27,900	\$200	\$34,600	\$700
Importance Code C				
<b>Total</b>	<b>\$79,700</b>	<b>\$200</b>	<b>\$35,700</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**  
**CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS**  
**Asset # : 604**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%			LIFE	* *	5	\$1,100	
		Repairs in Progress, Extent : Light, Area Affected : 66%							
		Location : Throughout							
	Masonry: Brick	80%	Now	\$32,500	LIFE	* *	5	\$3,600	1
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : South Facade, West Facade							
		Repairs in Progress, Extent : Light, Area Affected : 66%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 30%							
		Location : South Facade, West Facade							
		Vertical Cracks, Extent : Severe, Area Affected : 20%							
		Location : Corners							
	Metal Coiling Doors	15%			2031	* *	5	\$2,100	
		Repairs in Progress, Extent : Light, Area Affected : 66%							
		Location : Throughout							
Windows									
	Wood	100%	Now	\$11,700	2051	* *	5	\$2,100	
		Air Infiltration, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Repairs in Progress, Extent : Light, Area Affected : 66%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Parapets									
	Masonry: Brick	50%	Now	\$2,900	LIFE	* *	5	\$100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
		Location : South Facade, East Facade, West Facade							
		Repairs in Progress, Extent : Light, Area Affected : 66%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 30%							
		Location : South Facade, East Facade, West Facade							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Wood Rail	50%	Now	\$1,100	2027	\$1,800	5	\$900	
		Deteriorated Finish, Extent : Severe, Area Affected : 60%							
		Location : Throughout							
		Repairs in Progress, Extent : Light, Area Affected : 66%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK ADMINISTRATION HEADQUARTERS**  
**Asset # : 604**

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								
Built-Up (BUR)	60%	Now	\$2,000	2026	\$4,900			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Modified Bitumen	40%	Now	\$1,700	2026	\$4,100			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Carpet	15%	0-2	\$11,900	2028	\$11,900	3	\$1,400	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Cast in Place Concrete	50%			LIFE	**	5	\$6,800	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceramic Tile	5%			2035	**	5	\$300	
Vinyl Tile	30%	0-2	\$3,200	2031	**	3	\$700	
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$400	
Gypsum Board	10%			LIFE	**	5	\$600	
Masonry: Brick	40%			LIFE	**			
Plaster	40%			LIFE	**	5	\$1,200	
Repairs in Progress, Extent : Light, Area Affected : 66%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	50%			2031	**	5	\$3,900	
Exposed Concrete	50%			LIFE	**	5	\$500	
Repairs in Progress, Extent : Light, Area Affected : 66%								
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

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

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2026	\$2,500	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : First Floor							
		Explanation : Rating Not Available							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$81,000	5	\$100	
	Raceway								
	Conduit	10%			2036	* *	1		
	Conduit	90%			2026	\$12,500	1		
	Panelboards								
	Fused Disc Sw	5%			2025	\$700	5		
	Molded Case Bkrs	20%			2034	* *	5		
	Molded Case Bkrs	75%			2025	\$11,200	5	\$100	
	Wiring								
	Braided Cloth	70%	2-4	\$12,800	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	30%			2036	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$29,400	5		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	85%			2021	\$20,100	10	\$3,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Using T-12 Lamps							
	Incandescent	15%			2021	\$7,900	2		
	Egress Lighting								
	Exit, Service	100%			2021	\$1,400	1		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source									
	Not Accessible	100%							
Conversion Equipment									
	Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%									
Location :									
Explanation : Under Construction, No Access For Mechanical Survey									

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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>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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</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%						

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE  
**Address** : CORBIN PLACE-WEST 37TH STREET W. 16TH STREET AND BEACH  
**Borough** : BROOKLYN **Agency's Number** : B169-19  
**Program / Asset #** : PAR0111.019 / 619 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 3,710 **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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Mechanical		\$73,800
<b>Total</b>		<b>\$73,800</b>
Importance Code B		\$73,800
<b>Total</b>		<b>\$73,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$2,600		\$300	
Interior Architecture				
Electrical			\$15,300	
Mechanical	\$300	\$500	\$600	\$500
<b>Total</b>	<b>\$2,900</b>	<b>\$500</b>	<b>\$16,200</b>	<b>\$600</b>
Importance Code A	\$2,600	\$200	\$400	\$300
Importance Code B	\$300	\$300	\$15,900	\$300
<b>Total</b>	<b>\$2,900</b>	<b>\$500</b>	<b>\$16,200</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**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 619**

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

**Exterior**

## Exterior Walls

Cast in Place Concrete	5%			LIFE	**	5		\$900	
Metal Panel	5%			2046	**	5-10		\$1,300	
Pre-Cast Concrete	90%			LIFE	**	5		\$10,700	

## Windows

Aluminum	100%			2042	**	5		\$100	
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## Roof

Metal Panel	100%			2039	**	10		\$2,600	
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**Interior**

## Floors

Cast in Place Concrete	100%			LIFE	**	5		\$1,600	
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## Interior Walls

Concrete Masonry Unit	100%			LIFE	**	5			
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## Ceilings

Exposed Concrete	100%			LIFE	**	5		\$100	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Under 600 Volts**

## Service Equipment

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

*Location : Electrical Room And Mechanical Room*

*Explanation : One 200 Amperes Main Disconnect Switch*

## Transformers

Dry Type	100%			2039	**	5			
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room And Mechanical Room*

*Explanation : One 45 Kva 208v-480v/277v*

## Raceway

Conduit	100%			2046	**	1			
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## Panelboards

Fused Disc Sw	20%			2042	**	5			
Molded Case Bkrs	80%			2042	**	5		\$100	

## Wiring

Thermoplastic	100%			2046	**	1			
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## Motor Controllers

Locally Mounted	100%			2039	**	5			
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**Ground**

## Grounding Devices

Not Accessible	100%								
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**Lighting**

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**Lighting**

Interior Lighting	Fluorescent	100%			2031	* *	10	\$3,400	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : Using T-8 Lamps*

Egress Lighting	Exit, Service	100%			2031	* *	1		
Exterior Lighting	Incandescent	100%			2021	\$11,900	2		

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

**Heating**

Energy Source	Electricity	100%			2052	* *	1		
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Conversion Equipment	Heat Pump Air Sourced	100%			2030	* *	2	\$1,100	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : 1st Floor*

*Explanation : 2 Units*

Terminal Devices	Air Handler	100%			2031	* *	1	\$2,300	
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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	\$73,800	2	\$200	
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**Ventilation**

Distribution	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,100	
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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	\$3,100	4		
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Sanitary Piping	Cast Iron	100%			LIFE	* *	1		
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Backflow Preventer	Generic	100%			2031	* *	1	\$200	
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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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE  
**Address** : CORBIN PLACE-WEST 37TH STREET STILLWELL AVE. AND BEACH  
**Borough** : BROOKLYN **Agency's Number** : B169-21  
**Program / Asset #** : PAR0111.021 / 621 **Yr Built/Renovated** : 2003 /  
**Area Sq Ft** : 3,710 **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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,600		\$300	
Interior Architecture		\$400		
Electrical			\$3,400	
Mechanical	\$1,000	\$300	\$800	\$300
<b>Total</b>	<b>\$3,500</b>	<b>\$700</b>	<b>\$4,500</b>	<b>\$400</b>
Importance Code A	\$2,800		\$600	
Importance Code B	\$700	\$700	\$4,000	\$400
<b>Total</b>	<b>\$3,500</b>	<b>\$700</b>	<b>\$4,500</b>	<b>\$400</b>



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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 621**

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

**Exterior**

## Exterior Walls

Cast in Place Concrete	5%			LIFE	**	5		\$900	
Metal Panel	5%			2046	**	5-10		\$1,300	
Pre-Cast Concrete	90%			LIFE	**	5		\$10,700	

## Windows

Aluminum	100%			2042	**	5		\$100	
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## Roof

Metal Panel	100%			2039	**	10		\$2,600	
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**Interior**

## Floors

Ceramic Tile	100%			2035	**	5		\$700	
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## Interior Walls

Concrete Masonry Unit	100%			LIFE	**	5			
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## Ceilings

Exposed Concrete	100%			LIFE	**	5		\$100	
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Under 600 Volts**

## Service Equipment

Fused Disc Sw	100%			2046	**	5			
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : 225 Amperes*

## Raceway

Conduit	100%			2046	**	1			
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## Panelboards

Fused Disc Sw	20%			2042	**	5			
Molded Case Bkrs	80%			2042	**	5		\$100	

## Wiring

Thermoplastic	100%			2046	**	1			
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## Motor Controllers

Locally Mounted	100%			2039	**	5			
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**Ground**

## Grounding Devices

Not Accessible	100%								
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**Lighting**

## Interior Lighting

Fluorescent	100%			2031	**	10		\$3,400	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Using T-8 Lamps*

## Egress Lighting

Exit, Service	100%			2031	**	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**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 621**

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

## Lighting

## Exterior Lighting

HID

100%

2026

\$14,000

10

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

## Heating

## Energy Source

Electricity

100%

2052

\* \*

1

## Conversion Equipment

Heat Pump Air Sourced

100%

2027

\$12,900

2

\$1,100

*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor**Explanation : 2 Units*

## Terminal Devices

Air Handler

100%

2031

\* \*

1

\$2,300

## 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

\$2,100

2

\$100

## Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

## Pool Filter/Treatment

Sand

100%

2039

\* \*

4

\$1,400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Adjacent To Bath House**Explanation : For Palm Tree Fountain*

## 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.*

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE  
**Address** : CORBIN PLACE-WEST 37TH STREET 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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$203,300	
<b>Total</b>	<b>\$203,300</b>	
Importance Code A	\$203,300	
<b>Total</b>	<b>\$203,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$28,800			
Interior Architecture	\$48,700			
Electrical	\$15,000			
Mechanical	\$19,600		\$200	
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$116,000</b>	<b>\$4,000</b>	<b>\$4,200</b>	<b>\$4,000</b>
Importance Code A	\$28,800			
Importance Code B	\$75,500	\$4,000	\$4,200	\$4,000
Importance Code C	\$11,800			
<b>Total</b>	<b>\$116,000</b>	<b>\$4,000</b>	<b>\$4,200</b>	<b>\$4,000</b>



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



**DEPT. OF PARKS & RECREATION - 846**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 1177**

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	100%	Now	\$143,900	LIFE	* *	5	\$15,900	
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : South Facade							
		Horizontal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : South Facade							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : South Facade							
Windows									
	Metal Louvers	40%	0-2	\$4,500	2035	* *			
		Corrosion/Rusting, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Steel	60%	Now	\$59,500	2051	* *	5	\$7,100	
		Air Infiltration, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Parapets									
	Masonry: Brick	50%	Now	\$24,300	LIFE	* *	5	\$1,400	
		Horizontal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Not Accessible	50%							
Roof									
	Not Accessible	100%							
Interior									
	Floors								
	Cast in Place Concrete	65%	0-2	\$5,000	LIFE	* *	5	\$10,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Not Accessible	35%							
Interior Walls									
	Plaster	45%	Now	\$4,800	LIFE	* *	5	\$600	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	SGFT/Glazed Masonry	20%	0-2	\$6,900	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	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**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	30%	Now	\$21,600	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	\$10,300	LIFE	**	5	\$1,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Not Accessible	35%							

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Raceway								
Conduit	100%			2026	\$3,700	1		
Panelboards								
Not Accessible	100%							
Wiring								
Braided Cloth	100%	2-4	\$8,200	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Lighting								
Interior Lighting								
Incandescent	100%	2-4	\$6,900	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>								

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2026		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 # : 1177**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Fan Coil Unit/Heat	100%	Now	\$18,500	2036	* *	1	\$400	
	Unit Inoperable, Extent : Severe, Area Affected : 100%								
	Location : Office And Toilet Rooms								
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2024	\$5,400	1		
	Water Heater								
	Electric	100%	Now	\$1,100	2026	\$1,100	4		
	Not in Service, Extent : Severe, Area Affected : 100%								
	Location : Toilet Room								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE  
**Address** : CORBIN PLACE-WEST 37TH STREET W. 8TH ST. AND BEACH  
**Borough** : BROOKLYN **Agency's Number** : B169-14  
**Program / Asset #** : PAR0111.014 / 1178 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,432 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Oct-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$115,700	\$51,400
Interior Architecture	\$52,100	
<b>Total</b>	<b>\$167,800</b>	<b>\$51,400</b>
Importance Code A	\$115,700	\$51,400
Importance Code C	\$52,100	
<b>Total</b>	<b>\$167,800</b>	<b>\$51,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Interior Architecture	\$5,900			
<b>Total</b>	<b>\$5,900</b>			
Importance Code B	\$5,900			
<b>Total</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**  
**CONEY ISLAND BEACH AND BOARDWALK COMFORT AND STORAGE**  
**Asset # : 1178**

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	100%	Now	\$115,700	LIFE	* *	5	\$51,400	1
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Exposed Reinforcement, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
Roof									
	Cast in Place Concrete	100%			LIFE	* *			
Interior									
	Floors								
	Cast in Place Concrete	100%			LIFE	* *	5	\$8,000	
	Interior Walls								
	Cast in Place Concrete	100%	Now	\$52,100	LIFE	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Ceilings									
	Exposed Concrete	100%	Now	\$5,900	LIFE	* *	5	\$600	
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Basement							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$56,400	
<b>Total</b>	<b>\$56,400</b>	
Importance Code A	\$56,400	
<b>Total</b>	<b>\$56,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,200			
Interior Architecture				
Electrical				
Mechanical	\$3,400		\$1,700	
<b>Total</b>	<b>\$42,700</b>		<b>\$1,700</b>	
Importance Code A	\$39,200			
Importance Code B	\$3,500		\$1,700	
Importance Code C				
<b>Total</b>	<b>\$42,700</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**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD BUILDING**  
**Asset # : 620**

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	15%	Now	\$13,500	LIFE	**	5	\$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Underside Of Overhang									
Spalling, Extent : Moderate, Area Affected : 15%									
Location : Underside Of Overhang									
	Masonry: Brick	60%	Now	\$14,400	LIFE	**	5	\$4,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Corners									
	Metal Coiling Doors	25%	Now	\$56,400	2031	**	5	\$3,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Unit Inoperable, Extent : Moderate, Area Affected : 100%									
Location : South Facade									
Windows									
	Metal Louvers	10%	Now	\$100	2029	**			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
	Steel	90%	2-4	\$11,200	2051	**	5	\$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Roof									
	Not Accessible	100%							
Interior									
Floors									
	Cast in Place Concrete	100%			LIFE	**	5	\$6,800	
Interior Walls									
	Plaster	100%			LIFE	**	5	\$2,100	
Ceilings									
	Exposed Concrete	100%			LIFE	**	5	\$500	

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%			2036	**	5			
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : First Floor									
Explanation : One 200 Amperes Main Disconnect Switch									
Raceway									
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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	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	\$4,500	10	\$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Using T-8 Lamps									
	Exterior Lighting								
	HID	100%			2026	\$7,800	10		
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%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	50%	Now	\$2,000	2026	\$2,000	1		
Unit Inoperable, Extent : Severe, Area Affected : 50%									
Location : 1st Floor									
	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		
Other Observation, Extent : Severe, Area Affected : 20%									
Location : Restroom									
Explanation : Clogged									
	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**

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD QUARTERS  
**Address** : CORBIN PLACE-WEST 37TH STREET W. 16TH STREET AND BEACH  
**Borough** : BROOKLYN **Agency's Number** : B169-16  
**Program / Asset #** : PAR0111.016 / 618 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 1,500 **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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,700		\$100	\$100
Interior Architecture		\$100		
Electrical			\$6,200	
Mechanical	\$500			
<b>Total</b>	<b>\$2,300</b>	<b>\$100</b>	<b>\$6,300</b>	<b>\$100</b>
Importance Code A	\$1,700		\$100	\$100
Importance Code B	\$500	\$100	\$6,200	
Importance Code C				
<b>Total</b>	<b>\$2,300</b>	<b>\$100</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**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD QUARTERS**  
**Asset # : 618**

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

**Exterior**

## Exterior Walls

Cast in Place Concrete	5%			LIFE	**	5		\$300	
Metal Panel	5%			2046	**	5-10		\$400	
Pre-Cast Concrete	90%			LIFE	**	5		\$3,300	

## Windows

Aluminum	100%			2042	**	5		\$100	
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## Roof

Metal Panel	100%			2039	**	10		\$1,700	
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**Interior**

## Floors

Cast in Place Concrete	90%			LIFE	**	5		\$4,400	
Ceramic Tile	10%			2035	**	5		\$200	

## Interior Walls

Concrete Masonry Unit	100%			LIFE	**	5		\$1,400	
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## Ceilings

Exposed Concrete	100%			LIFE	**	5		\$300	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Under 600 Volts**

## Switchgear / Switchboard

Molded Case Bkrs	100%			2046	**	5			
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## Raceway

Conduit	100%			2046	**	1			
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## Panelboards

Fused Disc Sw	20%			2042	**	5			
Molded Case Bkrs	80%			2042	**	5			

## Wiring

Thermoplastic	100%			2046	**	1			
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## Motor Controllers

Locally Mounted	100%			2039	**	5			
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**Ground**

## Grounding Devices

Not Accessible	100%								
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**Lighting**

## Interior Lighting

Fluorescent	100%			2031	**	10		\$1,400	
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*Other Observation, Extent : Moderate, 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		\$4,800	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**  
**CONEY ISLAND BEACH AND BOARDWALK LIFEGUARD QUARTERS**  
**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	\$1,400	1		
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$500	2046	* *	1		
	Leak Evident, Extent : Severe, Area Affected : 10%								
	Location : Mens Room								
	Water Heater								
	Gas Fired	100%			2024	\$800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONEY ISLAND PARACHUTE JUMP  
**Address** : CORBIN PLACE-WEST 37TH STREET @BOARDWALK AND W.17 STREET  
**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 2019 - 2022	FY 2023 - 2028
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**


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**Total**


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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**  
**CONEY ISLAND PARACHUTE JUMP**  
**Asset # : 13885**

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

**Exterior**

## Exterior Walls

Exposed Struc: Steel      100%      LIFE      \* \*      5      \$324,100

*Recent Repair Evident, Extent : Light, Area Affected : 90%*

*Location : Throughout*

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

*Location : Boardwalk*

*Explanation : This Structure Is Closed To The Public And Not In Operation*

**Interior**

## Floors

Cast in Place Concrete      100%      LIFE      \* \*      5      \$94,100

*Recent Repair Evident, Extent : Light, Area Affected : 66%*

*Location : Throughout*

## Interior Walls

Metal: Cage/Fence      100%      LIFE      \* \*

*Recent Repair Evident, Extent : Light, Area Affected : 66%*

*Location : Throughout*

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

**Under 600 Volts**

## Service Equipment

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%

**Ground**

## Grounding Devices

Not Accessible      100%

**Lighting**

## Exterior Lighting

Not Accessible      100%

**Lightning Protection**

## Arresters/Cabling

Not Accessible      100%

**Alarm**

## Security System

Not Accessible      100%

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

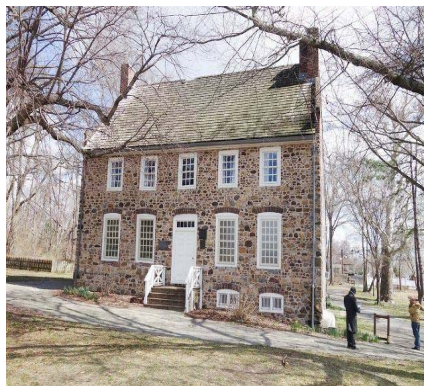
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$40,600	\$150,800
<b>Total</b>	<b>\$40,600</b>	<b>\$150,800</b>
Importance Code A	\$40,600	\$150,800
<b>Total</b>	<b>\$40,600</b>	<b>\$150,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$15,200	\$4,400		\$7,000
Interior Architecture	\$1,500	\$2,200		
Electrical				\$8,600
Mechanical	\$200	\$200	\$100	\$1,900
<b>Total</b>	<b>\$16,900</b>	<b>\$6,900</b>	<b>\$200</b>	<b>\$17,500</b>
Importance Code A	\$15,300	\$4,500	\$100	\$7,100
Importance Code B	\$100	\$2,400	\$100	\$10,500
Importance Code C	\$1,500			
<b>Total</b>	<b>\$16,900</b>	<b>\$6,900</b>	<b>\$200</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**  
**CONFERENCE HOUSE PARK CONFERENCE HOUSE**  
**Asset # : 14030**

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	5%			LIFE	**	5	\$500	
Masonry: Fieldstone	70%	2-4	\$40,600	LIFE	**	5	\$5,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Walls								
Wood	25%			2032	**	5	\$13,400	
Windows								
Wood	90%			2035	**	5	\$7,900	
Wood	10%			2035	**	5	\$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Windows.								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick	20%	2-4	\$100	LIFE	**	5		
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
No Component	80%							
Roof								
Metal Panel	2%			2032	**	10	\$300	
Wood Shingles	98%	2-4	\$15,100	2023	\$150,800			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Ridge Line								
Vegetation Growth, Extent : Moderate, Area Affected : 35%								
Location : East And West Slopes								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$300	
Wood	95%			2030	**	5	\$4,500	
Interior Walls								
Plaster	100%	2-4	\$1,500	LIFE	**	5	\$2,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement Walls								
Ceilings								
Plaster	95%			LIFE	**	5	\$1,500	
Wood	5%			LIFE	**	5	\$1,100	

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**CONFERENCE HOUSE PARK CONFERENCE HOUSE**  
**Asset # : 14030**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Molded Case Bkrs	100%			2026	\$8,200	5		
Wiring									
	Thermoplastic	90%			2027	\$8,000	1		
	Thermoplastic	10%			2057	* *	1		
Motor Controllers									
	Locally Mounted	100%			2025	\$7,800	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5		
Lighting									
Interior Lighting									
	Incandescent	90%			2022	\$8,600	2		
	Incandescent	10%			2037	* *	2		
Alarm									
Fire/Smoke Detection									
	No Component	80%							
	Generic, Analog	20%			2027	\$3,800	1-3	\$200	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2037	* *	5	\$500	
	Conversion Equipment								
	Hot Water Boiler	100%			2032	* *	1	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Of Caretaker Residence							
		Explanation : (1) #2 Oil Burning Hot Water Boiler							
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	* *	4	\$100	
	Terminal Devices								
	Convector/Radiator	80%			2032	* *	1	\$400	
	No Component	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Second Floor And Attic Level							
		Explanation : The Fire Places That Serve These And Other Space Are Capped Off							
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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Interior Pkg Unit - Cooling	15%			2028	\$9,600	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exhibit Basement							
		Explanation : Whole Basement Dehumidifier							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 6140 **Lot** : 80 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$58,200			
Interior Architecture				
Electrical				
Mechanical	\$400	\$2,400	\$300	\$300
<b>Total</b>	<b>\$58,600</b>	<b>\$2,500</b>	<b>\$300</b>	<b>\$300</b>
Importance Code A	\$58,400	\$200	\$200	\$200
Importance Code B	\$100	\$2,200	\$100	\$100
Importance Code C				
<b>Total</b>	<b>\$58,600</b>	<b>\$2,500</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**  
**CROCHERON PARK MAIN BUILDING**  
**Asset # : 13633**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%			LIFE	**	5	\$8,100	
	Wood	5%	Now	\$6,700	2030	**	5	\$1,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : At Fascias, East Facade									
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : At Fascias, East Facade									
Windows									
	Wood	100%	Now	\$20,300	2050	**	5	\$3,600	
Air Infiltration, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Roof									
	Slate	100%	Now	\$31,200	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Interior									
Floors									
	Cast in Place Concrete	10%			LIFE	**	5	\$800	
	Terrazzo	90%			LIFE	**	5	\$2,400	
Interior Walls									
	Plaster	50%			LIFE	**	5	\$400	
	SGFT/Glazed Masonry	50%			LIFE	**			
Ceilings									
	Plaster	100%			LIFE	**	5	\$2,100	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Main Service Switch Rated @ 100 Amperes									
Raceway									
	Conduit	100%			2035	* *	1		
Panelboards									
	Molded Case Bkrs	100%			2033	* *	5	\$100	
Wiring									
	Thermoplastic	100%			2035	* *	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**CROCHERON PARK MAIN BUILDING**  
**Asset # : 13633**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Lighting									
	Interior Lighting								
	Fluorescent	95%			2025	\$12,400	10	\$2,000	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Incandescent	5%			2025	\$1,400	2		
	Egress Lighting								
	Exit, Service	100%			2025	\$800	1		
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2035	* *	5	\$700	
	Conversion Equipment								
	Steam Boiler	100%			2030	* *	1	\$2,300	
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 1 Unit							
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2035	* *	4	\$200	
	Terminal Devices								
	Convactor/Radiator	100%			2030	* *	1	\$700	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2030	* *	1		
	Water Heater								
	Oil Fired	100%			2020	\$1,800	1	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2025	\$300	4		
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Basement							
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,082,300	\$73,800
Interior Architecture	\$1,004,500	\$194,400
Electrical		\$254,400
Mechanical		\$139,500
<b>Total</b>	<b>\$3,086,800</b>	<b>\$662,100</b>
Importance Code A	\$2,082,300	\$172,200
Importance Code B	\$736,300	\$489,900
Importance Code C	\$268,200	
<b>Total</b>	<b>\$3,086,800</b>	<b>\$662,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$5,900			
Interior Architecture	\$28,800			
Electrical	\$38,900	\$800	\$1,100	\$18,900
Mechanical	\$21,700	\$700	\$800	\$8,600
<b>Total</b>	<b>\$95,300</b>	<b>\$1,500</b>	<b>\$1,900</b>	<b>\$27,600</b>
Importance Code A	\$6,500	\$600	\$600	\$600
Importance Code B	\$59,900	\$900	\$1,300	\$26,900
Importance Code C	\$28,800			
<b>Total</b>	<b>\$95,300</b>	<b>\$1,500</b>	<b>\$1,900</b>	<b>\$27,600</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**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**  
**Asset # : 13886**

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 Stone/Terra Cotta	5%	Now	\$314,000	LIFE	* *	5	\$15,900	1
		Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	Glass Block	5%	Now	\$44,200	LIFE	* *	5	\$1,300	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 40%							
		Location : Bulkheads							
	Masonry: Brick	90%	Now	\$602,400	LIFE	* *	5	\$36,600	1
		Cracking/Crumbling, Extent : Severe, Area Affected : 66%							
		Location : Throughout							
		Efflorescence, Extent : Severe, Area Affected : 66%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 66%							
		Location : Throughout							
Windows									
	Steel	100%	Now	\$338,800	2052	* *	5	\$37,200	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
		Corrosion/Rusting, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
		Cttrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
Parapets									
	Cast Stone/Terra Cotta	5%	Now	\$56,500	LIFE	* *	5	\$3,200	1
		Cracking/Crumbling, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Deteriorated Finish, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Masonry: Brick	80%	Now	\$410,800	LIFE	* *	5	\$6,500	1
		Cracking/Crumbling, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%							
		Location : Throughout							
	Metal Rail	5%	Now	\$5,900	2032	* *	5	\$2,900	1
		Corrosion/Rusting, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Deformed/Dented, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
	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		
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	\$279,600	2037	**			1
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 66%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Panel/Paver: Cer/Brk	25%	Now	\$36,200	2037	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Interior									
Floors									
	Cast in Place Concrete	60%	Now	\$195,500	LIFE	**	5	\$75,400	
	Cracking/Crumbling, Extent : Severe, Area Affected : 66%								
	Location : Throughout								
	Panel/Paver: Cer/Brk	30%	Now	\$265,300	2035	**	5	\$19,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Wood	10%	Now	\$41,300	2055	**	5	\$5,400	
	Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Interior Walls									
	Glazed Ceramic Panel	10%	Now	\$28,800	LIFE	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Masonry: Brick	40%	Now	\$142,500	LIFE	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Plaster	30%	Now	\$55,000	LIFE	**	5	\$3,800	
	Cracking/Crumbling, Extent : Severe, Area Affected : 66%								
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 66%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	SGFT/Glazed Masonry	20%	Now	\$70,700	LIFE	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								

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**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**  
**Asset # : 13886**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	30%	Now	\$59,000	2032	* *	5	\$8,400		
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Staining/Discoloring, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Fiber Board	30%	Now	\$47,600	2027	\$119,000				
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Plaster	40%	Now	\$127,500	LIFE	* *	5	\$13,900		
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 40%									
Location : Throughout									

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2027	\$2,600	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement / Electrical Room								
Explanation : 2- Main Service Disconnect Switches Rated @ 400 Amperes Each.								
Fused Disc Sw	50%			2027	\$2,600	5		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Filter Room								
Explanation : 2- Main Service Disconnect Switches Rated @ 600 Amperes Each. Enclosure Corroded								
Switchgear / Switchboard								
Fused Disc Sw	100%			2027	\$88,500	5	\$100	
Enclosure Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement Electrical Room								
Raceway								
Conduit	100%			2027	\$24,200	1		
Panelboards								
Fused Disc Sw	20%			2026	\$6,500	5	\$100	
Enclosure Corroded, Extent : Moderate, Area Affected : 20%								
Location : Filter Room								
Molded Case Bkrs	60%			2026	\$19,600	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.

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\*\* 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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Wiring									
	Thermoplastic	80%			2027	\$21,200	1		
	Thermoplastic	20%			2037	* *	1		
Motor Controllers									
	Locally Mounted	50%			2025	\$24,700	5		
	Locally Mounted	50%	0-2	\$24,700	2047	* *	5		
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Filter Room									
Explanation : On Extended Life And Very Corroded									
Ground									
Grounding Devices									
	Generic	100%	0-2	\$10,400	LIFE	* *	5	\$200	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Water Main									
Explanation : Corroded									
Lighting									
Interior Lighting									
	Fluorescent	40%			2022	\$12,000	10	\$4,600	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Offices, Basement And Hallways									
	Fluorescent	10%	0-2	\$3,000	2037	* *			
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Filter Room And Basement									
Explanation : T-12 Lamps; Inadequate Lighting Level									
	HID	49%			2027	\$10,700	10	\$200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Locker Rooms									
Explanation : Metal Halide Hid Fixtures									
	Incandescent	1%			2022	\$1,500	2		
Egress Lighting									
	Emergency, Battery	50%			2027	\$9,200	10	\$1,500	
	Exit, Service	50%			2027	\$1,800	1		
Exterior Lighting									
	HID	20%			2027	\$10,300	10		
	No Component	80%							
Alarm									
Security System									
	No Component	90%							
	Generic	10%			2027	\$4,100	1	\$500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Inside And Outside									
Explanation : CCTV Surveillance Camera System									
Fire/Smoke Detection									
	Generic, Digital	100%			2027	\$141,200	1-3	\$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns									

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**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**  
**Asset # : 13886**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Natural Gas	100%			2037	* *	1		
Conversion Equipment	Hot Water Boiler	100%			2025	\$98,400	1	\$6,200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 2 Natural Gas Hot Water Boilers									
Distribution	Hot Wtr Piping/Pump	100%	0-2	\$2,000	2035	* *	4	\$600	
Corroded, Extent : Moderate, Area Affected : 20%									
Location : Various									
Terminal Devices	Convactor/Radiator	10%			2025	\$6,800	1	\$400	
	Unit Heater - Steam	90%			2027	\$41,100	4	\$1,500	
Air Conditioning									
Energy Source	Electricity	100%			2035	* *	1		
Conversion Equipment	Window/Wall Unit	5%			2022	\$1,300	1		
	No Component	95%							
Ventilation									
Distribution	Ductwork/Diffusers	10%			LIFE	* *	2-5	\$700	
	No Component	90%							
Exhaust Fans	Interior	10%	Now	\$200	2022	\$4,500	2		
Malfunctioning, Extent : Moderate, Area Affected : 5%									
Location : Basement Mechanical Equipment Room, Defective Exhaust Fan									
	Wall Unit	30%			2032	* *	2	\$100	
	No Component	60%							
Plumbing									
H/C Water Piping	Brass/Copper	20%			2027	\$19,000	1		
	Galvanized Steel	80%	0-2	\$9,000	2032	* *	1		
Corroded, Extent : Severe, Area Affected : 15%									
Location : Pool Filter Room									
Leak Evident, Extent : Severe, Area Affected : 5%									
Location : Pool Filter Room									
Water Heater	Gas Fired	100%	Now	\$7,800	2027	\$7,800	2	\$100	
Unit Inoperable, Extent : Severe, Area Affected : 100%									
Location : Not Working For Few Years, Basement Boiler Room									
Sanitary Piping	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)	Non-Submersible	100%			2022	\$1,900	4	\$300	

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**DEPT. OF PARKS & RECREATION - 846**  
**CROTONA PARK RECREATION CENTER/ POOL HOUSE**  
**Asset # : 13886**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Pool Filter/Treatment Sand	100%			2032	* *	4	\$4,600	
			Broken, Extent : Severe, Area Affected : 5%						
			Location : Pool Mechanical Equipment Room, Several Broken Diversion / Isolation Valves						
			Leak Evident, Extent : Severe, Area Affected : 5%						
			Location : Pool Filter Room						
Fixtures									
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$117,300	
Interior Architecture	\$256,100	
Mechanical		\$253,600
<b>Total</b>	<b>\$373,400</b>	<b>\$253,600</b>
Importance Code A	\$117,300	
Importance Code B	\$256,100	\$253,600
<b>Total</b>	<b>\$373,400</b>	<b>\$253,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$36,500	\$1,600		
Interior Architecture	\$51,800	\$3,100		\$100
Electrical	\$17,100	\$78,400	\$200	\$200
Mechanical	\$14,700	\$27,600	\$1,400	\$1,300
<b>Total</b>	<b>\$120,100</b>	<b>\$110,800</b>	<b>\$1,500</b>	<b>\$1,600</b>
Importance Code A	\$37,600	\$2,800	\$1,100	\$1,100
Importance Code B	\$81,900	\$107,900	\$400	\$500
Importance Code C	\$500			
<b>Total</b>	<b>\$120,100</b>	<b>\$110,800</b>	<b>\$1,500</b>	<b>\$1,600</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**  
**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									
Exterior Walls									
Cast in Place Concrete	6%	Now	\$8,800	LIFE	**	5	\$3,900		
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Basement At West Side									
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : Basement Windows At West Side									
Explanation : Rusting Masonry Support									
Concrete Masonry Unit	7%			LIFE	**	5	\$600		
Masonry: Brick	30%			LIFE	**	5	\$3,900		
Masonry: Fieldstone	25%	Now	\$55,900	LIFE	**	5	\$2,400		
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Open Joints, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : Southwest Corner									
Explanation : Misaligned/bulging									
Masonry: Granite	2%	Now	\$6,100	LIFE	**	5	\$200		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Window Sills									
Staining/Discoloring, Extent : Moderate, Area Affected : 25%									
Location : Window Sills									
Metal Sect. OHD	5%			2038	**	5	\$2,000		
Wood	5%			2030	**	5	\$3,200		
Wood	5%	Now	\$6,800	2030	**	5	\$1,600		
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Wood Overhangs									
Split/Cracked, Extent : Moderate, Area Affected : 20%									
Location : Wood Overhangs									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Wood Overhangs									
Wood Overhead Doors	15%	Now	\$61,400	2045	**	5	\$4,900		
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : East Facade									
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : East Facade									
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : East Facade									
Windows									
Steel	100%	Now	\$14,800	2050	**	5	\$1,800		
Air Infiltration, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Asphalt Shingle	100%			2034	**	10	\$5,600	
Interior									
Floors									
	Cast in Place Concrete	65%	Now	\$22,500	LIFE	**	5	\$23,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Quarry Tile	25%			2030	**	5	\$6,200	
	Steel Plate	3%	Now	\$45,500	LIFE	**	1		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
	Location : Stairs To Basement								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
	Location : Stairs To Basement								
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Stairs To Basement								
	Vinyl Tile	7%	Now	\$9,900	2035	**	3	\$400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Office								
	Uneven Surface, Extent : Moderate, Area Affected : 25%								
	Location : Office								
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Office								
Interior Walls									
	Cast in Place Concrete	5%			LIFE	**			
	Concrete Masonry Unit	5%			LIFE	**	5		
	Masonry: Brick	65%			LIFE	**			
	Plaster	15%	Now	\$500	LIFE	**	5	\$100	
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
	Location : Office								
	Paint Peeling, Extent : Moderate, Area Affected : 25%								
	Location : Office								
	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**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

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

Interior

Ceilings

Exposed Struc: Wood	70%	Now	\$210,600	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>									

Plaster	30%	Now	\$18,900	LIFE		* *	5	\$4,500	
<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>									

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%				2025	\$1,500	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : Main Service Switch Rated @ 100 Amperes</i>									

Switchgear / Switchboard

Molded Case Bkrs	100%				2025	\$24,400	5	\$200	
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Raceway

Conduit	100%				2025	\$3,700	1		
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Panelboards

Fused Toggle Switch	5%	2-4	\$400	2050		* *	5		
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*On Extended Life, Extent : Moderate, Area Affected : 100%*  
*Location : 1st Floor*

Molded Case Bkrs	90%				2024	\$6,700	5	\$200	
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Molded Case Bkrs	5%				2033	* *	5		
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Wiring

Braided Cloth	85%	2-4	\$6,900	2050		* *	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*

Thermoplastic	15%				2025	\$1,200	1		
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Motor Controllers

Locally Mounted	100%				2023	\$7,200	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**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

<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>

**Ground**

Grounding Devices  
Generic

100% 2-4 \$9,500 LIFE \* \* 5 \$100  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Basement*  
*Explanation : Corroded*

**Lighting**

Interior Lighting  
Fluorescent

95% 2020 \$23,100 10 \$9,700  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : T-12 Lamps*

Incandescent

5% 2020 \$2,900 2

Exterior Lighting  
HID

100% 2020 \$30,200 10

**Alarm**

Security System  
No Component  
Generic

50%  
50% 2020 \$12,100 1 \$1,500  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Outside*  
*Explanation : 4 - CCTV Surveillance Cameras*

<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% 2035 \* \* 1

Conversion Equipment  
Steam Boiler

100% 2030 \* \* 1 \$11,000  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Basement*  
*Explanation : 1 Unit*

**Distribution**

Central Plant Steam  
Piping/Pmp

100% Now \$3,500 2025 \$176,100 4 \$500  
*Not in Service, Extent : Severe, Area Affected : 50%*  
*Location : Motor Of Vacuum Pump*

**Terminal Devices**

Convactor/Radiator  
Unit Heater - Steam

50% 2023 \$27,800 1 \$1,800  
50% 2020 \$18,600 4 \$800

**Air Conditioning**

Energy Source  
Electricity

100% 2033 \* \* 1

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

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK MAINTENANCE AND SHOP - 0003**

**Asset # : 770**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	10%			2019	\$2,200	1		
	No Component	90%							
Ventilation									
	Exhaust Fans								
	Wall Unit	30%			2020	\$1,100	2	\$100	
	No Component	70%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$7,800	2025	\$77,500	1		
		Corroded, Extent : Severe, Area Affected : 20%							
		Location : Water Main, Basement							
	Water Heater								
	Gas Fired	100%			2020	\$6,300	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2025	\$1,100	4	\$200	
	Fixtures								
	Generic	100%							
		Obsolete Fixtures, Extent : Severe, Area Affected : 50%							
		Location : Locker Room, Ground 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.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$271,600	\$71,100
Interior Architecture		\$58,200
Electrical	\$232,700	\$225,100
Mechanical		\$174,400
<b>Total</b>	<b>\$504,300</b>	<b>\$528,900</b>
Importance Code A	\$271,600	\$71,100
Importance Code B	\$232,700	\$457,700
<b>Total</b>	<b>\$504,300</b>	<b>\$528,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$900		\$12,300	\$8,900
Interior Architecture	\$19,300	\$6,200		\$6,700
Electrical	\$12,400	\$3,200	\$4,100	\$3,700
Mechanical	\$16,300	\$4,400	\$7,800	\$4,400
<b>Total</b>	<b>\$48,900</b>	<b>\$13,900</b>	<b>\$24,200</b>	<b>\$23,700</b>
Importance Code A	\$2,500	\$1,600	\$14,300	\$10,500
Importance Code B	\$46,400	\$12,200	\$10,000	\$13,200
Importance Code C				
<b>Total</b>	<b>\$48,900</b>	<b>\$13,900</b>	<b>\$24,200</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**  
**DOUGLSTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

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: Fieldstone	25%			LIFE	**	5	\$6,900	
	Stucco Cement	65%	Now	\$138,800	2031	**	5	\$30,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Near Service Access And Throughout								
	Paint Peeling, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : East Facade								
	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	**	10	\$900	
	Clay Tile	50%	Now	\$88,800	2046	**			1
	Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
	Location : Over Bathrooms								
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
	Location : Service Access								
	Modified Bitumen	10%			2031	**	10	\$5,300	
	Roll Roofing	20%			2022	\$44,000	5	\$17,800	
	Sloped Glazing	10%			LIFE	**	5	\$71,100	
Interior									
Floors									
	Carpet	30%			2025	\$169,600	3	\$26,600	
	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**  
**DOUGLASTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	15%			2036	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 200a Main Disconnect Switch For Fire Pump									
	Molded Case Bkrs	60%			2036	**	5	\$500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Two 600a Main Disconnect Switch For Restaurant									
	Molded Case Bkrs	15%			2026	\$400	5	\$100	
	Molded Case Bkrs	10%			2026	\$300	5	\$100	
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2036	**	5	\$900	
Raceway									
	Conduit	30%			2026	\$9,400	1		
	Conduit	70%			2036	**	1		
Panelboards									
	Fused Disc Sw	5%			2034	**	5		
	Molded Case Bkrs	30%			2025	\$6,700	5	\$300	
	Molded Case Bkrs	65%			2034	**	5	\$600	
Wiring									
	Braided Cloth	30%	2-4	\$8,300	2051	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	Thermoplastic	70%			2036	**	1		
Motor Controllers									
	Locally Mounted	100%			2031	**	5	\$200	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$500	
Lighting									
Interior Lighting									
	Fluorescent	30%			2026	\$99,700	10	\$9,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Offices, Kitchen, Basement									
Explanation : T-8 Lamps									
	Incandescent	70%			2021	\$232,700	2	\$500	
Egress Lighting									
	Emergency, Battery	50%			2026	\$22,400	10	\$4,000	
	Exit, Service	50%			2026	\$2,400	1		
Exterior Lighting									
	HID	100%			2026	\$125,400	10	\$100	
Alarm									
Security System									
	Generic	100%			2031	**	1	\$12,400	

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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**DOUGLASTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

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

## Alarm

Fire/Smoke Detection

Generic, Digital

100%

2031

\* \*

1-3

\$21,100

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

## Heating

Energy Source

Natural Gas

100%

2046

\* \*

1

Conversion Equipment

Furnace

100%

2031

\* \*

1

\$16,400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Roofs**Explanation : 8 Roof Top Package Units*

## Air Conditioning

Energy Source

Electricity

100%

2042

\* \*

1

Conversion Equipment

Interior Pkg Unit -

Cooling

15%

2027

\$174,400

2

\$300

*R-134a Refrigerant, Extent : Light, Area Affected : 25%**Location : 1st Floor Ball Room*

Reciprocating

Compr/Chiller

15%

2031

\* \*

1

\$2,300

*R-134a Refrigerant, Extent : Light, Area Affected : 15%**Location : 1st Floor Terrace*

Ext Pkg Unit -

Heating/Cooling

70%

2031

\* \*

2

\$1,400

*R-134a Refrigerant, Extent : Light, Area Affected : 70%**Location : Roofs*

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%

## Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$18,500

Exhaust Fans

Interior

60%

2031

\* \*

2

\$600

Roof

40%

2031

\* \*

2

\$400

## Plumbing

H/C Water Piping

Brass/Copper

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**  
**DOUGLASTON PARK GOLF COURSE CLUBHOUSE/RESTAURANT**  
**Asset # : 898**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2024	\$19,000	2	\$500	
	Sanitary Piping								
	Cast Iron	100%	0-2	\$11,400	LIFE	* *	1		
		Leak Evident, Extent : Severe, Area Affected : 100%							
		Location : Basement							
	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	\$1,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$60,000	
Mechanical		\$69,900
<b>Total</b>	<b>\$60,000</b>	<b>\$69,900</b>
Importance Code A	\$60,000	
Importance Code B		\$69,900
<b>Total</b>	<b>\$60,000</b>	<b>\$69,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,800			
Interior Architecture	\$31,800			\$4,400
Electrical	\$2,000	\$100	\$500	\$200
Mechanical	\$500	\$500	\$500	\$600
<b>Total</b>	<b>\$59,200</b>	<b>\$700</b>	<b>\$1,000</b>	<b>\$5,200</b>
Importance Code A	\$25,200	\$400	\$400	\$400
Importance Code B	\$31,000	\$300	\$600	\$4,800
Importance Code C	\$3,000			
<b>Total</b>	<b>\$59,200</b>	<b>\$700</b>	<b>\$1,000</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**  
**DYCKMAN FARMHOUSE**  
**Asset # : 4527**

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	10%			LIFE	**	5	\$900	
	Masonry: Fieldstone	60%			LIFE	**	5	\$4,100	
	Wood	30%	4+	\$19,900	2031	**	5	\$6,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Exterior Trim									
Windows									
	Wood	100%	4+	\$5,000	2034	**	5	\$3,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%									
Location : Exterior Trim									
Paint Peeling, Extent : Moderate, Area Affected : 20%									
Location : Exterior Sills									
Roof									
	Wood Shingles	100%	0-2	\$60,000	2029	**			
Broken/Missing Elements, Extent : Light, Area Affected : 5%									
Location : Caretaker Wing, Main Building									
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%									
Location : Main House And Caretaker's Wing									
Vegetation Growth, Extent : Moderate, Area Affected : 15%									
Location : Caretaker Wing									
Interior									
Floors									
	Carpet	5%			2022	\$4,200	3	\$600	
	Cast in Place Concrete	7%			LIFE	**	5	\$900	
	Panel/Paver: Cer/Brk	10%			2034	**	5	\$1,400	
	Wood	78%	Now	\$21,200	2041	**	5	\$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : Basement - Cooking Area									
Deflection Evident, Extent : Severe, Area Affected : 10%									
Location : Door Thresholds, Entry Corridor									
Interior Walls									
	Masonry: Brick	2%			LIFE	**			
	Masonry: Fieldstone	30%			LIFE	**			
	Plaster	65%	4+	\$3,000	LIFE	**	5	\$600	
Paint Peeling, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
	Wood	3%			LIFE	**	5	\$400	
Ceilings									
	Plaster	70%	0-2	\$6,800	LIFE	**	5	\$2,600	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%									
Location : 2nd Floor Bedrooms									
Paint Peeling, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
	Wood	30%			LIFE	**	5	\$15,900	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**DYCKMAN FARMHOUSE**  
**Asset # : 4527**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2036	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Caretaker Apartment							
		Explanation : One 100 Amperes Main Disconnect Switch							
	Raceway								
	Conduit	100%			2036	**	1		
	Panelboards								
	Molded Case Bkrs	100%			2034	**	5	\$100	
	Wiring								
	Braided Cloth	20%	0-2	\$1,800	2051	**	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Branch Circuits Throughout							
	Thermoplastic	80%			2036	**	1		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	10%			2031	**	10	\$400	
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Basement							
		Explanation : T-8 Lamps							
	Incandescent	80%			2026	\$18,400	2	\$100	
	Incandescent	10%			2031	**	2		
	Exterior Lighting								
	HID	50%			2031	**	10		
	No Component	50%							
Alarm									
	Fire/Smoke Detection								
	No Component	50%							
	Generic, Digital	50%			2031	**	1-3	\$1,300	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2046	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2043	* *	1	\$4,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 Boiler								

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2026	\$69,900	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		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Bathrooms							
		Explanation : Bathroom Exhaust Fans Only							
	No Component	99%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	Water Heater								
	Gas Fired	100%			2025	\$2,500	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 Unit 30 Gallon Residential							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$136,800	
Electrical		\$1,500
<b>Total</b>	<b>\$136,800</b>	<b>\$1,500</b>
Importance Code A	\$136,800	
Importance Code B		\$1,500
<b>Total</b>	<b>\$136,800</b>	<b>\$1,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,700			
Interior Architecture	\$88,200	\$4,500	\$1,100	\$8,100
Electrical	\$1,300	\$1,700	\$1,300	\$10,200
Mechanical	\$4,200	\$5,400	\$8,500	\$5,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$120,400</b>	<b>\$15,500</b>	<b>\$14,900</b>	<b>\$27,900</b>
Importance Code A	\$23,500	\$800	\$800	\$800
Importance Code B	\$95,600	\$14,700	\$13,500	\$27,100
Importance Code C	\$1,200		\$500	
<b>Total</b>	<b>\$120,400</b>	<b>\$15,500</b>	<b>\$14,900</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**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Cast in Place Concrete	5%	Now	\$22,700	LIFE	**	5	\$5,000		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
Masonry: Brick	75%	Now	\$136,800	LIFE	**	5	\$15,100		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
Metal/Glass Curt Wall	20%			LIFE	**	5	\$7,600		
Windows									
Aluminum	100%			2043	**	5	\$3,100		
Roof									
Slate	100%			LIFE	**				
Interior									
Floors									
Carpet	70%	0-2	\$61,600	2023	\$205,500	3	\$24,200		
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Cast in Place Concrete	5%	0-2	\$1,200	LIFE	**	5	\$2,500		
	Cracking/Crumbling, Extent : Light, Area Affected : 20%								
	Location : Throughout								
Ceramic Tile	5%			2036	**	5	\$1,200		
Quarry Tile	5%			2040	**	5	\$1,700		
Vinyl Tile	10%			2032	**	3	\$900		
Wood	5%			2055	**	5	\$2,200		
Interior Walls									
Ceramic Tile	5%			2036	**	5	\$1,100		
Concrete Masonry Unit	5%			LIFE	**	5	\$400		
Gypsum Board	55%			LIFE	**	5	\$7,300		
Plaster	35%	2-4	\$1,200	LIFE	**	5	\$2,300		
	Cracking/Crumbling, Extent : Light, Area Affected : 5%								
	Location : Throughout								
Ceilings									
AcousTileSusp.Lay-In	20%			2040	**	5	\$4,600		
Plaster	80%	2-4	\$24,100	LIFE	**	5	\$11,500		
	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	

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**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	**	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes.							
	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	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement- Mechanical Room							
		Explanation : Connected To Metal Water Pipe							
Lighting									
	Interior Lighting								
	Fluorescent	41%			2032	**	10	\$5,800	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Basement							
	Fluorescent	8%			2032	**	10	\$1,100	
		Compact Fluorescent Light, Extent : Light, Area Affected : 100%							
		Location : Hallways							
	Fluorescent	1%			2027	\$1,500	10	\$100	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
	Incandescent	50%			2032	**	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Hallways, Ballrooms							
		Explanation : Chanderlier Lights, Track Lights							
	Egress Lighting								
	Emergency, Battery	50%			2032	**	10	\$1,900	
	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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm									
	Security System								
	Generic	100%			2032	* *	1	\$5,200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Hallways,Ballrooms, Outside					
				Explanation : CCTV Surveillance Camera System And Intrusion Alarm System					
Fire/Smoke Detection									
	Generic, Digital	100%			2032	* *	1-3	\$8,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations,Strobe Lights And Alarm Bells					

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2047	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	* *	1	\$7,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : One Unit					
	Distribution								
	Hot Wtr Piping/Pump	100%			2043	* *	4	\$1,100	
	Terminal Devices								
	Air Handler	70%			2032	* *	1	\$6,700	
	Convactor/Radiator	30%			2040	* *	1	\$1,500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$20,000	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2032	* *	1	\$9,500	
	Heat Rejection								
	Air Cooled Condenser Unit	100%			2032	* *	2	\$10,700	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2047	* *	1		
	Water Heater								
	Gas Fired	100%			2026	\$8,800	2	\$200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : One Unit Of 225 Gallons					

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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**  
**DYKER BEACH PARK CLUBHOUSE**  
**Asset # : 13979**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2032	* *	1	\$900	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-1							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	Generic	100%			2053	* *	1-2	\$4,300	
	Chemical System								
	Generic	100%			2025	\$1,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$137,500	\$166,300
Interior Architecture	\$174,300	
Electrical	\$45,700	\$40,700
Mechanical		\$605,900
<b>Total</b>	<b>\$357,600</b>	<b>\$812,900</b>
Importance Code A	\$137,500	\$324,500
Importance Code B	\$220,100	\$488,400
<b>Total</b>	<b>\$357,600</b>	<b>\$812,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$49,800		\$5,500	\$1,100
Interior Architecture	\$100,000		\$12,900	
Electrical	\$2,300	\$2,000	\$49,200	\$2,200
Mechanical	\$35,400	\$2,500	\$17,600	\$3,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$191,400</b>	<b>\$8,500</b>	<b>\$89,100</b>	<b>\$10,300</b>
Importance Code A	\$81,400	\$1,000	\$6,500	\$2,100
Importance Code B	\$69,100	\$7,500	\$82,600	\$8,200
Importance Code C	\$40,800			
<b>Total</b>	<b>\$191,400</b>	<b>\$8,500</b>	<b>\$89,100</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**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

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	90%	4+	\$137,500	LIFE	**	5	\$41,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : North Facade								
Masonry: Granite	5%			LIFE	**	5	\$1,700	
Masonry: Limestone	5%			LIFE	**	5	\$1,700	
Windows								
Aluminum	30%			2042	**	5	\$2,100	
Glass Block	40%			LIFE	**	5	\$1,800	
Wood	30%	Now	\$6,500	2034	**	5	\$10,600	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor, North Facade, Gymnasium Throughout								
Parapets								
Masonry: Brick	60%	Now	\$11,400	LIFE	**	5	\$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Connection Points For Decorative Fencing, North Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : High Parapet Walls								
Masonry: Limestone	10%	Now	\$6,900	LIFE	**	5	\$800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : North Facade At Cornice, Atop High Parapet Walls								
Metal: Cage/Fence	20%			2031	**	5-10	\$9,400	
Pre-Cast Concrete	10%			LIFE	**	5	\$3,800	
Roof								
Roll Roofing	90%	Now	\$24,900	2025	\$124,500	5	\$23,100	
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : At Patch								
Skylight, Metal/Glass	10%			2036	**	10	\$10,200	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$3,300	
Quarry Tile	52%			2031	**	5	\$23,400	
Sheet Vinyl/Rubber	5%			2031	**	5	\$2,300	
Terrazzo	8%			LIFE	**	5	\$1,900	
Wood	30%	0-2	\$32,400	2041	**	5	\$8,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout Gymnasium, Multi Purpose Room								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	15%			2029	**	5	\$4,000	
Masonry: Brick	25%	Now	\$28,200	LIFE	**			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement At Sidewalk Vault								
Marble Panels	20%			LIFE	**			
Recent Repair Evident, Extent : Light, Area Affected : 60%								
Location : Pool Area								
Plaster	25%	Now	\$5,800	LIFE	**	5	\$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Pool Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Stair To Boiler Room								
Wood	15%	Now	\$4,800	LIFE	**	5	\$15,900	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	Now	\$20,400	LIFE	**	5	\$500	
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : Basement At Sidewalk Vault - Access Hatch Not In Use								
Masonry: Infill Arch	25%	Now	\$174,300	LIFE	**			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout Pool Area								
Explanation : Repairs In Progress								
Masonry: Infill Arch	50%			LIFE	**			
Plaster	15%	Now	\$6,200	LIFE	**	5	\$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Rooms, Stairwells								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	\$100	
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room In Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1600 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	* *	5	\$500	
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room In Basement								

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

**DEPT. OF PARKS & RECREATION - 846**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Raceway									
	Conduit	90%			2026	\$3,700	1		
	Conduit	10%			2036	* *	1		
Panelboards									
	Fused Disc Sw	10%			2025	\$800	5		
	Molded Case Bkrs	60%			2025	\$4,900	5	\$300	
	Molded Case Bkrs	30%			2034	* *	5	\$200	
Wiring									
	Thermoplastic	30%			2036	* *	1		
	Thermoplastic	70%			2026	\$6,200	1		
Motor Controllers									
	Locally Mounted	100%			2031	* *	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
Interior Lighting									
	Fluorescent	50%			2026	\$24,000	10	\$9,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	5%			2021	\$2,400	10	\$900	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 5%							
		Location : Basement							
	HID	5%			2021	\$9,000	10		
	Incandescent	40%			2021	\$45,700	2	\$200	
Egress Lighting									
	Emergency, Battery	40%			2026	\$11,800	10	\$1,900	
	Emergency, Battery	10%			2036	* *	10	\$500	
	Exit, Service	40%			2026	\$2,400	1		
	Exit, Service	10%			2036	* *	1		
Exterior Lighting									
	HID	50%			2026	\$40,700	10		
	Incandescent	50%			2021	\$34,500	2		
Lightning Protection									
Arresters/Cabling									
	Generic	100%			2041	* *	5	\$300	
Alarm									
Security System									
	Generic	100%			2031	* *	1	\$7,400	
Fire/Smoke Detection									
	Generic, Digital	100%			2031	* *	1-3	\$12,500	

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

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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			
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	\$6,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : One Tank Of 3,000 Gallon Capacity							
	Conversion Equipment								
	Hot Water Boiler	100%	Now	\$31,600	2024	\$158,200	1	\$8,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 3 Units							
	Distribution								
	Hot Wtr Piping/Pump	100%			2034	**	4	\$1,000	
	Terminal Devices								
	Convactor/Radiator	30%			2031	**	1	\$2,000	
	Fan Coil Unit/Heat	70%			2026	\$215,100	1	\$4,500	
Air Conditioning									
	Energy Source								
	Electricity	30%			2034	**	1		
	No Component	70%							
	Conversion Equipment								
	Reciprocating Compr/Chiller	30%			2026	\$52,200	1	\$2,800	
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : Chiller							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : External Package Unit							
	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	\$64,400	1	\$2,000	
	Fan Coil - 2 Pipe	20%			2026	\$42,900	1	\$1,300	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Pool Dehumidifier, Mechanical Room, Basement							
		Explanation : 2 Units, Air Handlers Working Off The Same Chiller							
	No Component	50%							
	Dehumidifier								
	Generic	100%			2024	\$100			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 Units							

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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**  
**EAST 54 STREET RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 274**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,200	
	Exhaust Fans								
	Interior	100%			2026	\$73,000	2	\$600	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	**	1		
	HW Heat Exchanger								
	HTHW/HW	100%			2036	**			
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2026	\$3,100	4	\$400	
	Pool Filter/Treatment								
	Sand	100%			2031	**	4	\$7,500	
	Sewage Ejector(s)								
	Not Accessible	100%							
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Lobby : 4th Floor									
Explanation : One Unit									

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$65,500	\$58,200
<b>Total</b>	<b>\$65,500</b>	<b>\$58,200</b>
Importance Code A	\$65,500	\$58,200
<b>Total</b>	<b>\$65,500</b>	<b>\$58,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$16,500			
Site Pavements	\$16,800			
<b>Total</b>	<b>\$33,300</b>			
Importance Code A				
Importance Code B	\$16,500			
Importance Code C	\$16,800			
<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**  
**FABER PARK FABER POOL, OLYMPIC**  
**Asset # : 655**

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	90%	Now	\$65,500	LIFE	* *	5	\$58,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Cracking Of Fiberglass Coating - Various Locations Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 20%							
		Location : Where Wall Meets Gutter							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fiberglass Coating							
	Metal Panel	10%			2038	* *	5-10	\$8,900	
Interior									
	Floors								
	Cast in Place Concrete	100%	Now	\$16,500	LIFE	* *	5	\$34,800	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Cracking Of Fiberglass Coating - Various Locations Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 20%							
		Location : At Expansion Joints							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fiberglass Coating							
Site Enclosure									
	Fence/Gates								
	Chain link	40%			2048	* *			
	Iron Picket	60%			2063	* *			
	Retaining Walls								
	Masonry: Brick	70%			2038	* *			
	Masonry: Fieldstone	30%			2038	* *			
Site Pavements									
	On-Site Walkways								
	Asphalt	30%			2037	* *			
	Cast in Place Concrete	70%	Now	\$16,800	2033	* *			
		Cracking/Crumbling, Extent : Light, Area Affected : 25%							
		Location : At Perimeter Of Pool Basin							

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									
	Dehumidifier								
	Not Accessible	100%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2033	* *	1		
	Pool Filter/Treatment								
	Not Accessible	100%							

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$94,100	
Interior Architecture	\$39,800	
Electrical		\$55,800
Mechanical		\$38,900
<b>Total</b>	<b>\$133,900</b>	<b>\$94,700</b>
Importance Code A	\$94,100	\$38,900
Importance Code B		\$55,800
Importance Code C	\$39,800	
<b>Total</b>	<b>\$133,900</b>	<b>\$94,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$91,800		\$1,000	
Interior Architecture	\$54,200			
Electrical	\$2,900	\$300	\$400	\$400
Mechanical	\$4,700	\$500	\$8,800	\$500
Site Enclosure	\$20,100			
Site Pavements	\$23,600			
<b>Total</b>	<b>\$197,200</b>	<b>\$800</b>	<b>\$10,200</b>	<b>\$900</b>
Importance Code A	\$92,000	\$300	\$1,300	\$300
Importance Code B	\$54,500	\$500	\$8,900	\$600
Importance Code C	\$50,600			
<b>Total</b>	<b>\$197,200</b>	<b>\$800</b>	<b>\$10,200</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**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	60%	Now	\$29,100	LIFE	* *	5	\$9,700	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
	Location : Perimeter Of Building At Grade								
	Spalling, Extent : Severe, Area Affected : 15%								
	Location : East And West Facades At Utility Areas								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : At Mechanical Room - East Side								
	Masonry: Fieldstone	20%	Now	\$27,800	LIFE	* *	5	\$2,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : South Facade								
	Metal: Cage/Fence	5%			2033	* *	5	\$3,500	
	Stucco Cement	10%	Now	\$58,300	2048	* *	5	\$2,000	
	Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
	Location : South, East And West Facades								
	Paint Peeling, Extent : Moderate, Area Affected : 50%								
	Location : All Facades								
	Staining/Discoloring, Extent : Severe, Area Affected : 50%								
	Location : South Facade - Below Decorative Banding								
	Water Penetration, Extent : Severe, Area Affected : 25%								
	Location : East And South Facades								
	Wood	5%			2033	* *	5	\$4,000	
	Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
	Location : North Columns								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : North Facade								
	Explanation : Wood Columns								
Windows									
	Aluminum	90%	Now	\$35,800	2036	* *	5	\$1,400	
	Condensation Present, Extent : Moderate, Area Affected : 35%								
	Location : 1st Floor Windows								
	Ctwt/Balnc Not Funct, Extent : Moderate, Area Affected : 35%								
	Location : 1st Floor Windows								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
	Location : 1st Floor Windows								
	Glass Block	5%			LIFE	* *	5	\$200	
	Metal Louvers	5%			2031	* *	10	\$1,000	

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**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

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									
Parapets									
	Masonry: Fieldstone	5%	Now	\$13,800	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	\$6,400	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	\$8,600	LIFE	**	5	\$15,300	
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Support Beams - Basement Overhang</i>									
	Stucco Cement	15%	Now	\$3,900	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	\$1,900	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+	\$1,400	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	\$18,200	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>									

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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**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Ceramic Tile	20%	Now	\$26,100	2031	**	5	\$2,400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Entryways Between Pool And Locker Rooms							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Shower Areas							
	Concrete Masonry Unit	10%			LIFE	**	5	\$1,900	
	Plaster	70%	Now	\$39,800	LIFE	**	5	\$5,000	
		Cracking/Crumbling, Extent : Severe, Area Affected : 30%							
		Location : Locker Rooms, Entry Foyers, Stairs, various locations							
		Deteriorated Finish, Extent : Severe, Area Affected : 15%							
		Location : Stairs To Basement							
		Paint Peeling, Extent : Severe, Area Affected : 15%							
		Location : Stairs To Basement							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Main Hall - 1st Floor Entrances, Basement - Various Locations							
Ceilings									
	Exposed Concrete	50%			LIFE	**	5-10	\$2,900	
	Plaster	50%	Now	\$3,000	LIFE	**	5	\$1,400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Various Locations Throughout Main Hall - 1st Floor							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Main Hall - 1st Floor							
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	\$20,100	2038	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations At Stairs And Boiler Enclosure							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Stucco Covered							
	Masonry: Fieldstone	30%			2038	**			
Site Pavements									
On-Site Walkways									
	Cast in Place Concrete	50%			2041	**			
	Pavers/Stone	50%			2031	**			

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\*\* 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**

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

Site Pavements

Parking/Driveway

Asphalt

100% Now \$23,600 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts

Service Equipment

Not Accessible

100%

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

\$5,900

10

\$2,500

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

*Location : Basement*

Fluorescent

50%

2028

\$5,900

10

\$2,500

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

*Location : Main Floor*

*Explanation : Compact Fluorescent Light Fixtures*

Egress Lighting

Emergency, Battery

50%

2028

\$3,600

10

\$700

Exit, Service

50%

2028

\$700

1

Exterior Lighting

HID

100%

2028

\$20,300

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**

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

**Alarm**

Fire/Smoke Detection

Generic, Analog

100%

2028

\$55,800

1-3

\$3,400

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

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

**Heating**

Energy Source

Natural Gas

100%

2038

\* \*

1

Conversion Equipment

Hot Water Boiler

100%

2026

\$38,900

1

\$2,700

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Boiler Room**Explanation : 1 Unit*

Distribution

Central Plant Steam

100%

Now

\$4,300

2038

\* \*

4

\$300

Piping/Pmp

*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

\$5,300

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

\$15,500

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**  
**FABER PARK POOL HOUSE BUILDING**  
**Asset # : 14376**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2021	\$3,100	2	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 2 Units							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$18,000		\$100	
Interior Architecture	\$5,000			
Electrical	\$4,100			
Mechanical				
<b>Total</b>	<b>\$27,100</b>		<b>\$100</b>	
Importance Code A	\$18,000		\$100	
Importance Code B	\$8,000			
Importance Code C	\$1,100			
<b>Total</b>	<b>\$27,100</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**  
**FDR BOARDWALK AND BEACH MIDLAND BEACH COMFORT STATION**  
**Asset # : 610**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%	Now	\$2,600	LIFE	**	5	\$2,300	
	Spalling, Extent : Moderate, Area Affected : 10%								
	Location : Concrete Columns								
	Concrete Masonry Unit	25%	Now	\$4,700	LIFE	**	5	\$700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Used To Close Window Openings								
	Masonry: Brick	65%	Now	\$9,000	LIFE	**	5	\$3,000	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
	Location : At Exposed Locations From Paint Peeling And At Corners								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
	Location : Corners Of Building								
	Paint Peeling, Extent : Moderate, Area Affected : 35%								
	Location : All Facades								
	Caulking Deteriorated, Extent : Moderate, Area Affected : 35%								
	Location : Base Of Building								
Windows									
	Fiberglass Panel	25%			2036	**	5	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Female Restoorm								
	Explanation : Component Actually Single Pane Safety Glass								
	Glass Block	70%			LIFE	**	5	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Perimeter Entire								
	Explanation : Protective Metal Grilles								
	Metal Louvers	5%			2037	**	10	\$100	
Roof									
	Not Accessible	100%							
Soffits									
	Pre-Cast Concrete	100%	0-2	\$1,500	LIFE	**	5	\$3,000	
	Other Observation, Extent : Light, Area Affected : 15%								
	Location : Underside Of Soffit								
	Explanation : Paint Peeling								
Interior									
Floors									
	Terrazzo	100%			LIFE	**	5	\$3,200	
Interior Walls									
	Concrete Masonry Unit	30%	0-2	\$700	LIFE	**	5	\$200	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Interior Walls								
	Masonry: Brick	70%			LIFE	**	10	\$400	
Ceilings									
	Exposed Concrete	100%			LIFE	**	5-10	\$2,600	
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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$1,500	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room					
				Explanation : Two 200 Amperes Main Disconnect Switch					
	Raceway								
	Conduit	100%			2028	\$3,700	1		
	Panelboards								
	Fused Disc Sw	5%			2027	\$400	5		
	Molded Case Bkrs	95%			2027	\$7,100	5		
	Wiring								
	Braided Cloth	50%	2-4	\$4,100	2053	* *	1		
				Insulation Aged, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
	Thermoplastic	50%			2028	\$4,100	1		
	Motor Controllers								
	Locally Mounted	100%			2026	\$7,200	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2033	* *	10	\$1,300	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : T-8 Lamps					
	Exterior Lighting								
	HID	100%			2023	\$5,200	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2033	* *	1		
	Water Heater								
	Electric	100%			2026	\$1,100	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$10,100		\$9,000	
Interior Architecture	\$8,200		\$1,300	\$1,200
Electrical	\$100			
Mechanical	\$1,000	\$100	\$300	\$100
Site Pavements	\$3,400			
<b>Total</b>	<b>\$22,700</b>	<b>\$100</b>	<b>\$10,700</b>	<b>\$1,300</b>
Importance Code A	\$10,200	\$100	\$9,200	\$100
Importance Code B	\$9,000		\$1,500	
Importance Code C	\$3,500			\$1,200
<b>Total</b>	<b>\$22,700</b>	<b>\$100</b>	<b>\$10,700</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**  
**FDR BOARDWALK AND BEACH OCEAN BREEZE COMFORT STATION**  
**Asset # : 13708**

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%	0-2	\$9,800	LIFE	* *	5	\$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Basement Door Opening And Corners Of Building									
	Metal Panel	10%			2048	* *	5-10	\$2,800	
	Weathering Steel	5%	Now	\$300	LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 5%									
Location : At Steel Column Connections									
Explanation : Corrosion / Rusting									
Windows									
	Glass Block	100%			LIFE	* *	5		
Roof									
	Metal Panel	100%			2041	* *	10	\$9,000	
Soffits									
	Metal Panel	75%			2048	* *	5-10		
	Wood	25%			2041	* *	5		
Interior									
Floors									
	Cast in Place Concrete	50%			LIFE	* *	5	\$7,500	
	Quarry Tile	50%			2041	* *	5	\$2,600	
Interior Walls									
	Cast in Place Concrete	20%			LIFE	* *	10	\$2,100	
	Cast Stone/Terra Cotta	5%			LIFE	* *	10	\$800	
	Ceramic Tile	55%			2037	* *	5	\$2,300	
	Concrete Masonry Unit	10%			LIFE	* *	5	\$300	
	Gypsum Board	10%			LIFE	* *	5-10	\$700	
Ceilings									
	Exposed Concrete	100%	Now	\$900	LIFE	* *	5	\$200	
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Basement Ceiling From Plumbing Pipes Above									
Site Enclosure									
Fence/Gates									
	Aluminum Picket	100%			2048	* *			
Retaining Walls									
	Cast in Place Concrete	100%			2063	* *			
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%	Now	\$3,400	2041	* *			
Spalling, Extent : Moderate, Area Affected : 25%									
Location : Boardwalk Level - Entry To Restrooms									

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

Under 600 Volts

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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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 OCEAN BREEZE COMFORT STATION**  
**Asset # : 13708**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2048	* *	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Elctrical Room								
	Explanation : One 100 Amperes Main Disconnect Switch								
	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		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2033	* *	10	\$1,900	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T-8 Lamps								
	Incandescent	10%			2033	* *	2		
	Exterior Lighting								
	HID	100%			2033	* *	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2048	* *	1		
	Conversion Equipment								
	Furnace	100%			2028	\$5,000	1	\$1,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : One Unit								
Air Conditioning									
	Energy Source								
	Electricity	100%			2044	* *	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,000	
	Exhaust Fans								
	Interior	100%			2033	* *	2	\$100	

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\*\* 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping Brass/Copper	100%			2054	* *	1		
	Water Heater Electric	100%			2023	\$1,900	4		
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Submersible	100%			2019	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,300		\$4,800	
Interior Architecture	\$2,400		\$400	
Electrical				
Mechanical				
Site Pavements	\$14,300			
<b>Total</b>	<b>\$23,000</b>		<b>\$5,200</b>	
Importance Code A	\$6,300		\$4,800	
Importance Code B	\$1,600		\$400	
Importance Code C	\$15,100			
<b>Total</b>	<b>\$23,000</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**  
**FDR BOARDWALK AND BEACH S. BEACH COMFORT STATION ZONE 1**  
**Asset # : 589**

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	90%	Now	\$4,200	LIFE	**	5	\$2,800	
		Caulking Deteriorated, Extent : Severe, Area Affected : 10%							
		Location : Base Of Building							
	Pre-Cast Concrete	8%			LIFE	**	5	\$1,600	
	Window Wall	2%			2048	**	5	\$200	
Windows									
	Steel	100%			2044	**	5	\$2,500	
Roof									
	Metal Panel	100%			2041	**	10	\$4,800	
Soffits									
	Metal Panel	100%			2048	**	5-10		
Interior									
Floors									
	Cast in Place Concrete	30%			LIFE	**	5	\$1,000	
	Quarry Tile	70%			2041	**	5	\$800	
Interior Walls									
	Concrete Masonry Unit	30%			LIFE	**	5	\$400	
	SGFT/Glazed Masonry	70%			LIFE	**	10	\$600	
Ceilings									
	Exposed Struc: Steel	30%			LIFE	**	10	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Mechanical Area							
		Explanation : This Component Is Actually Metal Decking							
	Plaster	70%			LIFE	**	5-10	\$900	
Site Pavements									
On-Site Walkways									
	Cast in Place Concrete	100%	Now	\$14,300	2048	**			
		Sinking/Subsiding, Extent : Moderate, Area Affected : 100%							
		Location : Perimter Of Facility							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2038	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Janitor Room							
		Explanation : One 100 Amperes Main Disconnect Switch							
	Raceway								
	Conduit	100%			2038	**	1		
	Panelboards								
	Molded Case Bkrs	100%			2036	**	5		
	Wiring								
	Thermoplastic	100%			2038	**	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**  
**FDR BOARDWALK AND BEACH S. BEACH COMFORT STATION ZONE 1**  
**Asset # : 589**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2033	* *	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2028	\$1,100	10	\$500	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T-8 Lamps								
	Exterior Lighting								
	HID	100%			2028	\$1,900	10		
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2048	* *	1		
	Conversion Equipment								
	Furnace	20%			2028	\$200	1	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Mechanical Room								
	Explanation : One Unit								
	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%							
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Bathrooms								
	Explanation : Stainless Steel								

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,300			
Electrical				
Mechanical	\$1,000	\$100	\$300	\$100
Site Pavements	\$1,200			
<b>Total</b>	<b>\$10,500</b>	<b>\$100</b>	<b>\$300</b>	<b>\$100</b>
Importance Code A	\$8,400	\$100	\$100	\$100
Importance Code B	\$900		\$200	
Importance Code C	\$1,200			
<b>Total</b>	<b>\$10,500</b>	<b>\$100</b>	<b>\$300</b>	<b>\$100</b>



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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH S. BEACH CONCESSION- BWLK GRILL**  
**Asset # : 590**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Exterior									
	Exterior Walls								
	Masonry: Brick	88%	0-2	\$7,700	LIFE	* *	5	\$5,100	
		Caulking Deteriorated, Extent : Light, Area Affected : 10%							
		Location : Base Of Building At Boardwalk							
		Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
		Location : North Facade At Window Openings							
	Metal Coiling Doors	10%			2033	* *	5	\$1,800	
	Slate Panels	2%			LIFE	* *	5	\$200	
Windows									
	Aluminum	100%	0-2	\$500	2036	* *	5	\$100	
		Corrosion/Rusting, Extent : Light, Area Affected : 50%							
		Location : Protective Metal Grilles							
Roof									
	Not Accessible	100%							
Soffits									
	Cast in Place Concrete	100%			LIFE	* *	5		
Interior									
	Floors								
	Not Accessible	100%							
	Interior Walls								
	Not Accessible	100%							
	Ceilings								
	Not Accessible	100%							
Site Enclosure									
	Fence/Gates								
	Aluminum Picket	100%			2048	* *			
Site Pavements									
	On-Site Walkways								
	Cast in Place Concrete	50%	0-2	\$1,200	2033	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Boardwalk Level							
	Pavers/Stone	50%			2031	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boardwalk Level							
		Explanation : This Component Actually Slatted Wood							

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Over 600 Volts									
	Service Equipment								
	Not Accessible	100%							
	Transformers								
	Not Accessible	100%							
	Switchgear / Switchboard								
	Not Accessible	100%							

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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>Electrical</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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Over 600 Volts								
	Feeders							
	Not Accessible	100%						
	Raceway							
	Not Accessible	100%						
Under 600 Volts								
	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%						
Ground								
	Grounding Devices							
	Not Accessible	100%						
Stand-by Power								
	Transfer Switches							
	Not Accessible	100%						
	Generators							
	Not Accessible	100%						
	Batteries							
	Not Accessible	100%						
	Fuel Storage							
	Not Accessible	100%						
Lighting								
	Interior Lighting							
	Not Accessible	100%						
	Egress Lighting							
	Not Accessible	100%						
	Exterior Lighting							
	HID	100%		2028	\$10,300	10		
Lightning Protection								
	Arresters/Cabling							
	Not Accessible	100%						
Alarm								
	Security System							
	Not Accessible	100%						
	Fire/Smoke Detection							
	Not Accessible	100%						

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

Estimates are rounded to the nearest hundred dollars.

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2048	**	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : No Access - Keep Data From Previous Survey							
	Conversion Equipment								
	Furnace	100%			2028	\$6,000	1	\$1,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : One Unit							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$2,400	
Air Conditioning									
	Energy Source								
	Electricity	100%			2044	**	1		
	Conversion Equipment								
	Window/Wall Unit	20%			2023	\$1,100	1		
	No Component	80%							
Ventilation									
	Exhaust Fans								
	Roof	20%			2036	**	2		
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2048	**	1		
	Galvanized Steel	70%			2033	**	1		
	Water Heater								
	Electric	100%			2026	\$2,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$40,300
Site Pavements	\$51,300	
<b>Total</b>	<b>\$51,300</b>	<b>\$40,300</b>
Importance Code A		\$40,300
Importance Code C	\$51,300	
<b>Total</b>	<b>\$51,300</b>	<b>\$40,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,600			
Interior Architecture	\$7,400			\$3,100
Electrical	\$200			
Mechanical	\$500	\$100	\$200	\$100
Site Enclosure				
<b>Total</b>	<b>\$32,700</b>	<b>\$100</b>	<b>\$200</b>	<b>\$3,200</b>
Importance Code A	\$24,600	\$100	\$100	\$100
Importance Code B	\$7,100		\$100	\$100
Importance Code C	\$1,000			\$3,100
<b>Total</b>	<b>\$32,700</b>	<b>\$100</b>	<b>\$200</b>	<b>\$3,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

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								
	Stucco Cement	50%	0-2	\$22,000	2033	**	5	\$9,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : At Door Openings And Base Of Bulding							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
		Location : Base Of Building							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior Envelope							
		Explanation : Component Actually Cementitious Panels With Stel Supports							
	Not Accessible	50%							
Windows									
	Glass Block	45%			LIFE	**	5	\$1,100	
	Metal Louvers	5%			2037	**	10	\$600	
	Not Accessible	50%							
Parapets									
	No Component	50%							
	Not Accessible	50%							
Roof									
	Roll Roofing	50%	Now	\$2,000	2027	\$40,300	5	\$8,200	
		Water Penetration, Extent : Severe, Area Affected : 5%							
		Location : At Central Roof Drain							
	Not Accessible	50%							
Interior									
	Floors								
	Cast in Place Concrete	5%	0-2	\$300	LIFE	**	5	\$1,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Mechanical Rooms							
	Terrazzo	45%			LIFE	**	5	\$7,200	
	Not Accessible	50%							
Interior Walls									
	Ceramic Tile	35%			2037	**	5	\$6,100	
	Concrete Masonry Unit	5%			LIFE	**	5	\$700	
	Glass Block	5%			LIFE	**	10	\$400	
	Masonry: Brick	5%			LIFE	**	10	\$300	
	Not Accessible	50%							
Ceilings									
	Gypsum Board	50%	4+	\$2,600	LIFE	**	5	\$6,400	
		Loose/Delam Surface, Extent : Light, Area Affected : 5%							
		Location : Male And Female Bathrooms							
	Not Accessible	50%							
Site Enclosure									

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**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	50%	Now		2063		* *		
			Cracking/Crumbling, Extent : Light, Area Affected : 15%					
			Location : At Base Of Wall					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Adjacent To Entrance To Female Restroom					
			Explanation : Component Has Decorative Inlay					
Not Accessible	50%							
Site Pavements								
Public Sidewalk								
Pavers/Stone	50%			2037		* *		
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Throughout					
			Explanation : Component Actually Slatted Wood					
Not Accessible	50%							
On-Site Walkways								
Cast in Place Concrete	50%	Now	\$51,300	2033		* *		
			Broken/Missing Elements, Extent : Severe, Area Affected : 30%					
			Location : Ramps To Door Thresholds In Severe Disrepair - Temporary Metal Platforms Rusted Through					
Not Accessible	50%							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
Molded Case Bkrs		100%			2028	\$1,500	5	\$200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 100 Amperes Main Disconnect Switch									
Raceway									
Conduit		100%			2028	\$3,700	1		
Panelboards									
Fused Disc Sw		5%			2027	\$400	5		
Molded Case Bkrs		50%			2027	\$3,700	5	\$100	
Molded Case Bkrs		45%			2044	* *	5	\$100	
Wiring									
Thermoplastic		60%			2028	\$4,900	1		
Thermoplastic		40%			2048	* *	1		
Motor Controllers									
Locally Mounted		100%			2026	\$7,200	5		
Ground									
Grounding Devices									
Generic		100%			LIFE	* *	5	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**FDR BOARDWALK AND BEACH SOUTH BEACH BATH HOUSES**  
**Asset # : 587**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	100%			2033	* *	10	\$6,300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Office									
Explanation : T-8 Lamps									
	Exterior Lighting								
	HID	100%			2023	\$25,900	10		
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2038	* *	1		
	Conversion Equipment								
	Furnace	20%			2033	* *	1	\$700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Mechanical Room									
Explanation : One Unit									
	No Component	80%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2044	* *	1		
	Conversion Equipment								
	Window/Wall Unit	50%			2023	\$6,700	1		
	No Component	50%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	20%			LIFE	* *	2-5	\$1,200	
	No Component	80%							
	Exhaust Fans								
	Roof	50%			2028	\$5,300	2	\$100	
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2048	* *	1		
	Galvanized Steel	50%			2041	* *	1		
	Water Heater								
	Electric	20%			2023	\$1,100	4		
	Gas Fired	80%			2023	\$3,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 : 16-Sep-2013 Landmark Status : NONE  
Areas Surveyed : Roof, Floors 1  
Block : 1819 Lot : 203 BIN :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Mechanical	\$83,100	\$43,100
<b>Total</b>	<b>\$83,100</b>	<b>\$43,100</b>
Importance Code A	\$83,100	
Importance Code B		\$43,100
<b>Total</b>	<b>\$83,100</b>	<b>\$43,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,100	\$6,400		
Interior Architecture				
Electrical		\$14,100		
Mechanical	\$4,400	\$5,800	\$600	\$400
<b>Total</b>	<b>\$29,500</b>	<b>\$26,300</b>	<b>\$600</b>	<b>\$400</b>
Importance Code A	\$25,100	\$6,700	\$300	\$300
Importance Code B	\$4,400	\$19,600	\$300	\$100
<b>Total</b>	<b>\$29,500</b>	<b>\$26,300</b>	<b>\$600</b>	<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE BOILER HOUSE**  
**Asset # : 919**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$2,000	LIFE	* *	5	\$900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Northeast Corner								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	Now	\$18,200	LIFE	* *	5	\$3,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Smoke Stack								
Metal Coiling Doors	10%			2030	* *	5	\$1,100	
Windows								
Steel	100%	Now	\$4,800	2050	* *	5	\$600	
Bent/Warped Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Masonry: Brick	100%			LIFE	* *	5	\$1,000	
Roof								
Modified Bitumen	100%			2030	* *	10	\$5,800	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$8,900	
Interior Walls								
Masonry: Brick	100%			LIFE	* *			
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	\$600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2035	* *	5			
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Boiler Room									
Explanation : Main Service Switch Rated @ 200 Amperes									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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 BOILER HOUSE**  
**Asset # : 919**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Transformers								
	Dry Type	100%			2030	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 75 Kva, 480/208/120 Volts							
	Raceway								
	Conduit	100%			2025	\$5,400	1		
	Panelboards								
	Molded Case Bkrs	100%			2033	* *	5	\$100	
	Wiring								
	Thermoplastic	100%			2035	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5		
Lighting									
	Interior Lighting								
	Fluorescent	20%			2020	\$5,500	10	\$500	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
	HID	80%			2020		10	\$100	
	Egress Lighting								
	Emergency, Battery	50%			2033	* *	10	\$300	
	Exit, Service	50%			2033	* *	1		
	Exterior Lighting								
	Incandescent	100%			2020	\$8,000	2		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2025	\$5,000	5	\$800	
	Conversion Equipment								
	Steam Boiler	100%	0-2	\$83,100	2045	* *	1	\$2,400	
		Not in Service, Extent : Severe, Area Affected : 30%							
		Location : #2 Boiler							
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Boiler Room							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler House							
		Explanation : 3 Units							
	Distribution								
	Central Plant Steam Piping/Pmp	100%	Now	\$4,300	2025	\$43,100	4	\$100	
		Leak Evident, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							

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

**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE BOILER HOUSE**  
**Asset # : 919**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convactor/Radiator	50%			2023	\$6,800	1	\$400	
	Fan Coil Unit/Heat	50%			2025	\$19,100	1	\$400	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$1,500	
	Exhaust Fans								
	Interior	50%			2020	\$4,500	2		
		Not in Service, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Wall Unit	50%			2020	\$500	2		
Plumbing									
	H/C Water Piping								
	Brass/Copper	10%			2035	* *	1		
	Galvanized Steel	90%			2023	\$10,100	1		
	Water Heater								
	Electric	100%			2024	\$2,200	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 16-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$475,100	\$211,400
Interior Architecture	\$35,600	\$278,200
Electrical	\$73,000	\$1,678,200
Mechanical		\$469,600
<b>Total</b>	<b>\$583,700</b>	<b>\$2,637,400</b>
Importance Code A	\$475,100	\$211,400
Importance Code B	\$108,600	\$2,426,000
<b>Total</b>	<b>\$583,700</b>	<b>\$2,637,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture		\$7,300	\$700	
Interior Architecture	\$21,800		\$218,900	\$1,800
Electrical	\$16,400	\$14,300	\$11,800	\$13,400
Mechanical	\$10,900	\$17,100	\$18,400	\$7,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$53,000</b>	<b>\$42,600</b>	<b>\$253,700</b>	<b>\$26,600</b>
Importance Code A	\$700	\$9,100	\$1,400	\$700
Importance Code B	\$51,200	\$33,600	\$252,300	\$25,900
Importance Code C	\$1,100			
<b>Total</b>	<b>\$53,000</b>	<b>\$42,600</b>	<b>\$253,700</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**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**  
**Asset # : 4162**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	85%	Now	\$330,200	LIFE	**	5	\$109,600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Courtyard								
	Misaligned/Bulging, Extent : Light, Area Affected : 5%								
	Location : Courtyard								
	Vertical Cracks, Extent : Moderate, Area Affected : 5%								
	Location : East Exit								
	Metal Coiling Doors	10%			2038	**	5	\$40,300	
	Pre-Cast Concrete	2%			LIFE	**	5	\$8,400	
	Window Wall	3%			2045	**	5	\$14,500	
Windows									
	Aluminum	100%	Now	\$144,900	2041	**	5	\$8,700	
	Hardware Missing, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Parapets									
	Masonry: Brick	90%			LIFE	**	5	\$6,200	
	Metal Panel	5%			2051	**	5	\$1,300	
	Metal Rail	5%			2038	**	5-10	\$6,200	
Roof									
	Modified Bitumen	25%			2033	**	10	\$26,200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Courtyard								
	Explanation : Green Roof								
	Modified Bitumen	72%			2033	**	10	\$75,600	
	Other Observation, Extent : Moderate, Area Affected : 25%								
	Location : Sections Over Second And Garage Floors								
	Explanation : Green Roof								
	Skylight, Metal/Glass	3%			2045	**	10	\$10,500	
Interior									
Floors									
	Carpet	15%			2021	\$210,600	3	\$24,800	
	Cast in Place Concrete	65%			LIFE	**	5	\$156,600	
	Ceramic Tile	2%			2034	**	5	\$2,200	
	Quarry Tile	5%			2038	**	5	\$8,300	
	Vinyl Tile	13%			2025	\$121,600	3	\$7,200	
Interior Walls									
	Ceramic Tile	5%			2034	**	5	\$2,200	
	Concrete Masonry Unit	70%			LIFE	**	5	\$12,500	
	Gypsum Board	25%			LIFE	**	5	\$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**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**  
**Asset # : 4162**

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

## Interior

## Ceilings

AcousTileConcealSpLn 10% Now \$17,800 2038 \* \* 5 \$6,900

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

AcousTileSusp.Lay-In 20% Now \$35,600 2038 \* \* 5 \$11,000

*Broken/Missing Elements, Extent : Severe, Area Affected : 15%*  
*Location : Second Floor Offices*  
*Staining/Discoloring, Extent : Light, Area Affected : 25%*  
*Location : Second Floor Offices*

Exposed Struc: Steel 60% LIFE \* \*  
 Gypsum Board 5% LIFE \* \* 5 \$6,900  
 Metal Panel 5% LIFE \* \* 5 \$6,900

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

## Under 600 Volts

## Service Equipment

Molded Case Bkrs 100% 2035 \* \* 5 \$2,200

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Electrical Room*  
*Explanation : Main Service Protector Rated @ 1200 Amperes*

## Transformers

Dry Type 100% 2030 \* \* 5 \$300

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Mechanical Room*  
*Explanation : 225 Kva, 480/208/120 Volts*

## Switchgear / Switchboard

Fused Disc Sw 100% 2035 \* \* 5 \$400

## Raceway

Conduit 100% 2035 \* \* 1

## Panelboards

Fused Disc Sw 5% 2033 \* \* 5 \$100

Molded Case Bkrs 95% 2033 \* \* 5 \$2,100

## Wiring

Thermoplastic 100% 2035 \* \* 1

## Motor Controllers

Locally Mounted 5% 2030 \* \* 5

Motor Control Center 95% 2030 \* \* 5 \$2,100

## Ground

## Grounding Devices

Generic 100% LIFE \* \* 5 \$1,200

## Stand-by Power

## Transfer Switches

Automatic 100% 2030 \* \* 1 \$25,300

*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.*



**DEPT. OF PARKS & RECREATION - 846**  
**FIVE BORO GARAGE CITY-WIDE FIVE BORO GARAGE**  
**Asset # : 4162**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
Generators									
	Diesel	100%			2021	\$73,000	1	\$31,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : One 37.5 Kva Stamford Genset</i>									
Batteries									
	Lead/Acid	100%			2019	\$1,500	5	\$3,000	
Fuel Storage									
	Day Tank	50%			2033	* *	5	\$6,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : No Available Nameplate Rating Capacity</i>									
	Underground Storage	50%			LIFE	* *	5	\$2,300	
Lighting									
Interior Lighting									
	Fluorescent	55%			2025	\$88,500	10	\$37,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout The Building</i>									
	HID	45%			2025	\$270,200	10	\$1,100	
Egress Lighting									
	Emergency, Service	50%			2025	\$18,100	1		
	Exit, Service	50%			2025	\$9,900	1		
Exterior Lighting									
	HID	100%			2025	\$309,500	10	\$300	
Alarm									
Security System									
	No Component	50%							
	Generic	50%			2025	\$124,000	1	\$15,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Outside</i>									
<i>Explanation : C C T V Surveillance Cameras</i>									
Fire/Smoke Detection									
	Generic, Digital	100%			2025	\$848,900	1-3	\$52,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout The Building</i>									
<i>Explanation : Alarm Bells And Manual Pull Station</i>									

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

Heating

*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 CITY-WIDE FIVE BORO GARAGE**  
**Asset # : 4162**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Plant Campus Steam / PRV	100%	Now	\$1,400	2055	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Intermittent Steam Supply Due To Poor Condition Of Boiler Plant								
Conversion Equipment									
	Heat Exchanger, Plate & Frame	20%			2028	\$19,800	1	\$7,300	
	No Component	80%							
Distribution									
	Hot Wtr Piping/Pump	20%			2041	* *	4	\$700	
	Central Plant Steam Piping/Pmp	80%			2045	* *	4	\$2,900	
Terminal Devices									
	Air Handler	65%			2025	\$125,800	1	\$29,600	
	Convactor/Radiator	20%			2030	* *	1	\$4,800	
	Fan Coil Unit/Heat	15%			2025	\$30,900	1	\$3,600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	* *	1		
Conversion Equipment									
	Ext Pkg Unit - Heating/Cooling	20%			2025	\$172,300	2	\$900	
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$41,000	
Exhaust Fans									
	Roof	100%			2025	\$114,300	2	\$2,300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
Water Heater									
	Oil Fired	100%			2023	\$57,100	1	\$2,100	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Floors 1-2								
	Explanation : One Unit								

*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**  
**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>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>Priority</b>
Fire Suppression								
	Standpipe							
	Generic	100%		2045	* *	1-5	\$37,100	
	Sprinkler							
	Generic	100%		2045	* *	1-2	\$20,600	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$445,200	\$428,300
Interior Architecture	\$1,006,200	\$148,800
Electrical		\$80,700
Mechanical	\$128,000	\$62,700
<b>Total</b>	<b>\$1,579,300</b>	<b>\$720,600</b>
Importance Code A	\$445,200	\$428,300
Importance Code B	\$918,200	\$292,300
Importance Code C	\$216,000	
<b>Total</b>	<b>\$1,579,300</b>	<b>\$720,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$70,800		\$3,800	\$13,700
Interior Architecture	\$82,900			
Electrical	\$26,000	\$10,900	\$15,000	\$10,700
Mechanical	\$37,300	\$23,900	\$56,200	\$21,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$220,900</b>	<b>\$38,700</b>	<b>\$78,900</b>	<b>\$49,400</b>
Importance Code A	\$76,200	\$5,400	\$9,400	\$19,100
Importance Code B	\$130,200	\$33,300	\$69,600	\$30,300
Importance Code C	\$14,500			
<b>Total</b>	<b>\$220,900</b>	<b>\$38,700</b>	<b>\$78,900</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**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Exterior									
Exterior Walls									
	Concrete Masonry Unit	3%			LIFE	**	5	\$4,600	
	Fiberglass Panel	6%			2037	**	5	\$27,300	
	Glass: Special Gauge	8%	Now	\$49,000	LIFE	**	1		
	Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
	Location : Throughout								
	Metal Sect. OHD	2%			2041	**	5	\$7,600	
	Pre-Cast Concrete	75%			LIFE	**	5	\$592,100	
	Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
	Location : North Facade								
	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	**	10	\$9,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Outside Pool								
	Explanation : No Access								
	Modified Bitumen	22%	Now	\$3,000	2033	**			
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 2%								
	Location : Northwest Corner Of Roof								
	Panel/Paver: Cer/Brk	3%			2048	**	10	\$4,700	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Mod Bit Roof								
	Explanation : Walking Pads								
	Single Ply Membrane	70%			2036	**	10	\$82,500	
	Repairs in Progress, Extent : N/A, Area Affected : 50%								
	Location : Main Roof								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Soffits								
Cast in Place Concrete	30%	Now	\$28,000	LIFE	**	5	\$49,800	
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Outdoor Pool Space, South Facade							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Calcium Deposits, Outdoor Pool Space, South Facade							
Cement-Fiber Panel	5%	Now	\$2,300	2033	**			
	Broken/Missing Elements, Extent : Severe, Area Affected : 15%							
	Location : Cooling Tower							
	Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
	Location : Cooling Tower							
Metal Panel	42%	Now	\$100,100	2058	**	5	\$26,100	
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%							
	Location : Main Entrance, Soffit Missing							
Pre-Cast Concrete	23%			LIFE	**	5	\$49,600	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$267,900	
Cast in Place Concrete	5%	0-2	\$17,700	LIFE	**	5	\$14,900	
	Worn/Eroded, Extent : Moderate, Area Affected : 5%							
	Location : Main Lobby Stairs							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Lobby							
	Explanation : Concrete Floor With An Epoxy Finish							
Ceramic Tile	25%	Now	\$13,200	2037	**	5	\$17,000	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 2%							
	Location : Pool Deck							
	Ponding, Extent : Moderate, Area Affected : 25%							
	Location : Pool Deck							
Sheet Vinyl/Rubber	25%	Now	\$100,800	2033	**	5	\$25,500	
	Misaligned/Bulging, Extent : Severe, Area Affected : 15%							
	Location : Ice Rink Area							
	Seams Open/Split, Extent : Severe, Area Affected : 10%							
	Location : Ice Rink Area							
	Uneven Substrate, Extent : Moderate, Area Affected : 15%							
	Location : Ice Rink Area							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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	\$216,000	LIFE	**				
Efflorescence, Extent : Severe, Area Affected : 20%									
Location : Pool Access Tunnel, Mechanical Rooms, Adjacent Pool									
Staining/Discoloring, Extent : Moderate, Area Affected : 10%									
Location : Pool Access Tunnel, Mechanical Rooms, Adjacent Pool									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Pool Access Tunnel, Mechanical Rooms, Adjacent Pool									
Concrete Masonry Unit	25%	2-4	\$2,800	LIFE	**	5	\$2,500		
Diagonal Cracks, Extent : Moderate, Area Affected : 2%									
Location : Ac-1 Room									
Glass: Single Pane	5%			LIFE	**	5	\$1,900		
Gypsum Board	15%	Now	\$9,400	LIFE	**	5	\$2,300		
Loose/Delam Surface, Extent : Moderate, Area Affected : 15%									
Location : Ice Rink									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Ice Rink, Lobby									
Plaster	5%			LIFE	**	5-10	\$1,100		
SGFT/Glazed Masonry	5%			LIFE	**	10	\$600		
Ceilings									
AcousTileConcealSpLn	5%	Now	\$33,000	2045	**	5	\$4,300		
Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%									
Location : Third Floor Pool Lookout									
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Third Floor Pool Lookout									
Explanation : Clips Are Severly Corroding Due To Chlorine Moisture And Falling									
AcousTileSusp.Lay-In	2%	Now	\$400	2041	**	5	\$1,400		
Water Penetration, Extent : Moderate, Area Affected : 2%									
Location : Ice Rink Concession Stand									
Exposed Concrete	57%	Now	\$498,300	LIFE	**	5	\$12,100		
Diagonal Cracks, Extent : Moderate, Area Affected : 15%									
Location : Pool Access Tunnel, Mechanical Spaces Below Pool									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Pool Access Tunnel, Mechanical Spaces Below Pool									
Other Observation, Extent : Severe, Area Affected : 20%									
Location : Pool Access Tunnel, Mechanical Spaces Below Pool									
Explanation : Severe Mineral Buildup From Pool Water Chemicals. Severly Corroding Pipes Below Leaks									
Exposed Struc: Steel	21%			LIFE	**	10	\$57,200		
Gypsum Board	15%	Now	\$4,100	LIFE	**	5	\$25,500		
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%									
Location : Throughout First Floor									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Throughout First Floor									

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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Over 600 Volts

## Service Equipment

Air Circuit Breaker

100%

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

\$600

*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			
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	\$3,200	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2041	**	1	\$33,800	
Generators									
	Diesel	100%			2037	**	1	\$42,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room Outside									
Explanation : One 405 Kw									
Batteries									
	Nickel Cadmium	100%			2023	\$1,500	5	\$24,500	
Fuel Storage									
	Main Tank	100%			2056	**	5	\$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room									
Explanation : One 275 Gallons									
Lighting									
Interior Lighting									
	Fluorescent	10%			2033	**	10	\$10,100	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Fluorescent	65%			2033	**	10	\$65,600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Fluorescent	5%			2033	**	10	\$5,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	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		

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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Lighting

## Exterior Lighting

HID

100%

2033

\* \*

10

\$300

## Lightning Protection

## Arresters/Cabling

Generic

100%

2056

\* \*

5

\$3,200

## 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

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

## Heating

## Energy Source

Natural Gas

100%

2048

\* \*

1

## 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

## 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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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Conversion Equipment									
	Centrifugal, Elec Chiller	35%			2037	* *	1	\$41,700	
				R-22 Refrigerant, Extent : Light, Area Affected : 100%					
				Location : 2 Chillers, Chiller Room					
	Int Pkg Unit - Heating/Cooling	30%			2029	* *	2	\$2,000	
				R-22 Refrigerant, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room, 2nd Floor					
	Ext Pkg Unit - Heating/Cooling	35%			2033	* *	2	\$2,400	
				R-22 Refrigerant, Extent : Light, Area Affected : 100%					
				Location : Roof					
Terminal Devices									
	Air Handler/Dir Expansion	5%			2033	* *	1		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Ceiling Mounted At The Ice Skating Rink					
				Explanation : 2 Units					
	No Component	95%							
				Other Observation, Extent : Light, Area Affected : 0%					
				Location : Mechanical Room And Roof					
				Explanation : Air Handlers Are Part Of The A C System					
Heat Rejection									
	Air Cooled Condenser Unit	5%			2033	* *	2	\$3,800	
	Water Cooling Tower	35%			2029	* *	2	\$38,700	
	No Component	60%							
Dehumidifier									
	Generic	100%			2029	* *			
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$97,100	
Exhaust Fans									
	Roof	5%			2033	* *	2	\$200	
	No Component	95%							
				Other Observation, Extent : Light, Area Affected : 0%					
				Location : Mechanical Room On 2nd Floor, And Roof					
				Explanation : Ventilation Is Provided Through The A C System					
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2048	* *	1		
Water Heater									
	Gas Fired	100%			2023	\$62,700	2	\$1,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room					
				Explanation : 2 Units					

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOW CORONA PARK AQUATIC CENTER - POOL AND RINK**  
**Asset # : 14651**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2033	* *	4	\$2,300	
	Pool Filter/Treatment								
	Sand	100%			2041	* *	4	\$27,200	
	Backflow Preventer								
	Generic	100%			2033	* *	1	\$6,700	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st. To 3rd Floor								
	Explanation : One Unit								
Fire Suppression									
	Sprinkler								
	Generic	100%	Now	\$100,700	2048	* *	1-2	\$26,700	
	Corroded, Extent : Severe, Area Affected : 100%								
	Location : Pool Access Tunnel								
	Leak Evident, Extent : Severe, Area Affected : 100%								
	Location : Fire Pump Room								
	Fire Pump								
	Generic	100%			2037	* *	1	\$20,500	
	Chemical System								
	Dry	20%			2026	\$400	1-3	\$700	
	No Component	80%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$39,100	\$39,100
Interior Architecture	\$478,600	\$270,600
Electrical		\$47,200
Mechanical		\$42,400
<b>Total</b>	<b>\$517,600</b>	<b>\$399,300</b>
Importance Code A	\$39,100	\$39,100
Importance Code B	\$208,000	\$89,600
Importance Code C	\$270,600	\$270,600
<b>Total</b>	<b>\$517,600</b>	<b>\$399,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$60,800		\$18,800	
Interior Architecture	\$100,500	\$17,000	\$200	\$2,800
Electrical	\$5,800	\$6,200	\$5,800	\$4,800
Mechanical	\$54,500	\$10,400	\$12,300	\$8,800
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$233,400</b>	<b>\$45,400</b>	<b>\$48,900</b>	<b>\$28,300</b>
Importance Code A	\$63,400	\$2,500	\$21,300	\$2,500
Importance Code B	\$130,500	\$42,900	\$27,600	\$24,000
Importance Code C	\$39,500			\$1,700
<b>Total</b>	<b>\$233,400</b>	<b>\$45,400</b>	<b>\$48,900</b>	<b>\$28,300</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	75%			LIFE	**	5	\$78,100	
	Masonry: Limestone	10%			LIFE	**	5	\$7,800	
	Metal, Corrugated	5%			2048	**	1		
	Metal Panel	3%			2048	**	5-10	\$10,700	
	Metal Sect. OHD	2%	Now	\$16,200	2041	**	5	\$1,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Granite Panels	5%			LIFE	**	5	\$3,900	
Windows									
	Aluminum	80%			2044	**	5	\$7,900	
	Glass Block	10%			LIFE	**	5	\$1,200	
	Metal Louvers	10%			2037	**	10	\$6,200	
Parapets									
	Cast Stone/Terra Cotta	2%			LIFE	**	5-10	\$2,900	
	Masonry: Brick	8%			LIFE	**	5-10	\$2,800	
	No Component	90%							
Roof									
	Built-Up (BUR)	10%	0-2	\$2,300	2033	**			
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Clay Tile	80%	0-2	\$27,300	2048	**			
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Metal Panel	10%			2041	**	10	\$18,800	
Interior									
Floors									
	Cast in Place Concrete	10%	0-2	\$4,000	LIFE	**	5	\$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Ceramic Tile	3%			2037	**	5	\$2,300	
	Marble Panels	50%	Now	\$55,700	LIFE	**	5	\$28,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Sheet Vinyl/Rubber	5%			2033	**	5	\$5,800	
	Vinyl Tile	2%			2033	**	3	\$600	
	Wood	30%	Now	\$152,200	2056	**	5	\$21,700	
Deflection Evident, Extent : Severe, Area Affected : 10%									
Location : Throughout									
Misaligned/Bulging, Extent : Severe, Area Affected : 20%									
Location : Throughout									

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK AL OERTER RECREATION CENTER**  
**Asset # : 14712**

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

**Interior**

**Interior Walls**

Cast in Place Concrete	5%			LIFE		**	10	\$14,100	
Ceramic Tile	3%			2037		**	5	\$3,400	
Concrete Masonry Unit	15%			LIFE		**	5	\$13,500	
Glass: Special Gauge	2%			LIFE		**	1		
Gypsum Board	15%			LIFE		**	5-10	\$28,800	
Wood	60%			LIFE		**	5	\$541,200	

**Ceilings**

AcousTileSusp.Lay-In	50%			2045		**	5	\$34,000	
Exposed Concrete	20%			LIFE		**	5-10	\$17,000	
Exposed Struc: Steel	20%			LIFE		**	10	\$27,200	
Gypsum Board	10%			LIFE		**	5-10	\$23,400	

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

**Under 600 Volts**

**Service Equipment**

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	\$1,500	
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**Stand-by Power**

**Transfer Switches**

Under Construction	100%								
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**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>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Stand-by Power</b>								
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	
<b>Lightning Protection</b>								
Arresters/Cabling								
Generic	100%			2063	**	5	\$1,500	
<b>Alarm</b>								
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>System Component Type</b>	<b>% of Total</b>	<b>Fail 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%			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.  
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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 AL OERTER RECREATION CENTER**  
**Asset # : 14712**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2045	**	1	\$25,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 4 Units. No Access Because The Equipments Are In The DEP Building.								
	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	
Air Conditioning									
	Energy Source								
	Electricity	100%			2050	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%	Now	\$30,100	2033	**	2	\$2,500	
	Malfunctioning, Extent : Moderate, Area Affected : 5%								
	Location : AC Units On The Roof								
	R-22 Refrigerant, Extent : Light, Area Affected : 100%								
	Location : AC Units On The Roof								
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$45,400	
	Exhaust Fans								
	Roof	5%			2036	**	2	\$100	
	No Component	95%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Package Units On The Roof								
	Explanation : Ventilation Is Part Of The A C System								
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2054	**	1		
	Water Heater								
	Electric	100%			2026	\$42,400	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	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : No Access To Survey								
	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)	
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 Is 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	\$400	1-3	\$700
	No Component	80%						

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 18-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4  
**Block** : 2018 **Lot** : 1 **BIN** : 4467715

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$411,200	\$1,323,600
Interior Architecture	\$132,800	\$529,600
Electrical	\$277,900	\$2,030,100
Mechanical		\$820,000
<b>Total</b>	<b>\$821,800</b>	<b>\$4,703,400</b>
Importance Code A	\$411,200	\$1,611,600
Importance Code B	\$410,700	\$3,091,800
<b>Total</b>	<b>\$821,800</b>	<b>\$4,703,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$52,000	\$22,100	\$10,400	
Interior Architecture	\$34,900	\$10,000	\$18,000	
Electrical	\$24,300	\$46,000	\$22,400	\$18,900
Mechanical	\$49,700	\$87,600	\$62,800	\$59,500
Elevators/Escalators	\$59,600	\$59,600	\$59,600	\$59,600
<b>Total</b>	<b>\$220,500</b>	<b>\$225,300</b>	<b>\$173,200</b>	<b>\$138,000</b>
Importance Code A	\$62,500	\$33,100	\$20,900	\$10,600
Importance Code B	\$150,100	\$192,200	\$152,300	\$127,400
Importance Code C	\$7,800			
<b>Total</b>	<b>\$220,500</b>	<b>\$225,300</b>	<b>\$173,200</b>	<b>\$138,000</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	\$108,800	LIFE	**	5	\$193,300		
		Recent Repair Evident, Extent : Light, Area Affected : 10%								
		Location : Recent Spall Repair Throughout								
		Staining/Discoloring, Extent : Light, Area Affected : 10%								
		Location : Throughout								
	Cast in Place Concrete	12%			LIFE	**	5	\$116,000		
	Cement-Fiber Panel	5%	Now	\$1,400	2030	**				
		Broken/Missing Elements, Extent : Light, Area Affected : 1%								
		Location : Concrete Column Cover On 2nd Floor								
	Masonry: Brick	25%			LIFE	**	5	\$48,300		
		Misaligned/Bulging, Extent : Light, Area Affected : 2%								
		Location : Throughout								
		Other Observation, Extent : Light, Area Affected : 100%								
		Location : Throughout								
		Explanation : Brick Appears To Be Part Of A P C C Assembly								
	Metal Panel	15%			2045	**	5-10	\$199,300		
	Metal Coiling Doors	5%	0-2	\$27,400	2038	**	5	\$15,100		
		Corrosion/Rusting, Extent : Light, Area Affected : 30%								
		Location : Throughout First Floor Service Areas And Fourth Floor Concessions.								
	Weathering Steel	15%			LIFE	**	1			
	Window Wall	3%			2045	**	5	\$21,700		
Windows										
	Aluminum	25%			2041	**	5	\$20,700		
	Metal Louvers	75%			2034	**	10	\$388,100		
Parapets										
	Cast in Place Concrete	30%	Now	\$55,100	LIFE	**	5	\$179,200		
		Cracking/Crumbling, Extent : Light, Area Affected : 20%								
		Location : Throughout								
	Metal Panel	10%			2045	**	5	\$22,400		
	Metal Rail	40%	Now	\$61,600	2038	**	5	\$164,300		
		Corrosion/Rusting, Extent : Light, Area Affected : 15%								
		Location : Various Locations On The Promenade Level.								
	Metal: Cage/Fence	20%			2038	**	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		
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	88%	Now	\$131,300	LIFE	* *			
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 80%								
	Location : Throughout								
	Recent Replace Evident, Extent : Light, Area Affected : 20%								
	Location : Traffic Coating Replaced At 2nd Floor Suite Balconies								
	Repairs in Progress, Extent : Light, Area Affected : 30%								
	Location : 3rd To 4th Floor Seating Areas, Throughout								
	Spalling, Extent : Light, Area Affected : 2%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 5%								
	Location : Throughout								
	Other Observation, Extent : Severe, Area Affected : 40%								
	Location : Throughout Concrete Stadium Seat Base And Slab Components								
	Explanation : Currently Undergoing Re-caulking Of All Soft Joints To Pre-cast Concrete Components								
	Single Ply Membrane	10%	Now	\$21,900	2030	* *			
	Adhesion Failure, Extent : Severe, Area Affected : 100%								
	Location : Braodcast Center Upper Roof Area								
	Blisters, Extent : Moderate, Area Affected : 30%								
	Location : Broadcast Center Lower Roof Areas								
	Ponding, Extent : Light, Area Affected : 15%								
	Location : Over New York- Deli- Bar Concession.								
	Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
	Location : Broadcast Center Lower Roof Areas								
	Traffic Topping	2%	Now	\$1,300	2030	* *			
	Blisters, Extent : Moderate, Area Affected : 10%								
	Location : Various Locations								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Broadcaster Roof								
	Explanation : Liquid Applied Roofing System								
Interior									
Floors									
	Carpet	10%			2024	\$407,800	3	\$48,000	
	Cast in Place Concrete	70%			LIFE	* *	5	\$490,100	
	Ceramic Tile	10%			2034	* *	5	\$32,000	
	Traffic Topping	5%			2030	* *	5	\$20,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout 1st Floor Corridors								
	Explanation : Traffic Topping								
	Vinyl Tile	5%			2030	* *	3	\$6,000	
Interior Walls									
	Cast in Place Concrete	25%			LIFE	* *			
	Ceramic Tile	10%			2034	* *	5	\$15,600	
	Concrete Masonry Unit	40%			LIFE	* *	5	\$24,900	
	Gypsum Board	10%			LIFE	* *	5	\$9,300	
	Masonry: Brick	15%			LIFE	* *			

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2042	* *	5	\$79,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout Suites								
Exposed Concrete	55%	0-2	\$93,200	LIFE	* *	5	\$22,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Spandrel Beam At Loading Dock								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Through Joints Throughout								
Exposed Struc: Steel	1%	Now	\$11,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Domestic Water Pump Room And Fire Pump Room								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Domestic Water Room And Fire Pump Room								
Explanation : Spray Fireproofing Is Delaminating From Water Penetration								
Exposed Struc: Steel	9%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$16,500	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5	\$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Four Electrical Services - Each Rated At 4000 Amperes								
Transformers								
Dry Type	100%			2038	* *	5	\$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : From 30 To 500 Kva								
Switchgear / Switchboard								
Fused Disc Sw	95%			2045	* *	5	\$900	
Molded Case Bkrs	5%			2045	* *	5	\$300	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5	\$500	
Molded Case Bkrs	90%			2041	* *	5	\$5,100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	\$1,400	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$3,100	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2038	**	1	\$65,800	
	Generators								
	Diesel	100%			2034	**	1	\$82,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Generator Room								
	Explanation : 750 Kva								
	Batteries								
	Lead/Acid	100%			2019	\$1,500	5	\$7,900	
	Fuel Storage								
	Main Tank	100%			2053	**	5	\$6,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Generator Room								
	Explanation : 275 Gallons								
Lighting									
	Interior Lighting								
	Fluorescent	80%			2025	\$1,709,900	10	\$156,900	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Fluorescent	5%			2025	\$106,900	10	\$9,800	
	T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Fluorescent	2%			2025	\$42,700	10	\$3,900	
	T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Storage Room								
	Fluorescent	13%			2020	\$277,900	10	\$25,500	
	Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor Suites								
	Egress Lighting								
	Emergency, Service	50%			2030	**	1		
	Exit, LED	10%			2053	**	1		
	Exit, Service	40%			2030	**	1		
	Exterior Lighting								
	HID	100%			2030	**	10	\$700	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Controlled Via Time Clock								
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2053	**	5	\$6,300	
Alarm									

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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 ARTHUR ASHE STADIUM**  
**Asset # : 4505**

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

**Alarm**

## Security System

No Component

80%

Generic

20%

2030

\* \*

1

\$16,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Fire Control Center**Explanation : Internet Protocol Digital Video System Type.*

## Fire/Smoke Detection

No Component

80%

Generic, Digital

20%

2030

\* \*

1-3

\$26,400

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

**Heating**

## Energy Source

Electricity

30%

2045

\* \*

1

No Component

70%

## Conversion Equipment

Heat Exchanger, Plate &amp; Frame

100%

2028

\$287,900

1

\$105,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Duct System**Explanation : Heat Is Provided With Electric Coils Creating Multi Zone Systems*

## Terminal Devices

Fan Coil Unit/Heat

30%

2030

\* \*

1

\$20,700

No Component

70%

**Air Conditioning**

## Energy Source

Electricity

30%

2041

\* \*

1

No Component

70%

## Conversion Equipment

Interior Pkg Unit - Cooling

1%

2026

\$800

2

\$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Covering Various Rooms**Explanation : Split System*

Reciprocating Compr/Chiller

70%

2025

\$95,600

1

\$69,400

*Corroded, Extent : Light, Area Affected : 20%**Location : Roof**R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Chillers*

No Component

29%

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK ARTHUR ASHE STADIUM**  
**Asset # : 4505**

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									
Distribution									
	CW & CHW Wtr Pipe/Pump	30%			2045	**	4	\$3,200	
	No Component	70%							
Terminal Devices									
	Air Handler/Dir Expansion	1%			2030	**	1		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Various Location						
			Explanation : Split Units						
	Fan Coil - 4 Pipe	70%			2030	**	1	\$48,300	
			Other Observation, Extent : Moderate, Area Affected : 30%						
			Location : Luxury Suites						
			Explanation : Under Construction						
	No Component	29%							
Heat Rejection									
	Air Cooled Condenser Unit	1%			2030	**	2	\$1,500	
			Other Observation, Extent : Light, Area Affected : 1%						
			Location : Rooftop						
			Explanation : Air Cooled Condenser For Split Units						
	Dry Cooler	70%			2030	**	2	\$104,200	
	No Component	29%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location :						
			Explanation : Equipment Is Accounted For Under Conversion Equipment						
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$119,200	
Exhaust Fans									
	Interior	60%			2030	**	2	\$3,900	
	Roof	40%			2025	\$132,800	2	\$2,600	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2045	**	1		
			Booster Pump w/Tank, Extent : Light, Area Affected : 100%						
			Location : Pump Rooms						
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Pump Rooms						
			Explanation : 1 - Triplex Set, 1 - Duplex Set, 1 Single Pump						
Water Heater									
	Gas Fired	100%			2024	\$121,900	2	\$3,100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Mechanical Room						
			Explanation : Two 300,000 Btu Boilers Feeding The Water To Water Heat Exchangers						

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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 ARTHUR ASHE STADIUM**  
**Asset # : 4505**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	HW Heat Exchanger HTHW/HW	100%			2051	* *			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Mechanical Rooms						
			Explanation : (12) 1000 Gallon Heat Exchangers Located In 3 Mechanical Rooms						
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Submersible	100%			2019	\$6,800	4	\$6,800	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Various Locations						
			Explanation : 5 Single Pumps						
	Backflow Preventer Generic	100%			2030	* *	1	\$13,100	
	Fixtures Generic	100%							
Vertical Transport									
	Elevators Geared Traction	20%			LIFE	* *			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Court To Upper Broadcast						
			Explanation : 2 Units						
	Hydraulic	80%			LIFE	* *			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Various Locations						
			Explanation : 6 - Court To Promenade, 2 - Court To Mezzanine						
	Escalators Under 20' Rise	100%			LIFE	* *			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Various Locations						
			Explanation : 6 units, 2 - Court To Club, 2 - Club To Mezzanine, 2 - Mezzanine To Promenade						
Fire Suppression									
	Standpipe Generic	100%			2045	* *	1-5	\$107,800	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Throughout						
			Explanation : Wet And Dry Systems						
	Sprinkler No Component	20%							
	Generic	80%			2045	* *	1-2	\$47,900	
	Fire Pump Generic	100%			2028	\$128,700	1	\$39,900	
			Corroded, Extent : Moderate, Area Affected : 20%						
			Location : Corroded Base, Pump Room						

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

**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>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>Priority</b>
Fire Suppression								
Chemical System								
	Wet	5%		2020	\$100	1-3	\$200	
	No Component	95%						

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 18-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$432,300	\$41,600
Interior Architecture	\$87,600	
Electrical	\$176,300	
Mechanical		\$153,800
<b>Total</b>	<b>\$696,300</b>	<b>\$195,400</b>
Importance Code A	\$432,300	\$195,400
Importance Code B	\$263,900	
<b>Total</b>	<b>\$696,300</b>	<b>\$195,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture		\$1,900		
Interior Architecture	\$40,500		\$300	
Electrical	\$10,300	\$23,300	\$700	\$700
Mechanical	\$20,600	\$6,700	\$1,900	\$600
<b>Total</b>	<b>\$71,400</b>	<b>\$32,000</b>	<b>\$3,000</b>	<b>\$1,300</b>
Importance Code A	\$8,200	\$2,400	\$1,300	\$500
Importance Code B	\$46,600	\$29,600	\$1,700	\$800
Importance Code C	\$16,600			
<b>Total</b>	<b>\$71,400</b>	<b>\$32,000</b>	<b>\$3,000</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		
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	\$159,200	2055	**	5	\$41,600	
		Deformed/Dented, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 75%							
	Location : Throughout								
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Metal Sect. OHD	5%			2030	**	5	\$3,900	
	Wood Overhead Doors	5%	Now	\$38,900	2045	**	5	\$3,100	
		Deteriorated Finish, Extent : Moderate, Area Affected : 20%							
Location : Throughout									
Unit Inoperable, Extent : Moderate, Area Affected : 80%									
Location : Throughout									
Windows									
Steel	100%	Now	\$234,200	2050	**	5	\$28,100		
	Bent/Warped Elements, Extent : Moderate, Area Affected : 50%								
	Location : Throughout Garages And Various Locations								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 35%								
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Parapets									
	Not Accessible	100%							
Roof									
	Not Accessible	100%							
Interior									
Floors	Asphalt Poured	75%	Now	\$2,800	2030	**	5	\$5,200	
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Garage							
	Cast in Place Concrete	15%			LIFE	**	5	\$9,100	
	Vinyl Tile	10%			2033	**	3	\$1,000	
	Interior Walls								
	Ceramic Tile	5%			2028	\$34,400	5	\$1,300	
	Glass: Single Pane	5%			LIFE	**	5	\$900	
	Gypsum Board	80%	Now	\$16,600	LIFE	**	5	\$12,000	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 50%							
Location : Toilet Rooms And Various Locations									
	Wood	10%			LIFE	**	5	\$10,000	

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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 CREWS BUILDING I - 0035**  
**Asset # : 1069**

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

## Interior

## Ceilings

Exposed Struc: Steel

75% Now \$87,600 LIFE \* \*

*Uneven Surface, Extent : Light, Area Affected : 40%**Location : Workshop*

Gypsum Board

25% Now \$21,000 LIFE \* \* 5 \$8,700

*Broken/Missing Elements, Extent : Moderate, Area Affected : 60%**Location : Toilet Rooms, Locker Room And Various Locations Throughout**Cracking/Crumbling, Extent : Moderate, Area Affected : 30%**Location : Locker Room And Various Locations Throughout**Water Penetration, Extent : Moderate, Area Affected : 10%**Location : Locker Room*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw

100% 2035 \* \* 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : 600 Amperes*

## Raceway

Conduit

50% 2035 \* \* 1

Conduit

50% 2025 \$15,600 1

## Panelboards

Molded Case Bkrs

50% 2033 \* \* 5 \$200

Molded Case Bkrs

50% 2024 \$7,500 5 \$200

## Wiring

Thermoplastic

50% 2035 \* \* 1

Thermoplastic

50% 2025 \$13,800 1

## Motor Controllers

Locally Mounted

100% 2023 \$30,200 5 \$100

## Ground

## Grounding Devices

Generic

100% 2-4 \$9,500 LIFE \* \* 5 \$300

*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Service Area**Explanation : Corroded*

## Lighting

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING I - 0035**  
**Asset # : 1069**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	55%			2020	\$102,100	10	\$9,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Using T-12 Lamps							
	Fluorescent	40%	Now	\$74,200	2035	* *			
		Not in Service, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
	HID	5%			2020	\$6,300	10		
Exterior Lighting									
	HID	10%			2020	\$6,900	10		
	No Component	90%							
Alarm									
	Security System								
	Generic	100%			2035	* *	1	\$6,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : In Front Of Building							
		Explanation : Camera							
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	5%			2035	* *	1		
	Natural Gas	95%			2035	* *	1		
Conversion Equipment									
	Furnace	40%			2025	\$16,400	1	\$3,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Garage							
		Explanation : 3 Burners, Ceiling Hung Unit							
	Furnace	10%			2025	\$4,100	1	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Locker And Break Area							
		Explanation : 1 - Electric Unit Heater, 4 - Gas Fired Unit Heater							
	Radiant Heater	50%	Now	\$7,700	2025	\$153,800	2	\$3,400	
		Other Observation, Extent : Severe, Area Affected : 10%							
		Location : Garage							
		Explanation : Flue Pipe Corroded							
Distribution									
	Ductwork/Diffusers	40%			LIFE	* *	2-5	\$4,100	
	No Component	60%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	* *	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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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>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>Priority</b>
Air Conditioning								
	Conversion Equipment							
	Window/Wall Unit	5%		2019	\$1,800	1		
	No Component	95%						
Ventilation								
	Exhaust Fans							
	Wall Unit	100%		2020	\$6,200	2	\$600	
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2035	* *	1		
	Water Heater							
	Gas Fired	100%		2019	\$10,600	2	\$300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Locker Area</i>							
	<i>Explanation : 1 - 50 Gallon Unit</i>							
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	* *	1		
	Backflow Preventer							
	Not Accessible	100%						
Fixtures								
	Generic	100%						
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Bathroom</i>							
	<i>Explanation : Some 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$283,600	
Interior Architecture		\$72,800
Electrical	\$222,300	\$178,100
Mechanical		\$89,900
<b>Total</b>	<b>\$506,000</b>	<b>\$340,900</b>
Importance Code A	\$283,600	\$89,900
Importance Code B	\$222,300	\$250,900
<b>Total</b>	<b>\$506,000</b>	<b>\$340,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$11,000			
Interior Architecture	\$69,600			\$500
Electrical	\$41,600	\$35,100		
Mechanical	\$11,600	\$28,800	\$1,600	\$1,100
<b>Total</b>	<b>\$133,700</b>	<b>\$63,900</b>	<b>\$1,600</b>	<b>\$1,600</b>
Importance Code A	\$12,300	\$1,100	\$1,300	\$1,100
Importance Code B	\$94,600	\$62,700	\$200	\$500
Importance Code C	\$26,800			
<b>Total</b>	<b>\$133,700</b>	<b>\$63,900</b>	<b>\$1,600</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**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Concrete Masonry Unit	88%	Now	\$208,200	LIFE	* *	5	\$15,800	
				Diagonal Cracks, Extent : Moderate, Area Affected : 10%					
				Location : At Corners					
				Staining/Discoloring, Extent : Moderate, Area Affected : 65%					
				Location : Throughout					
				Water Penetration, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
	Metal Panel	5%	Now	\$200	2035	* *	5	\$2,700	
				Deformed/Dented, Extent : Light, Area Affected : 80%					
				Location : West Facade					
	Metal Coiling Doors	2%	Now	\$1,600	2038	* *	5	\$900	
				Corrosion/Rusting, Extent : Light, Area Affected : 60%					
				Location : West Facade					
	Wood	5%	Now	\$75,400	2045	* *	5	\$3,600	
				Broken/Missing Elements, Extent : Severe, Area Affected : 15%					
				Location : South Facade					
				Dry Rot/Decay, Extent : Moderate, Area Affected : 35%					
				Location : South Facade					
				Worn/Eroded, Extent : Moderate, Area Affected : 50%					
				Location : South Facade					
Windows									
	Glass Block	3%	Now	\$100	LIFE	* *	5		
				Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%					
				Location : East Facade					
	Metal Louvers	97%	Now	\$9,100	2028	\$18,200			
				Corrosion/Rusting, Extent : Moderate, Area Affected : 30%					
				Location : Throughout					
Parapets									
	Not Accessible	100%							
Roof									
	Not Accessible	100%							
Interior									
	Floors								
	Cast in Place Concrete	90%	Now	\$17,300	LIFE	* *	5	\$72,800	
				Cracking/Crumbling, Extent : Moderate, Area Affected : 40%					
				Location : Storage Area					
	Vinyl Tile	10%	Now	\$12,600	2030	* *	3	\$1,400	
				Broken/Missing Elements, Extent : Moderate, Area Affected : 40%					
				Location : Small Equipment Room And Various 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.

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Concrete Masonry Unit	80%	Now	\$26,700	LIFE	* *	5	\$1,600		
Diagonal Cracks, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 80%									
Location : Various Locations Throughout									
Gypsum Board	15%			LIFE	* *	5	\$500		
Gypsum Board	5%	Now	\$100	LIFE	* *	5	\$200		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Front Office									
Ceilings									
AcousTileSusp.Lay-In	10%	Now	\$12,900	2030	* *	5	\$2,700		
Broken/Missing Elements, Extent : Moderate, Area Affected : 75%									
Location : Snow Equipment Storage, Drum Storage And Various Locations Throughout									
Staining/Discoloring, Extent : Moderate, Area Affected : 35%									
Location : Throughout									
Exposed Struc: Steel	75%			LIFE	* *				
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Storage Area									
Exposed Struc: Wood	5%			LIFE	* *				
Gypsum Board	10%			LIFE	* *	5	\$6,700		

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts								
Transformers								
Liquid Filled	100%			2023	\$137,200	3	\$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : 300 Kw/400 Kva, 4160/208/120v								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	* *	3	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Primary Switch 5 Kv, 600 A								
Feeders								
Cable	100%			2024	\$15,400	1		
Raceway								
Conduit	100%			2025	\$40,900	1		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$1,500	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1200 Amperes								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK CREWS BUILDING II**  
**Asset # : 1075**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2035	* *	5	\$100	
	Raceway								
	Conduit	100%			2025	\$31,300	1		
	Panelboards								
	Molded Case Bkrs	100%			2024	\$14,900	5	\$500	
	Wiring								
	Braided Cloth	60%	2-4	\$16,600	2050	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Thermoplastic	40%			2025	\$11,100	1		
Lighting									
	Interior Lighting								
	Fluorescent	90%			2020	\$222,300	10	\$20,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Using T-8 And T-12							
	Fluorescent	10%	Now	\$24,700	2035	* *			
		Not in Service, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
	Egress Lighting								
	Emergency, Service	50%			2020	\$6,100	1		
	Exit, Service	50%			2020	\$1,800	1		
	Exterior Lighting								
	HID	10%			2020	\$6,700	10		
	No Component	90%							
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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	10%			2035	* *	1		
	Natural Gas	90%			2035	* *	1		
Conversion Equipment									
	Furnace	50%			2025	\$27,200	1	\$6,100	
	Furnace	40%			2025	\$21,800	1	\$4,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Garage								
	Explanation : Gas Fired Unit Heaters								
	Radiant Heater	10%			2025	\$41,000	2	\$1,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Office								
	Explanation : Electric Baseboard								

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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 CREWS BUILDING II**  
**Asset # : 1075**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Ductwork/Diffusers	5%			LIFE	**	2-5	\$700	
	No Component	95%							
Air Conditioning									
	Energy Source								
	Electricity	10%			2033	**	1		
	No Component	90%							
	Conversion Equipment								
	Window/Wall Unit	15%			2020	\$7,200	1		
	No Component	85%							
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2025	\$8,200	2	\$800	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%	0-2	\$10,100	2030	**	1		
	Corroded, Extent : Moderate, Area Affected : 20%								
	Location : Water Main Area								
	Water Heater								
	Electric	100%			2020	\$20,400	4	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Closet								
	Explanation : 1- 50 Gallon Unit								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
Fixtures									
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$691,800	
Interior Architecture	\$63,000	\$49,300
Electrical	\$74,000	
Mechanical	\$66,800	\$264,400
<b>Total</b>	<b>\$895,500</b>	<b>\$313,700</b>
Importance Code A	\$691,800	\$24,300
Importance Code B	\$203,700	\$289,400
<b>Total</b>	<b>\$895,500</b>	<b>\$313,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,900		\$100	
Interior Architecture	\$30,800			\$900
Electrical	\$17,800	\$39,300	\$1,700	\$1,700
Mechanical	\$25,600	\$25,500	\$4,000	\$1,700
<b>Total</b>	<b>\$77,100</b>	<b>\$64,800</b>	<b>\$5,800</b>	<b>\$4,300</b>
Importance Code A	\$27,700	\$900	\$1,000	\$900
Importance Code B	\$47,500	\$63,900	\$4,800	\$3,400
Importance Code C	\$2,000			
<b>Total</b>	<b>\$77,100</b>	<b>\$64,800</b>	<b>\$5,800</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**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	60%	Now	\$368,100	LIFE	* *	5	\$30,500	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	\$2,900	2038	* *	5	\$4,000	
		<i>Deformed/Dented, Extent : Light, Area Affected : 30%</i> <i>Location : West Wing.</i>							
	Stucco Cement	25%	Now	\$36,800	2030	* *	5	\$15,900	
		<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	\$160,900	2045	* *	5	\$12,700	
		<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%			2041	* *	5	\$100	
	Steel	95%	Now	\$126,100	2050	* *	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									
	Not Accessible	100%							
Roof									
	Not Accessible	100%							

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**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Cast in Place Concrete	75%	Now	\$11,700	LIFE	**	5	\$49,300		
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : Large Hole Located North Garage Bay Slab									
Horizontal Cracks, Extent : Moderate, Area Affected : 70%									
Location : Throughout Garages And Storage Areas.									
Uneven Substrate, Extent : Moderate, Area Affected : 30%									
Location : Note: Soil Under West Wing Garage Slab At Garage Door Showing Signs Of Erosion.									
Vinyl Tile	25%	0-2	\$12,700	2035	**	3	\$2,800		
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Office									
Worn/Eroded, Extent : Moderate, Area Affected : 70%									
Location : Office									
Interior Walls									
Concrete Masonry Unit	5%			LIFE	**	5	\$100		
Masonry: Brick	75%			LIFE	**				
Masonry: Brick	10%	Now	\$2,000	LIFE	**				
Misaligned/Bulging, Extent : Moderate, Area Affected : 60%									
Location : Various Locations Throughout Garage Bays.									
Vertical Cracks, Extent : Severe, Area Affected : 40%									
Location : Boiler Room									
Plaster	10%			LIFE	**	5	\$200		
Ceilings									
AcousTileSusp.Lay-In	5%	Now	\$600	2030	**	5	\$800		
Staining/Discoloring, Extent : Moderate, Area Affected : 75%									
Location : Various Locations In Offices.									
Exposed Concrete	5%			LIFE	**	5	\$200		
Glass: Susp Panels	5%	Now	\$2,300	LIFE	**				
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 75%									
Location : Boiler Room And Men's Room.									
Gypsum Board	5%	Now	\$1,500	LIFE	**	5	\$1,900		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Queens Forestry Office									
Plaster	80%	Now	\$63,000	LIFE	**	5	\$15,000		
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : South Garage.									
Spalling, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : Work Room, North Wing And Various Locations Throughout.									
Water Penetration, Extent : Moderate, Area Affected : 70%									
Location : Throughout									

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

Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Transformers								
	Dry Type	100%			2030	**	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 300 Kva, 480/208/120v							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2025	\$24,400	5	\$100	
	Raceway								
	Conduit	100%			2025	\$3,700	1		
	Panelboards								
	Molded Case Bkrs	100%			2024	\$7,500	5	\$500	
	Wiring								
	Thermoplastic	100%			2025	\$8,200	1		
	Motor Controllers								
	Locally Mounted	100%			2023	\$14,400	5	\$100	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2038	**	1	\$5,800	
	Generators								
	Diesel	100%			2034	**	1	\$7,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside With Trailer							
		Explanation : 250 Kw							
	Batteries								
	Nickel Cadmium	100%			2020	\$1,500	5	\$4,200	
	Fuel Storage								
	Main Tank	100%			2053	**	5	\$600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 435 Gallons.							
Lighting									
	Interior Lighting								
	Fluorescent	80%			2020	\$35,100	10	\$14,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Using T-8 And T-12 Lamps							
	Fluorescent	20%	Now	\$8,800	2035	**			
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : First Floor							
	Egress Lighting								
	Emergency, Service	50%			2020	\$4,900	1		
	Exit, Service	50%			2025	\$2,700	1		
	Exterior Lighting								
	HID	50%	Now	\$7,100	2030	**			
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : Exterior							
	No Component	50%							

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 FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

<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>

**Alarm**

## Security System

No Component

75%

Generic

25%

2020

\$14,200

1

\$1,800

*Other Observation, Extent : Light, Area Affected : 100%**Location : Yard**Explanation : Two Exterior Fixed Mounted Cameras.*

## Fire/Smoke Detection

No Component

80%

Generic, Analog

20%

2020

\$38,900

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

Electricity

20%

2045

\* \*

1

Natural Gas

80%

2045

\* \*

1

## Conversion Equipment

Furnace

10%

2025

\$4,400

1

\$1,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Various Locations**Explanation : Electric Unit Heaters*

Steam Boiler

20%

2023

\$24,300

1

\$4,000

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

Steam Boiler

20%

Now

\$24,300

2045

\* \*

1

\$3,600

*Broken, Extent : Moderate, Area Affected : 100%**Location : Mechanical Room*

Not Accessible

50%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Roof**Explanation : Package Unit Visible From Ground*

## Distribution

Ductwork/Diffusers

60%

LIFE

\* \*

2-5

\$6,700

Central Plant Steam

40%

2035

\* \*

4

\$600

Piping/Pmp

## Terminal Devices

Convactor/Radiator

50%

2030

\* \*

1

\$3,200

Fan Coil Unit/Heat

50%

2025

\$140,500

1

\$3,200

**Air Conditioning**

## Energy Source

Electricity

25%

2033

\* \*

1

No Component

75%

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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 FLUSHING MEADOWS GARAGE - 0040**  
**Asset # : 1070**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	25%			2020	\$9,800	1		
	No Component	75%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,200	
	Exhaust Fans								
	Interior	100%			2020	\$66,800	2	\$600	
	Other Observation, Extent : Light, Area Affected : 75%								
	Location : Garages								
	Explanation : Several Vehicle Exhaust Systems								
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2025	\$42,000	1		
	Galvanized Steel	70%			2023	\$57,600	1		
	Water Heater								
	Electric	50%			2020	\$8,300	4	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Garage Areas								
	Explanation : 3 - 10 Gallon Units								
	Gas Fired	50%			2020	\$5,700	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Men's Room								
	Explanation : 1 - 40 Gallon Unit								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Outside Building								
	Explanation : New								
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$436,800	\$2,251,500
Interior Architecture	\$1,833,300	\$484,000
Electrical		\$1,425,600
Mechanical	\$737,900	\$124,000
<b>Total</b>	<b>\$3,008,000</b>	<b>\$4,285,100</b>
Importance Code A	\$436,800	\$2,251,500
Importance Code B	\$2,465,200	\$2,033,600
Importance Code C	\$106,000	
<b>Total</b>	<b>\$3,008,000</b>	<b>\$4,285,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$43,300	\$10,800		
Interior Architecture	\$3,000		\$325,500	
Electrical	\$8,000	\$11,600	\$7,400	\$8,000
Mechanical	\$9,400	\$56,400	\$25,400	\$10,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$71,600</b>	<b>\$86,600</b>	<b>\$366,200</b>	<b>\$26,100</b>
Importance Code A	\$43,300	\$11,300		
Importance Code B	\$25,300	\$75,400	\$366,200	\$26,100
Importance Code C	\$3,000			
<b>Total</b>	<b>\$71,600</b>	<b>\$86,600</b>	<b>\$366,200</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**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

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	37%			LIFE	**	5	\$257,400	
	Masonry: Brick	25%	Now	\$209,600	LIFE	**	5	\$34,800	
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : Main Entry Gate									
Repointing Failure, Extent : Severe, Area Affected : 70%									
Location : Throughout All Caulking Joints.									
	Metal Panel	20%			2035	**	5-10	\$191,300	
	Metal Coiling Doors	3%	Now	\$11,800	2038	**	5	\$6,500	
Corrosion/Rusting, Extent : Light, Area Affected : 40%									
Location : Various Locations At Ground Level.									
	Weathering Steel	15%	Now	\$139,800	LIFE	**	1		
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Throughout.									
Explanation : Steel Members Rusting.									
Windows									
	Metal Louvers	100%			2034	**	10	\$372,600	
Parapets									
	Cast in Place Concrete	5%	Now	\$35,300	LIFE	**	5	\$28,700	
Vertical Cracks, Extent : Moderate, Area Affected : 75%									
Location : All Along Perimeter Coping At Rail Post Mount Locations At Upper Tier Seating.									
	Metal Panel	10%			2045	**	5	\$21,500	
	Metal Rail	85%			2038	**	5-10	\$853,100	
Roof									
	Modified Bitumen	15%	4+	\$4,600	2025	\$91,000			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%									
Location : Roof Located Over The Grand Hall Area									
	Traffic Topping	85%	Now	\$26,900	2025	\$538,200			
Ponding, Extent : Moderate, Area Affected : 70%									
Location : Over Ralph Lauren Polo Store									
Water Penetration, Extent : Moderate, Area Affected : 30%									
Location : Over Ralph Lauren Polo Store									
Interior									
Floors									
	Carpet	10%			2021	\$313,300	3	\$36,900	
Other Observation, Extent : Moderate, Area Affected : 2%									
Location : Ralph Lauren Polo Store									
Explanation : Carpet Was Removed And In The Process Of Being Replaced From Roof Leak Water Damage.									
	Cast in Place Concrete	90%	Now	\$229,700	LIFE	**	5	\$484,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 80%									
Location : Various Locations Throughout The Great Hall On The Ground Floor.									
Caulking Deteriorated, Extent : Light, Area Affected : 10%									
Location : Control Joints 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.

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Cast in Place Concrete	30%			LIFE	* *				
Ceramic Tile	5%			2034	* *	5	\$6,000		
Concrete Masonry Unit	40%	Now	\$106,000	LIFE	* *	5	\$19,100		
Vertical Cracks, Extent : Moderate, Area Affected : 5%									
Location : Fire Pump Room									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Fire Pump Room.									
Glass: Single Pane	5%			LIFE	* *	5	\$4,500		
Gypsum Board	20%			LIFE	* *	5	\$14,300		
Ceilings									
AcousTileSusp.Lay-In	20%	Now	\$65,500	2038	* *	5	\$20,300		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Throughout Main Corridors.									
Staining/Discoloring, Extent : Light, Area Affected : 20%									
Location : Various Locations Throughout Main Corridor.									
Exposed Concrete	55%	Now	\$1,432,100	LIFE	* *	5	\$17,400		
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Underside Of West Stadia Seating And Various Locations Throughout.									
Staining/Discoloring, Extent : Severe, Area Affected : 80%									
Location : Throughout.									
Water Penetration, Extent : Severe, Area Affected : 80%									
Location : Various Locations Throughout.									
Exposed Struc: Steel	10%			LIFE	* *				
Plaster	10%			LIFE	* *	5	\$12,700		
No Component	5%								
Other Observation, Extent : Light, Area Affected : 0%									
Location : Ground Floor Level.									
Explanation : Open Ceiling Grid.									

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Over 600 Volts								
Service Equipment								
	Fused Disc Sw	100%			2035	* *	3	\$500
Transformers								
	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>								
Switchgear / Switchboard								
	Air Circuit Breaker	100%			2035	* *	3	\$1,300
Feeders								
	Cable	100%			2033	* *	1	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK LOUIS S. ARMSTRONG STADIUM-0048**  
**Asset # : 1054**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts									
	Raceway								
	Conduit	100%			2035	**	1		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	**	5	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Switchgear Room							
		Explanation : Electrical Service Rated At 4000 Amp.							
	Transformers								
	Dry Type	100%			2030	**	5	\$600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : (1) 75 Kva And (1) 225 Kva							
	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	\$87,400	10	\$30,100	
		Compact Fluorescent Light, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		T-12 Lamps And Fixtures, Extent : Light, Area Affected : 65%							
		Location : Throughout							
	HID	80%			2025	\$532,500	10	\$4,300	
	Egress Lighting								
	Emergency, Battery	50%			2025	\$110,600	10	\$19,800	
	Exit, LED	20%			2053	**	1		
	Exit, Service	20%			2030	**	1		
	Exit, Battery	10%			2025	\$7,500	10	\$1,100	
	Exterior Lighting								
	HID	30%			2025	\$185,800	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**

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

## Alarm

## Security System

No Component

30%

Generic

70%

2030

\* \*

1

\$42,900

## Fire/Smoke Detection

No Component

70%

Generic, Analog

30%

2025

\$509,500

1-3

\$31,300

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

## Heating

## Energy Source

Electricity

20%

2045

\* \*

1

No Component

80%

## Terminal Devices

Fan Coil Unit/Heat

20%

2020

\$21,000

1

\$10,600

No Component

80%

## Air Conditioning

## Energy Source

Electricity

20%

2041

\* \*

1

No Component

80%

## Conversion Equipment

Exterior Pkg Unit -

Cooling

20%

2020

\$248,700

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

\$255,000

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

\$135,300

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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%			2025	\$44,200	4	\$6,500	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Various Locations					
				Explanation : 4 Duplex Sets					
	Backflow Preventer								
	Generic	100%			2025	\$39,000	1	\$10,100	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Ground Level To 2nd Floor					
				Explanation : 2 Units					
Fire Suppression									
	Standpipe								
	Generic	100%			2035	* *	1-5	\$82,800	
	Sprinkler								
	No Component	80%							
	Generic	20%			2035	* *	1-2	\$9,200	
	Fire Pump								
	Generic	100%			2021	\$98,900	1	\$30,700	
	Chemical System								
	Wet	5%			2020	\$100	1-3	\$200	
	No Component	95%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$319,900	\$571,400
Interior Architecture	\$51,400	\$146,300
Electrical	\$101,900	\$330,600
Mechanical	\$584,700	\$874,300
<b>Total</b>	<b>\$1,057,900</b>	<b>\$1,922,700</b>
Importance Code A	\$319,900	\$571,400
Importance Code B	\$738,000	\$1,351,200
<b>Total</b>	<b>\$1,057,900</b>	<b>\$1,922,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$24,600			
Interior Architecture	\$33,100		\$2,300	\$500
Electrical	\$900	\$20,500	\$900	\$900
Mechanical	\$79,600	\$50,800	\$31,900	\$9,600
<b>Total</b>	<b>\$138,300</b>	<b>\$71,300</b>	<b>\$35,200</b>	<b>\$10,900</b>
Importance Code A	\$29,000	\$4,400	\$4,300	\$4,300
Importance Code B	\$104,000	\$66,800	\$30,900	\$6,600
Importance Code C	\$5,300			
<b>Total</b>	<b>\$138,300</b>	<b>\$71,300</b>	<b>\$35,200</b>	<b>\$10,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Exposed Struc: Steel	5%			LIFE	* *	5	\$10,400	
	Metal Panel	80%	Now	\$38,200	2035	* *	5	\$99,600	
	Deformed/Dented, Extent : Moderate, Area Affected : 5%								
	Location : North Facade								
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Window Wall	10%	Now	\$15,900	2045	* *	5	\$12,500	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
	Location : Metal Frame Throughout								
	Wood	5%	Now	\$8,700	2030	* *	5	\$8,300	
	Dry Rot/Decay, Extent : Moderate, Area Affected : 75%								
	Location : Around Windows.								
Windows									
	Aluminum	25%			2033	* *	5	\$1,200	
	Steel	75%	Now	\$187,300	2050	* *	5	\$22,500	
	Air Infiltration, Extent : Moderate, Area Affected : 50%								
	Location : Throughout.								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
	Location : Throughout.								
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
	Location : Various Locations Throughout.								
	Glazing Clouded, Extent : Moderate, Area Affected : 10%								
	Location : Various Locations Throughout.								
Roof									
	Single Ply Membrane	100%	Now	\$94,400	2025	\$471,800			
	Adhesion Failure, Extent : Moderate, Area Affected : 20%								
	Location : Various Locations Throughout.								
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
	Location : West Wing.								
	Patching Evident, Extent : Moderate, Area Affected : 30%								
	Location : Various Locations Throughout.								
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Recent Repair Evident, Extent : Light, Area Affected : 10%								
	Location : Under New Mechanical Equipment Installation								
	Reflective Surface, Extent : Moderate, Area Affected : 30%								
	Location : Painted Finish Deteriorating, Throughout								
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Center Of Roof Between East And West Wings.								
	Explanation : Snow Covered.								

Interior

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**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		
Interior									
Floors									
Cast in Place Concrete	65%			LIFE	**	5	\$106,500		
Recent Repair Evident, Extent : Light, Area Affected : 100%									
Location : Carpet Removed And Concrete Floors Painted, Throughout									
Ceramic Tile	5%			2034	**	5	\$3,700		
Vinyl Tile	25%			2030	**	3	\$7,000		
Recent Replace Evident, Extent : Light, Area Affected : 10%									
Location : Room 22.									
Vinyl Tile 9" X 9"	5%	Now	\$20,600	2030	**	3	\$1,400		
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%									
Location : Telephone Room									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Telephone Room And Mechanical Room Office.									
Explanation : Vinyl Tile 9 X 9									
Interior Walls									
Ceramic Tile	5%			2034	**	5	\$3,400		
Concrete Masonry Unit	5%	Now	\$1,500	LIFE	**	5	\$1,300		
Vertical Cracks, Extent : Light, Area Affected : 20%									
Location : Electrical Room.									
Glass: Single Pane	5%			LIFE	**	5	\$2,500		
Gypsum Board	35%			LIFE	**	5	\$14,200		
Metal Panel	30%			LIFE	**				
Plaster	20%	Now	\$2,200	LIFE	**	5	\$4,000		
Water Penetration, Extent : Light, Area Affected : 25%									
Location : Main Hallway.									
Ceilings									
AcousTileConcealSpLn	85%	0-2	\$51,400	2030	**	5	\$39,800		
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Corridors									
Staining/Discoloring, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Construction Department, Room 60									
Worn/Eroded, Extent : Moderate, Area Affected : 10%									
Location : Corridors									
AcousTileSusp.Lay-In	5%	Now	\$1,500	2038	**	5	\$1,900		
Staining/Discoloring, Extent : Light, Area Affected : 20%									
Location : Throughout									
Gypsum Board	10%	Now	\$3,800	LIFE	**	5	\$9,400		
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%									
Location : Boiler Room.									

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

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2035	**	5	\$200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : 2,000 Amperes									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2035	**	5	\$1,300	
Raceway									
	Busway	2%			2023	\$1,700	1		
	Conduit	98%			2035	**	1		
Panelboards									
	Fused Disc Sw	10%			2033	**	5	\$100	
	Molded Case Bkrs	90%			2033	**	5	\$1,200	
Wiring									
	Thermoplastic	100%			2035	**	1		
Motor Controllers									
	Locally Mounted	80%			2023	\$23,600	5	\$300	
	Locally Mounted	20%			2030	**	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$700	
Lighting									
Interior Lighting									
	Fluorescent	100%			2025	\$284,700	10	\$45,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 50%									
Location : Throughout The Building									
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 50%									
Location : Throughout The Building									
Egress Lighting									
	Emergency, Service	60%			2025	\$14,800	1		
	Exit, Service	40%			2025	\$6,700	1		
Exterior Lighting									
	HID	10%			2020	\$18,600	10		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Exterior									
Explanation : Controlled Via Photocell									
	LED	10%			2030	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Exterior									
Explanation : Controlled Via Photocell									
	No Component	80%							
Alarm									
Security System									
	No Component	80%							
	Generic	20%			2025	\$29,800	1	\$3,700	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

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

**Alarm**

Fire/Smoke Detection

No Component

80%

Generic, Analog

20%

2020

\$101,900

1-3

\$6,100

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

**Heating**

Energy Source

Electricity

15%

2035

\* \*

1

Natural Gas

85%

2045

\* \*

1

Conversion Equipment

Hot Water Boiler

15%

2038

\* \*

1

\$3,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Heater Closets**Explanation : 2 - Locally Placed Electric Hot Water Boilers Serve Perimeter Heat*

Steam Boiler

80%

2038

\* \*

1

\$39,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Boiler Room**Explanation : 1 Boiler*

Not Accessible

5%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Attic Space**Explanation : Heat Exchangers Serve Hot Water Heating Coils*

Distribution

Hot Wtr Piping/Pump

20%

2033

\* \*

4

\$500

Hot Wtr Piping/Pump

40%

Now

\$29,200

2050

\* \*

4

\$1,000

*Broken, Extent : Moderate, Area Affected : 30%**Location : Boiler Room**Repairs In Progress, Extent : Light, Area Affected : 30%**Location : Boiler Room**Other Observation, Extent : Moderate, Area Affected : 60%**Location : Boiler Room**Explanation : 1/3 Pumps Broken**1/3 Under Repair*

Central Plant Steam

40%

2045

\* \*

4

\$1,000

Piping/Pmp

Terminal Devices

Convactor/Radiator

40%

2030

\* \*

1

\$6,500

Not Accessible

60%

*Other Observation, Extent : Light, Area Affected : 0%**Location : Throughout**Explanation : Air Handlers In Attic Space***Air Conditioning**

Energy Source

Electricity

100%

2041

\* \*

1

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Reciprocating Compr/Chiller	42%	0-2	\$100,100	2030	* *	1	\$8,800	
		R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : Chiller Other Observation, Extent : Severe, Area Affected : 50% Location : Mechanical Room Explanation : Chiller Operating At 50 Percent Other 50 Percent Is Broken							
	Exterior Pkg Unit - Cooling	45%	Now	\$170,600	2035	* *	2	\$1,100	
		R-22 Refrigerant, Extent : Light, Area Affected : 100% Location : 4 Roof Units Other Observation, Extent : Severe, Area Affected : 40% Location : Roof Explanation : Wind Damaged, Units Blown Off Or Shifted From Dunnage							
	Window/Wall Unit	13%			2020	\$12,700	1		
Distribution									
	CW & CHW Wtr Pipe/Pump	50%			2045	* *	4	\$1,200	
	Ductwork/Diffusers	50%	Now	\$314,000	LIFE	* *	2	\$32,600	
		Damaged, Extent : Severe, Area Affected : 10% Location : Roof							
Terminal Devices									
	Air Handler/Cool/Ht	100%	Now	\$26,200	2025	\$525,000	1	\$27,900	
		Damaged, Extent : Severe, Area Affected : 10% Location : Roof							
Heat Rejection									
	Dry Cooler	50%	0-2	\$12,700	2025	\$127,300	2	\$13,900	
		Corroded, Extent : Moderate, Area Affected : 20% Location : Exterior							
	Water Cooling Tower	50%			2023	\$88,800	2	\$25,200	
		Leak Evident, Extent : Severe, Area Affected : 20% Location : Piping Under The Ground							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$27,900	
Exhaust Fans									
	Interior	80%			2025	\$133,200	2	\$1,200	
	Roof	20%	Now	\$800	2025	\$15,500	2	\$200	
		Unit Inoperable, Extent : Severe, Area Affected : 10% Location : Roof							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2030	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK OLMSTED CENTRE ADMINISTRATION**  
**Asset # : 1071**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2020	\$28,500	2	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 - 250 Gallon Recoverable Capacity							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Road Side Of Building							
		Explanation : Units In Pit							
	Sewage Ejector(s)								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Road Side Of Building							
		Explanation : Units In Pit							
	Backflow Preventer								
	Generic	100%			2030	* *	1	\$3,100	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	95%							
	Generic	5%			2025	\$22,900	1-2	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Plan Room							
		Explanation : Halon System Is Under Repair; They Are Refilling The Halon							

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : FLUSHING MEADOWS CORONA PARK PASSARELLE - 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** : 17-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$91,400	
Interior Architecture	\$44,800	\$285,800
Electrical	\$148,000	\$565,500
Mechanical	\$474,900	\$1,008,300
<b>Total</b>	<b>\$759,100</b>	<b>\$1,859,600</b>
Importance Code A	\$91,400	\$47,700
Importance Code B	\$622,900	\$1,688,200
Importance Code C	\$44,800	\$123,700
<b>Total</b>	<b>\$759,100</b>	<b>\$1,859,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$41,800	\$2,800		\$700
Interior Architecture	\$64,100	\$2,900	\$5,800	\$1,500
Electrical	\$1,500	\$16,200	\$900	\$1,100
Mechanical	\$12,600	\$19,700	\$27,300	\$6,100
<b>Total</b>	<b>\$120,000</b>	<b>\$41,600</b>	<b>\$34,000</b>	<b>\$9,400</b>
Importance Code A	\$45,100	\$6,100	\$3,300	\$4,000
Importance Code B	\$52,500	\$35,400	\$30,700	\$5,400
Importance Code C	\$22,400			
<b>Total</b>	<b>\$120,000</b>	<b>\$41,600</b>	<b>\$34,000</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**  
**FLUSHING MEADOWS CORONA PARK PASSARELLE - 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	\$22,300	
	Masonry: Brick	17%	Now	\$7,600	LIFE	**	5	\$5,000	
	Diagonal Cracks, Extent : Light, Area Affected : 2%								
	Location : Northeast Corner.								
	Misaligned/Bulging, Extent : Light, Area Affected : 3%								
	Location : Northwest Corner.								
	Paint Peeling, Extent : Light, Area Affected : 20%								
	Location : Various Roof Areas And External Stairs								
	Metal Panel	5%			2045	**	5-10	\$10,200	
	Metal Coiling Doors	3%			2038	**	5	\$2,800	
Windows									
	Aluminum	50%			2047	**	5	\$1,500	
	Recent Construction, Extent : Light, Area Affected : 100%								
	Location : West Wing Of Building								
	Aluminum	45%	Now	\$54,800	2050	**	5	\$700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
	Location : Throughout Training Facility.								
	Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
	Location : Throughout Training Facility.								
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%								
	Location : East Wing Of Building, Throughout								
	Glass Block	5%			LIFE	**	5	\$100	
Parapets									
	Masonry: Brick	5%			LIFE	**	5	\$200	
	Metal Rail	95%			2030	**	5-10	\$60,300	
Roof									
	Cast in Place Concrete	100%	Now	\$34,200	LIFE	**			
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Ponding, Extent : Moderate, Area Affected : 15%								
	Location : Adjacent To Hvac Unit.								
	Water Penetration, Extent : Light, Area Affected : 20%								
	Location : Over Restroom Corridor								

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**  
**FLUSHING MEADOWS CORONA PARK PASSARELLE - 0032**  
**Asset # : 1067**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Carpet	20%			2024	\$148,000	3	\$17,400		
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : West Wing Corridors								
Cast in Place Concrete	50%	Now	\$6,000	LIFE	* *	5	\$63,500		
	Horizontal Cracks, Extent : Light, Area Affected : 25%								
	Location : Mechanical And Electrical Rooms.								
Ceramic Tile	5%			2034	* *	5	\$2,900		
Quarry Tile	5%			2038	* *	5	\$4,400		
Vinyl Tile	20%	Now	\$4,900	2025	\$98,600	3	\$4,400		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
	Location : Various Locations At East Wing Of Building								
Interior Walls									
Cast in Place Concrete	5%	Now	\$5,700	LIFE	* *				
	Vertical Cracks, Extent : Light, Area Affected : 30%								
	Location : Mechanical Room.								
Ceramic Tile	5%			2028	\$123,700	5	\$4,500		
Concrete Masonry Unit	45%	Now	\$44,800	LIFE	* *	5	\$16,200		
	Vertical Cracks, Extent : Light, Area Affected : 40%								
	Location : Mechanical Room, Parks Opportunity Program								
Gypsum Board	45%	Now	\$16,700	LIFE	* *	5	\$24,200		
	Paint Peeling, Extent : Light, Area Affected : 2%								
	Location : Common Hallway								
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : West Wing, Throughout								
	Vertical Cracks, Extent : Light, Area Affected : 3%								
	Location : Special Events Offices.								
	Water Penetration, Extent : Light, Area Affected : 50%								
	Location : Common Hallway.								
Ceilings									
AcousTile,Adhered	15%	Now	\$4,000	2038	* *	5	\$4,400		
	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : Lunch Room And Training Room #1.								
AcousTileSusp.Lay-In	20%	Now	\$4,700	2030	* *	5	\$5,800		
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Multi-purpose Room.								
	Water Penetration, Extent : Light, Area Affected : 90%								
	Location : West Side Training Room And Offices.								
AcousTileSusp.Lay-In	10%			2045	* *	5	\$5,800		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : New Training Room								
Exposed Concrete	55%	Now	\$20,500	LIFE	* *	5	\$5,000		
	Spalling, Extent : Light, Area Affected : 15%								
	Location : Sports And Fitness Spaces.								

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSARELLE - 0032**

**Asset # : 1067**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2025	\$47,700	3	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 600 Amperes Service							
Transformers									
	Dry Type	100%			2023	\$137,200	3	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 750 Kva, 4160/208/120							
Feeders									
	Cable	100%			2024	\$15,400	1		
Raceway									
	Conduit	100%			2025	\$40,900	1		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2025	\$20,800	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 3000, 800 Amperes And One 700 Amperes Service							
Switchgear / Switchboard									
	Fused Disc Sw	100%			2025	\$122,000	5	\$200	
Raceway									
	Conduit	80%			2025	\$47,400	1		
	Conduit	5%			2045	* *	1		
	Conduit	15%			2051	* *	1		
Panelboards									
	Molded Case Bkrs	90%			2024	\$53,700	5	\$900	
	Molded Case Bkrs	5%			2041	* *	5	\$100	
	Molded Case Bkrs	5%			2047	* *	5	\$100	
Wiring									
	Braided Cloth	60%	2-4	\$48,700	2050	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Thermoplastic	30%			2025	\$24,300	1		
	Thermoplastic	5%			2045	* *	1		
	Thermoplastic	5%			2051	* *	1		
Motor Controllers									
	Locally Mounted	95%			2023	\$28,000	5	\$300	
	Locally Mounted	5%			2042	* *	5		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSARELLE - 0032**

**Asset # : 1067**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	15%			2030	* *	10	\$5,300	
	Fluorescent	10%			2030	* *	10	\$3,600	
	Fluorescent	35%			2020	\$19,500	10	\$12,500	
		T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Fluorescent	30%			2030	* *	10	\$10,700	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Training Area							
	Fluorescent	10%			2030	* *	10	\$3,600	
		T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Training Area							
Egress Lighting									
	Emergency, Battery	40%			2030	* *	10	\$3,700	
	Emergency, Battery	10%			2020	\$5,200	10	\$900	
	Exit, Service	40%			2020	\$5,200	1		
	Exit, Battery	10%			2025	\$4,400	10	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Combination Type.							
Exterior Lighting									
	HID	30%			2020	\$44,300	10		
	No Component	70%							
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2025	\$35,500	1	\$4,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fixed Cameras.							
Fire/Smoke Detection									
	No Component	80%							
	Generic, Analog	20%			2025	\$81,000	1-3	\$5,000	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	20%			2045	* *	1		
	Natural Gas	80%			2045	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSARELLE - 0032**  
**Asset # : 1067**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	30%			2030	**	1	\$5,800	
	Steam Boiler	70%			2030	**	1	\$26,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 2 Boilers								
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2035	**	4	\$2,900	
	Terminal Devices								
	Air Handler	30%			2025	\$153,100	1	\$7,200	
	Fan Coil Unit/Heat	70%			2025	\$380,400	1	\$8,800	
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	35%			2023	\$474,900	2	\$800	
	R-22 Refrigerant, Extent : Light, Area Affected : 100%								
	Location : Interior Units								
	Interior Pkg Unit - Cooling	35%	Now	\$474,900	2030	**	2	\$700	
	Broken, Extent : Moderate, Area Affected : 20%								
	Location : 1st Floor								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 1 Unit Under Construction And 1 Unit Broken								
	Ext Pkg Unit - Heating/Cooling	30%			2030	**	2	\$700	
	R-22 Refrigerant, Extent : Light, Area Affected : 100%								
	Location : Roof Units								
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2	\$50,500	
	Heat Rejection								
	Air Cooled Condenser Unit	100%			2033	**	2	\$27,000	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$21,600	
	Exhaust Fans								
	Interior	40%			2025	\$20,400	2	\$500	
	Wall Unit	60%			2020	\$7,700	2	\$700	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2030	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK PASSARELLE - 0032**

**Asset # : 1067**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing	Water Heater Electric	100%		2023	\$32,000	4	\$300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Building</i>						
		<i>Explanation : 1 - 75 Gallon Unit, 1 - 6 Gallon Unit Serves Janitor Closet</i>						
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%		LIFE	* *	1		
	Backflow Preventer Generic	100%		2030	* *	1	\$2,400	
	Fixtures Generic	100%						
Fire Suppression	Standpipe Generic	100%		2035	* *	1-5	\$19,600	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Sub Basement, Roof, Floors 1,2,3,4  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,621,600	\$772,700
Interior Architecture	\$44,900	\$1,047,800
Electrical	\$78,000	\$1,403,700
Mechanical	\$3,872,700	\$1,837,700
<b>Total</b>	<b>\$5,617,300</b>	<b>\$5,061,900</b>
Importance Code A	\$1,839,200	\$772,700
Importance Code B	\$3,778,000	\$3,324,700
Importance Code C		\$964,500
<b>Total</b>	<b>\$5,617,300</b>	<b>\$5,061,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$50,500	\$3,500	\$2,800	
Interior Architecture	\$20,600	\$16,800	\$39,000	
Electrical	\$18,100	\$23,800	\$8,400	\$8,200
Mechanical	\$55,100	\$44,200	\$85,700	\$31,200
Elevators/Escalators	\$19,700	\$19,700	\$19,700	\$19,700
<b>Total</b>	<b>\$164,200</b>	<b>\$108,000</b>	<b>\$155,600</b>	<b>\$59,100</b>
Importance Code A	\$50,500	\$12,600	\$11,700	\$8,900
Importance Code B	\$99,100	\$95,400	\$138,600	\$50,200
Importance Code C	\$14,500		\$5,300	
<b>Total</b>	<b>\$164,200</b>	<b>\$108,000</b>	<b>\$155,600</b>	<b>\$59,100</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**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Metal Panel	10%	Now	\$13,200	2035	* *	5	\$34,500	
		Corrosion/Rusting, Extent : Severe, Area Affected : 80%							
		Location : Throughout Underside Of Building							
		Paint Peeling, Extent : Severe, Area Affected : 80%							
		Location : Throughout Underside Of Building							
	Stucco Cement	70%			2038	* *	5	\$321,600	
	Stucco Cement	5%	Now	\$5,300	2030	* *	5	\$11,500	
		Horizontal Cracks, Extent : Light, Area Affected : 2%							
		Location : North Vertical Leg.							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Roof Bulkhead And Underside Of Building On The South Side.							
	Window Wall	15%			2045	* *	5	\$103,400	
Windows									
	Aluminum	20%			2041	* *	5	\$5,500	
	Steel	80%	Now	\$1,149,000	2050	* *	5	\$137,700	
		Air Infiltration, Extent : Moderate, Area Affected : 15%							
		Location : 2nd Floor							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : 2nd And 3rd Floor							
		Thermally Inefficient, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 35%							
		Location : 2nd Floor							
Parapets									
	Concrete Masonry Unit	5%			LIFE	* *	5	\$1,000	
	Metal Rail	80%	0-2	\$38,100	2030	* *	5	\$101,700	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : Various Locations Throughout And Roof.							
	Stucco Cement	15%			2030	* *	5	\$6,900	

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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			
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	\$122,700	2035		**		
		Alligatoring, Extent : Severe, Area Affected : 95%							
		Location : Throughout First Floor Roof.							
		Ponding, Extent : Light, Area Affected : 10%							
		Location : First Floor Roof.							
	Modified Bitumen	50%	0-2	\$260,100	2035		**		
		Alligatoring, Extent : Moderate, Area Affected : 80%							
		Location : Fourth And First Floor Roof Areas							
		Ponding, Extent : Moderate, Area Affected : 30%							
		Location : First Floor Roof Areas							
	Paver: Asphalt	20%	Now	\$32,000	2028	\$160,100			
		Miss/Damaged Flashings, Extent : Severe, Area Affected : 20%							
		Location : Fourth Floor Wall To Roof Transition							
		Other Observation, Extent : Severe, Area Affected : 60%							
		Location : Fourth Floor Terrace.							
		Explanation : Paint Sealer Peeling.							
Interior									
Floors									
	Carpet	50%			2024	\$857,400	3	\$100,900	
	Cast in Place Concrete	10%	Now	\$2,800	LIFE	**	5	\$29,400	
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Mechanical Room.							
	Ceramic Tile	5%			2034	**	5	\$6,700	
	Granite Panels	5%			LIFE	**	5	\$5,000	
	Marble Panels	15%			LIFE	**	5	\$15,100	
	Traffic Topping	5%			2025	\$83,300	5	\$8,400	
	Wood	10%			2060	**	5	\$25,200	
Interior Walls									
	Cast in Place Concrete	5%			LIFE	**			
	Ceramic Tile	5%			2034	**	5	\$2,400	
	Concrete Masonry Unit	20%			LIFE	**	5	\$3,800	
	Fabric on Framing	20%			2026	\$964,500	5	\$4,700	
	Folding Partition	5%			2041	**	5	\$5,900	
	Marble Panels	10%			LIFE	**			
	Plaster	35%	Now	\$13,300	LIFE	**	5	\$5,000	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Stair Towers, Fourth Floor							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Stair Towers, Fourth Floor							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Stair Towers, Fourth Floor							

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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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Interior

## Ceilings

AcousTileConcealSpLn	10%			2038	**	5	\$16,800	
AcousTileSusp.Lay-In	35%			2038	**	5	\$47,100	
Exposed Struc: Steel	5%			LIFE	**			
Glass: Susp Panels	15%			LIFE	**			
Metal Panel	5%	Now	\$44,900	LIFE	**	5	\$8,400	

*Deformed/Dented, Extent : Moderate, Area Affected : 80%*

*Location : First Floor Serving Kitchen.*

Plaster	30%			LIFE	**	5	\$25,200	
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Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2025		\$20,800	5	\$400	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Switchgear Room*

*Explanation : Service Equipment Rated At 600 Amperes - Fed From NYC Parks Services*

## Transformers

Dry Type	90%			2023		\$14,200	5	\$300	
Liquid Filled	10%			2023		\$1,600	5	\$100	

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

*Location : Sub-basement*

*Explanation : (3) 750 Kva*

## Switchgear / Switchboard

Fused Disc Sw	30%			2025		\$14,600	5	\$100	
Molded Case Bkrs	70%			2025		\$34,200	5	\$1,800	

## Raceway

Conduit	100%			2025		\$53,400	1		
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## Panelboards

Fused Disc Sw	30%			2024		\$11,200	5	\$700	
Molded Case Bkrs	70%			2024		\$26,100	5	\$1,800	

## Wiring

Braided Cloth	10%	2-4	\$5,000	2050	**	1			
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

Thermoplastic	90%			2035	**	1			
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## Motor Controllers

Locally Mounted	80%			2030	**	5	\$500		
Locally Mounted	20%			2023		\$30,200	5	\$100	

## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$1,400		
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## Stand-by Power

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2030	**	1	\$30,000	
	Generators								
	Diesel	100%			2028	\$193,600	1	\$37,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Outside The Building								
	Explanation : 200 Kw								
	Batteries								
	Lead/Acid	100%			2019	\$1,500	5	\$3,600	
	Fuel Storage								
	Main Tank	100%			2040	**	5	\$2,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Located Outside								
	Explanation : 250 Gallon								
Lighting									
	Interior Lighting								
	Fluorescent	15%			2030	**	10	\$12,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T-12 Lamps								
	HID	5%			2030	**	10	\$100	
	Incandescent	80%			2025	\$718,900	2	\$1,600	
	Egress Lighting								
	Exit, Service	50%			2025	\$6,400	1		
	Exit, Battery	50%			2025	\$20,700	10	\$3,000	
	Exterior Lighting								
	Fluorescent	25%	Now	\$78,000	2035	**			
	T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Roof Perimeter								
	HID	47%			2025	\$172,800	10	\$100	
	Incandescent	24%			2025	\$74,900	2		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Exterior								
	Explanation : Switch Operated								
	LED	4%			2030	**			
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Roof Perimeter								
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2040	**	5	\$900	
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2025	\$58,900	1	\$7,300	
	Fire/Smoke Detection								
	No Component	90%							
	Generic, Analog	10%			2025	\$100,900	1-3	\$6,200	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Natural Gas	100%			2035	* *	1		
Conversion Equipment	Steam Boiler	100%	4+	\$217,600	2030	* *	1	\$80,100	
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Boilers Past Useful Life									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Boiler Room									
Explanation : 2 Boilers									
Distribution	Ductwork/Diffusers	2%	Now	\$44,100	LIFE	* *	2-5	\$1,000	
Corroded, Extent : Severe, Area Affected : 100%									
Location : Outside									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : Boiler Flue Is Rusted Throughout New Flue Construction Started									
Central Plant Steam Piping/Pmp		98%			2025	\$1,394,300	4	\$4,300	
Terminal Devices	Air Handler	70%			2020	\$827,500	1	\$38,900	
	Convactor/Radiator	30%			2023	\$135,000	1	\$8,700	
Air Conditioning									
Energy Source	Electricity	70%			2033	* *	1		
	Steam/HW System	30%			2035	* *	1		
Conversion Equipment	Absorption Chiller/Steam/HW	55%	4+	\$1,091,900	2040	* *	1	\$48,200	
Other Observation, Extent : Light, Area Affected : 30%									
Location : Sub-basement									
Explanation : Unit Over 50 Years Old									
Ext Pkg Unit - Heating/Cooling		45%			2020	\$473,600	2	\$2,500	
Distribution	CW & CHW Wtr Pipe/Pump	30%			2025	\$30,800	4	\$1,300	
	Ductwork/Diffusers	70%			LIFE	* *	2	\$81,900	
Terminal Devices	Air Handler/Cool/Ht	100%			2020	\$942,800	1	\$55,600	
Heat Rejection	Air Cooled Condenser Unit	70%			2025	\$118,600	2	\$43,800	
	Water Cooling Tower	30%			2019	\$95,700	2	\$27,100	
Ventilation									
Distribution	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$50,100	

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK TERRACE ON THE PARK - 0026**  
**Asset # : 181**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Interior	60%			2020	\$179,500	2	\$1,700	
	Roof	40%	4+	\$22,300	2025	\$55,800	2	\$900	
	Dented, Extent : Light, Area Affected : 20%								
	Location : Rooftop								
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2030	* *	1		
	HW Heat Exchanger								
	Steam Fired	100%			2025	\$133,900	4	\$8,900	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	80%			2025	\$11,100	4	\$1,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Duplex Unit In Sump Pit								
	Submersible	20%			2019	\$600	4	\$600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 2 Units								
	Sewage Ejector(s)								
	Electric	100%			2025	\$26,300	4	\$3,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Duplex Unit								
	Backflow Preventer								
	Generic	100%			2030	* *	1	\$6,000	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 5 Units								
	Explanation : 1- Lobby To Penthouse, 1- Lower Lobby To Penthouse, 2- Lobby To Ball Room, 1- Basement To Ballroom								
Fire Suppression									
	Standpipe								
	Generic	100%			2045	* *	1-5	\$45,300	
	Sprinkler								
	Generic	100%			2045	* *	1-2	\$25,200	
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : 3 Kitchens								
	Explanation : Ansul System Serves Cooking Area								

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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>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>Priority</b>
Fire Suppression								
Fire Pump								
	Generic	100%		2034	* *	1	\$16,800	
Chemical System								
	Wet	50%		2020	\$1,000	1-3	\$2,100	
	No Component	50%						

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Sub Basement, Roof, Floors 1,2  
**Block** : 2018 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$131,000
<b>Total</b>		<b>\$131,000</b>
Importance Code B		\$131,000
<b>Total</b>		<b>\$131,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,400	\$5,600	\$7,900	
Interior Architecture	\$1,100	\$100	\$1,500	
Electrical	\$19,100	\$62,600	\$1,100	\$1,200
Mechanical	\$8,800	\$1,400	\$800	\$300
<b>Total</b>	<b>\$44,500</b>	<b>\$69,700</b>	<b>\$11,200</b>	<b>\$1,500</b>
Importance Code A	\$15,600	\$5,800	\$8,000	\$200
Importance Code B	\$28,900	\$63,900	\$3,200	\$1,300
Importance Code C				
<b>Total</b>	<b>\$44,500</b>	<b>\$69,700</b>	<b>\$11,200</b>	<b>\$1,500</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls	Metal Panel	55%	Now	\$1,500	2045	**	5	\$7,700	
		Corrosion/Rusting, Extent : Light, Area Affected : 5%							
		Location : Underside Of Corrugated Metal Soffit On The North And South Facades.							
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%							
	Location : Hole In Underside Of Soffit, At Southwest Corner								
	Metal Panel	5%			2035	**	5-10	\$2,600	
		Recent Repair Evident, Extent : Light, Area Affected : 15%							
	Location : Overhang West Side								
	Window Wall	35%			2035	**	5	\$9,900	
		Wood	5%	Now	\$3,900	2030	**	5	\$900
Paint Peeling, Extent : Moderate, Area Affected : 80%									
Location : Various Locations Throughout Blue Accent Trim.									
Split/Cracked, Extent : Moderate, Area Affected : 60%									
Location : North Facade And Trim Throughout.									
Windows									
Aluminum	100%	Now	\$5,700	2050	**	5	\$300		
	Worn/Eroded, Extent : Severe, Area Affected : 60%								
	Location : First Floor Wood Window Sills, West Facade								
Parapets									
Metal Panel	20%	Now	\$1,100	2045	**	5	\$500		
	Loose Units, Extent : Light, Area Affected : 20%								
	Location : South Side.								
Wood Rail	80%			2026	\$16,300	5-10	\$22,900		
Roof									
Modified Bitumen	90%	Now	\$400	2030	**				
	Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
	Location : Southwest Corner Of Roof								
Skylight, Metal/Glass	10%	Now	\$2,800	2035	**				
	Glazing Broken/Cracked, Extent : Light, Area Affected : 20%								
	Location : Over Entrance Foyer.								
Interior									
Floors									
Carpet	60%			2024	\$37,000	3	\$4,400		
	Carpet	5%		2026	\$3,100	3	\$400		
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Marina Office									
Cast in Place Concrete	10%			LIFE	**	5	\$1,100		
	Ceramic Tile	15%		2034	**	5	\$700		
	Quarry Tile	5%		2038	**	5	\$400		
	Vinyl Tile	5%		2030	**	3	\$100		
Interior Walls									
Concrete Masonry Unit	20%			LIFE	**	5	\$200		
	Gypsum Board	75%		LIFE	**	5	\$900		
	Wood	5%		LIFE	**	5	\$400		

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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Ceilings									
AcousTileSusp.Lay-In	20%	Now	\$800	2030	* *	5	\$500		
Broken/Missing Elements, Extent : Severe, Area Affected : 60%									
Location : Storage Room Located On West Side Of Building									
Staining/Discoloring, Extent : Moderate, Area Affected : 60%									
Location : Kitchen And Electrical Room.									
Exposed Struc: Steel	15%			LIFE	* *				
Gypsum Board	65%			LIFE	* *	5	\$3,900		
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%			2025	\$1,500	5	\$100		
Suspect Water Damage, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : One Electrical Service Rated At 2,000 Amperes									
Transformers									
Dry Type	100%			2023	\$15,800	5	\$100		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electric Room									
Explanation : 500 Kva And 75 Kva									
Switchgear / Switchboard									
Fused Disc Sw	100%			2025	\$32,300	5	\$100		
Raceway									
Conduit	100%			2025	\$31,300	1			
Panelboards									
Fused Disc Sw	40%			2024	\$6,000	5	\$100		
Molded Case Bkrs	50%			2024	\$7,500	5	\$200		
Molded Case Bkrs	10%			2047	* *	5			
Wiring									
Braided Cloth	30%	2-4	\$8,300	2050	* *	1			
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Thermoplastic	70%			2025	\$19,400	1			
Motor Controllers									
Locally Mounted	100%			2023	\$30,200	5	\$100		
Ground									
Grounding Devices									
Generic	100%	2-4	\$9,500	LIFE	* *	5	\$200		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Mechanical Room									
Explanation : Corroded									

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**  
**Asset # : 1066**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
Generators									
	Natural Gas	100%			2028	\$73,000	1	\$5,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Exterior									
Explanation : 17kw									
Lighting									
Interior Lighting									
	Fluorescent	40%			2020	\$12,900	10	\$1,200	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%									
Location : Offices And Kitchen									
	LED	60%			2030	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Main Dining Room									
Explanation : Downlights									
Egress Lighting									
	Exit, Service	20%			2020	\$100	1		
	Exit, Battery	80%			2025	\$1,200	10	\$200	
Other Observation, Extent : Light, Area Affected : 80%									
Location : Throughout The Building									
Explanation : Combination Type.									
Exterior Lighting									
	HID	30%			2020	\$15,800	10		
	Incandescent	70%			2020	\$31,400	2		
Alarm									
Security System									
	No Component	60%							
	Generic	40%			2025	\$16,900	1	\$2,100	
Fire/Smoke Detection									
	No Component	60%							
	Generic, Analog	40%			2025	\$57,900	1-3	\$3,600	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source									
	Natural Gas	100%			2045	**	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**  
**Asset # : 1066**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	50%			2025	\$3,600	1	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Marina Office And Roof							
		Explanation : 1 Furnace Serves Marina Office, 2 Heat/ Cool Units On Roof Serve Restaurant							
	Hot Water Boiler	50%			2030	**	1	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Boiler							
Distribution									
	Ductwork/Diffusers	50%			LIFE	**	2-5	\$900	
	Hot Wtr Piping/Pump	50%			2033	**	4	\$100	
Terminal Devices									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Restaurant							
		Explanation : Units In Ceiling							
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	**	1		
	Conversion Equipment								
	Reciprocating	40%			2025	\$10,300	1	\$600	
	Compr/Chiller	R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : All Units							
	Exterior Pkg Unit -	40%			2025	\$9,800	2	\$100	
	Cooling	R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : All Units							
	Split Unit	20%			2030	**			
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%	4+	\$8,400	LIFE	**	2-5	\$1,800	
		Bent, Extent : Moderate, Area Affected : 30%							
		Location : Roof							
Exhaust Fans									
	Interior	80%			2025	\$8,600	2	\$100	
	Roof	20%			2020	\$1,000	2		
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2030	**	1		
	Water Heater								
	Gas Fired	100%			2023	\$1,800	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 - 275 Gallon 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.*

**DEPT. OF PARKS & RECREATION - 846**  
**FLUSHING MEADOWS CORONA PARK W. F. MARINA OFFICE / RESTAURANT**  
**Asset # : 1066**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%	Now	\$100	2030	* *	4	\$600	
			Noisy/Vibrating, Extent : Light, Area Affected : 5%						
			Location : Boiler Room						
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2030	* *	1		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Boiler Room						
			Explanation : Serves Boiler Only						
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	15%							
	Generic	85%			2045	* *	1-2	\$800	
			Other Observation, Extent : Light, Area Affected : 5%						
			Location : Kitchen						
			Explanation : Ansul System For Cooking Area						
	Chemical System								
	Wet	5%			2020	\$100	1-3	\$200	
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15,395 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$285,500	\$52,600
Interior Architecture		\$107,300
<b>Total</b>	<b>\$285,500</b>	<b>\$159,900</b>
Importance Code A	\$285,500	\$52,600
Importance Code B		\$56,500
Importance Code C		\$50,700
<b>Total</b>	<b>\$285,500</b>	<b>\$159,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture				
Electrical		\$29,000		
Mechanical	\$7,100			
<b>Total</b>	<b>\$7,100</b>	<b>\$29,000</b>		
Importance Code A				
Importance Code B	\$7,100	\$29,000		
<b>Total</b>	<b>\$7,100</b>	<b>\$29,000</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**  
**FLUSHING MEADOWS CORONA PARK ZOO - COYOTE EXHIBIT**  
**Asset # : 810**

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%	Now	\$177,800	LIFE	**	5	\$52,600	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%			2038	**	5	\$34,500	
Wood	30%			2038	**	5	\$39,500	

## Roof

Asphalt Shingle	100%	Now	\$107,700	2040	**			
<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>								

## Interior

## Floors

Cast in Place Concrete	100%			LIFE	**	5	\$56,500	
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## Interior Walls

Wood	100%			LIFE	**	5	\$50,700	
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## Ceilings

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

## Under 600 Volts

## Raceway

Not Accessible	100%								
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## Panelboards

Molded Case Bkrs	100%			2033	**	5	\$400		
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## Wiring

Not Accessible	100%								
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## Ground

## Grounding Devices

Not Accessible	100%								
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## Lighting

## Exterior Lighting

HID	50%	2020	\$29,000	10
<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
<i>Location : Building Exterior</i>				
<i>Explanation : Operated Via Time Clock</i>				

No Component	50%								
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Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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**  
**FLUSHING MEADOWS CORONA PARK ZOO - COYOTE EXHIBIT**  
**Asset # : 810**

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

## Plumbing

H/C Water Piping

Brass/Copper

90%

2045

\* \* 1

Galvanized Steel

10% Now

\$7,100

2045

\* \* 1

*Other Observation, Extent : Moderate, Area Affected : 10%**Location : Outside**Explanation : Broken Valve At Pool*

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

*Estimates are rounded to the nearest hundred dollars.*

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

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 24,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$205,100
Interior Architecture	\$87,900	\$79,100
<b>Total</b>	<b>\$87,900</b>	<b>\$284,200</b>
Importance Code A		\$205,100
Importance Code C	\$87,900	\$79,100
<b>Total</b>	<b>\$87,900</b>	<b>\$284,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$11,000			
<b>Total</b>	<b>\$11,000</b>			
Importance Code A				
Importance Code B	\$11,000			
<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**  
**FLUSHING MEADOWS CORONA PARK ZOO - ELK EXHIBIT**  
**Asset # : 811**

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								
	Wood	100%			2038	* *	5	\$205,100	
	Roof								
	Wood Shingles	100%			2034	* *	10	\$16,300	
Interior									
	Floors								
	Asphalt Poured	20%	Now	\$11,000	2045	* *	5	\$2,000	
		Worn/Eroded, Extent : Severe, Area Affected : 50%							
		Location : Night Holding Pens							
	No Component	80%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Earth							
	Interior Walls								
	Wood	100%	2-4	\$87,900	LIFE	* *	5	\$79,100	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 50%							
		Location : Wood Support Post Bases							
	Ceilings								
	Exposed Struc: Wood	100%			LIFE	* *			

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2018 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$92,600	\$59,900
Interior Architecture		\$201,900
Electrical		\$91,000
Mechanical	\$204,400	
<b>Total</b>	<b>\$296,900</b>	<b>\$352,800</b>
Importance Code A	\$296,900	\$59,900
Importance Code B		\$292,900
<b>Total</b>	<b>\$296,900</b>	<b>\$352,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$20,200		\$900
Interior Architecture				
Electrical	\$700	\$21,300	\$500	\$700
Mechanical	\$400	\$11,700	\$400	\$1,500
<b>Total</b>	<b>\$1,100</b>	<b>\$53,200</b>	<b>\$900</b>	<b>\$3,100</b>
Importance Code A		\$21,300		\$2,000
Importance Code B	\$1,100	\$31,900	\$900	\$1,100
Importance Code C				
<b>Total</b>	<b>\$1,100</b>	<b>\$53,200</b>	<b>\$900</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**  
**FLUSHING MEADOWS CORONA PARK ZOO - PUMA/BOBCAT EXHIBIT**  
**Asset # : 812**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Concrete Masonry Unit	100%			LIFE	* *	5	\$11,800	
	Windows								
	Aluminum	100%			2047	* *	5	\$1,700	
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Bobcat Holding Pen								
	Parapets								
	Metal Rail	100%			2042	* *	5-10	\$152,400	
	Roof								
	Modified Bitumen	90%			2030	* *	10	\$20,200	
	Skylight, Plastic	10%			2038	* *	1		
Interior									
	Floors								
	Cast in Place Concrete	100%			LIFE	* *	5	\$40,400	
	Interior Walls								
	Concrete Masonry Unit	100%			LIFE	* *	5	\$3,600	
	Ceilings								
	Wood	100%			LIFE	* *	5	\$161,500	
Electrical									
		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	* *	5		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Puma Holding Area, Electrical Room								
	Explanation : 100 Amperes - Fed From Administration Building								
	Transformers								
	Dry Type	100%			2030	* *	5		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Puma Holding Area, Electrical Room								
	Explanation : 30 Kva								
	Raceway								
	Conduit	100%			2035	* *	1		
	Wiring								
	Thermoplastic	100%			2035	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2025	\$27,000	10	\$11,300	
	T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
	Location : Throughout								

*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 ZOO - PUMA/BOBCAT EXHIBIT**  
**Asset # : 812**

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

**Lighting**

## Exterior Lighting

## HID

50%

2020

\$20,700

10

*Other Observation, Extent : Light, Area Affected : 100%**Location : On Building Exterior**Explanation : Quartz Halogen On Timer*

## No Component

50%

**Alarm**

## Fire/Smoke Detection

## No Component

20%

## Generic, Analog

80%

2025

\$91,000

1-3

\$5,600

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

**Heating**

## Energy Source

## Electricity

100%

2045

\* \*

1

## Conversion Equipment

## Radiant Heater

100%

2020

\$204,400

2

\$5,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : Ceiling Mounted*

## Terminal Devices

## Convactor/Radiator

100%

2038

\* \*

1

\$4,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : Ceiling Mounted***Plumbing**

## H/C Water Piping

## Galvanized Steel

100%

2030

\* \*

1

## Water Heater

## Electric

100%

2020

\$10,200

4

\$100

*Other Observation, Extent : Light, Area Affected : 20%**Location : Under Sink**Explanation : 20 Gallons*

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

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : FOREST PARK BANDSHELL - 11  
**Address** : MYRTLE AVE, UNION TPKE,  
**Borough** : QUEENS **Agency's Number** : Q015-17  
**Program / Asset #** : PAR0011.110 / 207 **Yr Built/Renovated** : 1932 / 2001  
**Area Sq Ft** : 2,724 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$103,900	\$147,400
Interior Architecture		\$74,800
<b>Total</b>	<b>\$103,900</b>	<b>\$222,300</b>
Importance Code A	\$103,900	\$147,400
Importance Code B		\$74,800
<b>Total</b>	<b>\$103,900</b>	<b>\$222,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$2,700	\$3,200	\$1,300	
Interior Architecture	\$7,300		\$5,300	\$25,700
Electrical				
Mechanical		\$2,300		
<b>Total</b>	<b>\$10,000</b>	<b>\$5,500</b>	<b>\$6,600</b>	<b>\$25,700</b>
Importance Code A	\$2,700	\$3,200	\$1,300	
Importance Code B	\$4,300	\$2,300	\$5,400	\$25,700
Importance Code C	\$3,000			
<b>Total</b>	<b>\$10,000</b>	<b>\$5,500</b>	<b>\$6,600</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**  
**FOREST PARK BANDSHELL - 11**  
**Asset # : 207**

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									
	Glazed Ceramic Panel	50%			LIFE	**	5	\$147,400	
	Masonry: Granite	5%			LIFE	**	5	\$2,400	
	Metal Panel	2%	2-4	\$2,700	2045	**	5	\$2,400	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
	Location : South Exit								
	Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
	Location : South Exit								
	Metal Coiling Doors	5%			2038	**	5	\$9,800	
	Stucco Cement	38%			2038	**	5	\$59,800	
Windows									
	Aluminum	100%			2041	**	5	\$2,500	
Parapets									
	Concrete Masonry Unit	45%			LIFE	**	5	\$2,600	
	Glazed Ceramic Panel	50%			2045	**	5-10	\$27,200	
	Pre-Cast Concrete	5%			LIFE	**	5	\$1,600	
Roof									
	Built-Up (BUR)	100%			2030	**	10	\$103,900	
Interior									
Floors									
	Cast in Place Concrete	40%			LIFE	**	5	\$74,800	
	Ceramic Tile	10%			2034	**	5	\$8,600	
	Vinyl Tile	50%			2030	**	3	\$16,000	
Interior Walls									
	Ceramic Tile	10%			2034	**	5	\$5,900	
	Concrete Masonry Unit	40%			LIFE	**	5	\$9,500	
	Gypsum Board	50%			LIFE	**	5	\$17,800	
Ceilings									
	AcousTileSusp.Lay-In	60%			2042	**	5	\$51,300	
	Exposed Concrete	10%			LIFE	**	5	\$1,300	
	Exposed Struc: Steel	10%			LIFE	**			
	Plaster	20%			LIFE	**	5	\$10,700	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 400 Amperes							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2035	**	5		
	Raceway								
	Conduit	100%			2035	**	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK BANDSHELL - 11**  
**Asset # : 207**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Molded Case Bkrs	100%			2033	* *	5	\$100	
Wiring									
	Thermoplastic	100%			2035	* *	1		
Motor Controllers									
	Locally Mounted	100%			2030	* *	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5		
Lighting									
Interior Lighting									
	Fluorescent	100%			2025	\$6,000	10	\$2,500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
Egress Lighting									
	Exit, Battery	100%			2025	\$2,500	10	\$200	
Exterior Lighting									
	HID	50%			2025	\$5,100	10		
	Incandescent	50%			2025	\$4,400	2		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	* *	1		
	Conversion Equipment								
	Window/Wall Unit	40%			2023	\$2,100	1		
	No Component	60%							
Ventilation									
	Exhaust Fans								
	Roof	100%			2030	* *	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
	Water Heater								
	Electric	100%			2020	\$2,200	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2030	* *	1	\$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.



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK BANDSHELL - 11**  
**Asset # : 207**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

<b>Asset Name</b>	: FOREST PARK CAROUSEL - 28		
<b>Address</b>	: MYRTLE AVE, UNION TPKE,		
<b>Borough</b>	: QUEENS	<b>Agency's Number</b>	: Q015-15
<b>Program / Asset #</b>	: PAR0011.280 / 212	<b>Yr Built/Renovated</b>	: 1932 / 2001
<b>Area Sq Ft</b>	: 3,200	<b>Project Type</b>	: PARKS AND RECREATION
<b>Date of Survey</b>	: 05-Sep-2013	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	: Roof, Floors 1		
<b>Block</b>	: 3907	<b>Lot</b>	: 1050
		<b>BIN</b>	:

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$10,300		
Interior Architecture				
Electrical				
<b>Total</b>		<b>\$10,300</b>		
Importance Code A		\$10,300		
Importance Code B				
<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**  
**FOREST PARK CAROUSEL - 28**  
**Asset # : 212**

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

## Exterior

## Exterior Walls

Metal Panel	5%		2045	**	5-10	\$2,500		
Metal Coiling Doors	85%		2030	**	5	\$19,200		
Wood	10%		2038	**	5	\$3,600		

## Roof

Asphalt Shingle	100%		2028		\$27,800	10		\$1,300
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## Interior

## Floors

Cast in Place Concrete	100%		LIFE	**	5	\$9,400		
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## Ceilings

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

## Under 600 Volts

## Service Equipment

Molded Case Bkrs	100%		2035	**	5	\$100		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : 1st Floor*

*Explanation : Main Service Switch Rated @ 100 Amperes*

## Raceway

Conduit	100%		2035	**	1			
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## Panelboards

Molded Case Bkrs	100%		2033	**	5	\$100		
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## Wiring

Thermoplastic	100%		2035	**	1			
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## Ground

## Grounding Devices

Not Accessible	100%							
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## Lighting

## Interior Lighting

HID	50%		2025		\$11,800	10		
Incandescent	50%		2025		\$7,500	2		

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11,363 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$890,300	
Interior Architecture	\$256,800	\$64,300
Electrical	\$42,800	\$130,500
<b>Total</b>	<b>\$1,189,900</b>	<b>\$194,800</b>
Importance Code A	\$890,300	
Importance Code B	\$257,000	\$194,800
Importance Code C	\$42,600	
<b>Total</b>	<b>\$1,189,900</b>	<b>\$194,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$53,600		\$700	
Interior Architecture	\$56,500			\$400
Electrical	\$9,900	\$34,800	\$400	\$400
Mechanical	\$3,200	\$2,000	\$700	\$700
<b>Total</b>	<b>\$123,300</b>	<b>\$36,800</b>	<b>\$1,900</b>	<b>\$1,500</b>
Importance Code A	\$54,300	\$700	\$1,400	\$600
Importance Code B	\$65,800	\$36,100	\$500	\$800
Importance Code C	\$3,200			
<b>Total</b>	<b>\$123,300</b>	<b>\$36,800</b>	<b>\$1,900</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**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**  
**Asset # : 208**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	85%	Now	\$250,100	LIFE	* *	5	\$27,700	1
		Diagonal Cracks, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 25%							
		Location : North Facade							
		Rusting Masonry Supt, Extent : Severe, Area Affected : 50%							
		Location : At Masonry Openings							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
	Metal Coiling Doors	7%			2038	* *	5	\$7,100	
	Stucco Cement	3%	Now	\$5,600	2030	* *	5	\$1,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : West Facade							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : West Facade							
	Wood	5%	Now	\$42,600	2030	* *	5	\$4,100	1
		Deteriorated Finish, Extent : Severe, Area Affected : 50%							
		Location : Door Openings							
		Split/Cracked, Extent : Severe, Area Affected : 25%							
		Location : Clearstories							
		Worn/Eroded, Extent : Severe, Area Affected : 25%							
		Location : Door Openings, Clearstories							
Windows									
	Aluminum	90%			2041	* *	5	\$1,500	
	Wood	10%	Now	\$4,600	2050	* *	5	\$800	
		Deteriorated Finish, Extent : Severe, Area Affected : 50%							
		Location : West Facade							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : West Facade							
		Split/Cracked, Extent : Severe, Area Affected : 50%							
		Location : West Facade							

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**

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									
	Parapets								
	Masonry: Brick	95%	Now	\$317,500	LIFE	* *	5	\$11,000	1
		Diagonal Cracks, Extent : Severe, Area Affected : 15%							
		Location : Corners							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Worn/Eroded, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
	Masonry: Limestone	5%	Now	\$18,200	LIFE	* *	5	\$700	1
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Coping							
		Caulking Deteriorated, Extent : Severe, Area Affected : 50%							
		Location : Coping							
Roof									
	Asphalt Shingle	20%	Now	\$25,100	2040	* *			1
		Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
		Location : Over Clearstories							
		Worn/Eroded, Extent : Severe, Area Affected : 50%							
		Location : Over Clearstories							
	IRMA/Protected Membrane	50%	Now	\$145,800	2035	* *			1
		Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 25%							
		Location : Over Tool Room							
		Worn/Eroded, Extent : Severe, Area Affected : 50%							
		Location : Over Tool Room							
	Modified Bitumen	25%	Now	\$53,200	2035	* *			
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Seams Open/Split, Extent : Severe, Area Affected : 15%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Over Wood Shop							
	Skylight, Metal/Glass	5%	Now	\$81,000	2045	* *			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Over Shops							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Over Shops							
		Explanation : Three Skylights							

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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	70%	Now	\$28,400	LIFE	* *	5	\$29,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Welding Area							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Welding Area							
	Ceramic Tile	5%			2028	\$18,900	5	\$1,000	
	Vinyl Tile	15%	Now	\$24,900	2035	* *	3	\$1,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 50%							
		Location : Corridors							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Corridors							
	Wood	10%			2028	\$64,300	5	\$3,700	
Interior Walls									
	Concrete Masonry Unit	15%	Now	\$3,200	LIFE	* *	5	\$300	
		Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Around Windows Throughout							
	Gypsum Board	10%			LIFE	* *	5	\$300	
	Masonry: Brick	75%	Now	\$42,600	LIFE	* *			
		Paint Peeling, Extent : Severe, Area Affected : 75%							
		Location : Throughout							
		Painted Surfaces, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Staining/Discoloring, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
Ceilings									
	Exposed Concrete	65%	Now	\$122,400	LIFE	* *	5	\$2,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Tool Room							
		Exposed Reinforcement, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 25%							
		Location : Tool Room							
	Exposed Struc: Wood	25%	Now	\$91,800	LIFE	* *			
		Split/Cracked, Extent : Moderate, Area Affected : 15%							
		Location : Shops							
		Staining/Discoloring, Extent : Moderate, Area Affected : 30%							
		Location : Shops							
		Water Penetration, Extent : Severe, Area Affected : 30%							
		Location : Shops							
	Wood	10%			LIFE	* *	5	\$17,100	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK CARPENTER/BLACKSMITH - 12**  
**Asset # : 208**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	* *	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : Main Service Switch Rated @ 800 Amperes								
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2035	* *	5		
	Raceway								
	Conduit	100%			2035	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2033	* *	5	\$300	
	Wiring								
	Thermoplastic	100%			2035	* *	1		
Ground									
	Grounding Devices								
	Generic	100%	2-4	\$9,500	LIFE	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Water Main Area								
	Explanation : Corroded								
Lighting									
	Interior Lighting								
	Fluorescent	100%			2025	\$130,500	10	\$12,000	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T-12 Lamps								
	Exterior Lighting								
	HID	100%			2020	\$42,800	10		
Alarm									
	Security System								
	Generic	100%			2020	\$34,300	1	\$4,200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Intrusion Alarm System								

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2035	* *	1		
	Conversion Equipment								
	Furnace	100%			2025	\$28,700	1	\$6,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : 8 Units								

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

**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>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>Priority</b>
Air Conditioning								
	Energy Source							
	Electricity	100%		2033	**	1		
	Conversion Equipment							
	Window/Wall Unit	10%		2019	\$2,500	1		
	No Component	90%						
Ventilation								
	Exhaust Fans							
	Wall Unit	30%		2020	\$1,300	2	\$100	
	No Component	70%						
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2035	**	1		
	Water Heater							
	Gas Fired	100%		2023	\$7,400	2	\$200	
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	**	1		
Fixtures								
	Generic	100%						
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : All Fixtures In Poor Condition								

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13,184 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$803,000	\$88,100
Interior Architecture	\$173,900	\$42,100
Electrical	\$39,800	\$199,600
<b>Total</b>	<b>\$1,016,700</b>	<b>\$329,800</b>
Importance Code A	\$803,000	\$88,100
Importance Code B	\$170,900	\$241,700
Importance Code C	\$42,800	
<b>Total</b>	<b>\$1,016,700</b>	<b>\$329,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$10,700		\$1,300	
Interior Architecture	\$3,100			\$300
Electrical	\$700	\$2,000	\$500	\$500
Mechanical	\$1,100	\$18,800	\$1,700	\$1,100
<b>Total</b>	<b>\$15,600</b>	<b>\$20,800</b>	<b>\$3,500</b>	<b>\$1,900</b>
Importance Code A	\$11,500	\$700	\$2,000	\$700
Importance Code B	\$1,800	\$20,000	\$1,500	\$1,100
Importance Code C	\$2,300			
<b>Total</b>	<b>\$15,600</b>	<b>\$20,800</b>	<b>\$3,500</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**  
**FOREST PARK ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	20%	Now	\$113,400	LIFE	**	5	\$50,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : West Facade								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : West Facade								
	Explanation : West Facade Is Two Stories								
	Masonry: Brick	75%	Now	\$341,400	LIFE	**	5	\$37,800	1
	Diagonal Cracks, Extent : Severe, Area Affected : 25%								
	Location : Chimney, Corners								
	Rusting Masonry Supt, Extent : Severe, Area Affected : 50%								
	Location : Masonry Openings								
	Spalling, Extent : Severe, Area Affected : 25%								
	Location : East Facade								
	Worn/Eroded, Extent : Severe, Area Affected : 25%								
	Location : Throughout								
	Masonry: Limestone	3%			LIFE	**	5	\$1,100	
	Metal Sect. OHD	2%			2038	**	5	\$3,100	
Windows									
	Aluminum	100%			2041	**	5	\$2,600	
Parapets									
	Cast Stone/Terra Cotta	3%	Now	\$5,300	LIFE	**	5	\$800	1
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
	Location : Coping								
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%								
	Location : Coping								
	Masonry: Brick	92%	Now	\$92,300	LIFE	**	5	\$3,200	1
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Spalling, Extent : Severe, Area Affected : 25%								
	Location : Throughout								
	Worn/Eroded, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Masonry: Limestone	5%	Now	\$5,500	LIFE	**	5	\$200	1
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Coping								
	Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
	Location : Coping								

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

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									
	IRMA/Protected Membrane	95%	Now	\$214,200	2035	**			1
		Drains Inad/Misposn, Extent : Moderate, Area Affected : 50% Location : Throughout							
		Insul Miss/Displaced, Extent : Severe, Area Affected : 50% Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 25% Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 25% Location : Paint Shop							
	Skylight, Metal/Glass	5%	Now	\$41,800	2035	**			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 20% Location : Over Shops							
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Over Shops							
		Explanation : Two Skylights							
Interior									
Floors									
	Cast in Place Concrete	85%			LIFE	**	5	\$42,100	
	Ceramic Tile	5%			2034	**	5	\$1,100	
	Vinyl Tile	10%			2025	\$19,200	3	\$1,100	
Interior Walls									
	Gypsum Board	10%			LIFE	**	5	\$300	
	Masonry: Brick	65%	Now	\$42,800	LIFE	**			
		Diagonal Cracks, Extent : Moderate, Area Affected : 10% Location : Paint Shop							
		Paint Peeling, Extent : Moderate, Area Affected : 25% Location : Throughout							
		Painted Surfaces, Extent : Moderate, Area Affected : 100% Location : Throughout							
		Spalling, Extent : Severe, Area Affected : 25% Location : Electrical Shop							
		Water Penetration, Extent : Severe, Area Affected : 5% Location : Paint Shop							
	Plaster	25%	Now	\$2,300	LIFE	**	5	\$400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Toilets							
		Water Penetration, Extent : Moderate, Area Affected : 10% Location : Toilets							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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 ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

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

## Interior

## Ceilings

Exposed Concrete      90%    Now      \$131,100    LIFE      \* \*    5      \$3,200

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

*Location : Throughout*

*Exposed Reinforcement, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

*Water Penetration, Extent : Moderate, Area Affected : 25%*

*Location : Paint Shops, Electrical Shop*

Wood      10%      LIFE      \* \*    5      \$19,800

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

## Under 600 Volts

## Raceway

Conduit      100%      2025      \$31,300    1

## Panelboards

Molded Case Bkrs      100%      2024      \$14,900    5      \$300

## Wiring

Thermoplastic      100%      2025      \$27,700    1

## Lighting

## Interior Lighting

Fluorescent      99%      2025      \$149,900    10      \$13,800

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

*Location : Throughout The Building*

*Explanation : T-12 Lamp*

Incandescent      1%      2020      \$1,500    2

## Exterior Lighting

HID      100%      2025      \$49,700    10

## Alarm

## Security System

Generic      100%      2020      \$39,800    1      \$4,900

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

*Location : Roof*

*Explanation : CCTV Surveillance Camera System*

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

## Heating

## Energy Source

Natural Gas      100%      2051      \* \*    1

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

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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 ELECTRICAL AND MASONRY - 14**  
**Asset # : 210**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
	Conversion Equipment							
	Hot Water Boiler	100%		2042	**	1	\$7,500	
	<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%		2033	**	4	\$700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : New Hot Water Pump Has Been Installed</i>							
	Terminal Devices							
	Convactor/Radiator	60%		2030	**	1	\$2,900	
	Unit Heater - Steam	40%		2025	\$20,200	4	\$600	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2033	**	1		
	Conversion Equipment							
	Window/Wall Unit	60%		2020	\$17,700	1		
	No Component	40%						
<b>Ventilation</b>								
	Exhaust Fans							
	Roof	20%		2025	\$4,700	2	\$100	
	Wall Unit	20%		2025	\$1,000	2	\$100	
	No Component	60%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%		2035	**	1		
	Water Heater							
	Gas Fired	100%		2024	\$8,600	2	\$200	
	Sanitary Piping							
	Cast Iron	100%		LIFE	**	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	**	1		
	Fixtures							
	Generic	100%						

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 05-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$2,215,400	\$786,900
Interior Architecture	\$142,300	\$72,700
Electrical	\$81,800	\$5,100
Mechanical		\$58,500
<b>Total</b>	<b>\$2,439,500</b>	<b>\$923,200</b>
Importance Code A	\$2,215,400	\$786,900
Importance Code B	\$147,200	\$136,300
Importance Code C	\$76,900	
<b>Total</b>	<b>\$2,439,500</b>	<b>\$923,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$20,400	\$12,800	\$700	
Interior Architecture	\$27,000			\$200
Electrical		\$2,200	\$300	\$200
Mechanical	\$36,800	\$20,900	\$1,900	\$1,500
<b>Total</b>	<b>\$84,200</b>	<b>\$35,800</b>	<b>\$2,900</b>	<b>\$2,000</b>
Importance Code A	\$21,500	\$13,900	\$1,900	\$1,200
Importance Code B	\$55,900	\$21,900	\$1,000	\$800
Importance Code C	\$6,800			
<b>Total</b>	<b>\$84,200</b>	<b>\$35,800</b>	<b>\$2,900</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**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%	Now	\$54,800	LIFE	* *	5	\$9,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Building Base								
	Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
	Location : Building Base								
	Vertical Cracks, Extent : Moderate, Area Affected : 25%								
	Location : Building Base								
	Cast in Place Concrete	18%			LIFE	* *	5	\$17,500	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : North And South Wings								
	Masonry: Brick	2%			LIFE	* *	5	\$400	
	Window Wall	30%	Now	\$280,300	2055	* *	5	\$10,900	1
	Glazing Broken/Cracked, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Staining/Discoloring, Extent : Severe, Area Affected : 75%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Other Observation, Extent : Severe, Area Affected : 50%								
	Location : Structural Members								
	Explanation : Corrosion And Rusting								
	Window Wall	35%			2055	* *	5	\$25,500	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : North And South Wings								
	Wood	5%	Now	\$20,400	2038	* *	5	\$2,400	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Office Wing								
	Paint Peeling, Extent : Severe, Area Affected : 50%								
	Location : Office Wing								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Office Wing								
Windows									
	Aluminum	50%			2041	* *	5	\$1,500	
	Wood	50%	Now	\$41,400	2050	* *	5	\$7,400	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Office Wing								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : Office Wing								
	Split/Cracked, Extent : Moderate, Area Affected : 50%								
	Location : Office Wing								

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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Slate	10%			LIFE	**			
	Sloped Glazing	40%	Now	\$1,838,900	LIFE	**	5	\$349,700	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Corrosion/Rusting, Extent : Severe, Area Affected : 50%							
		Location : Structural Members							
		Water Penetration, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
	Sloped Glazing	50%			LIFE	**	5	\$437,200	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : North And South Wings							
Interior									
Floors									
	Cast in Place Concrete	45%	Now	\$65,400	LIFE	**	5	\$34,400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Cast in Place Concrete	50%			LIFE	**	5	\$38,300	
		Recent Repair Evident, Extent : Light, Area Affected : 50%							
		Location : North And South Wings							
	Vinyl Tile	5%			2025	\$14,800	3	\$900	
Interior Walls									
	Cast in Place Concrete	35%	Now	\$76,900	LIFE	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Cast in Place Concrete	50%			LIFE	**			
		Recent Repair Evident, Extent : Light, Area Affected : 50%							
		Location : North And South Wings							
	Masonry: Brick	10%	Now	\$6,800	LIFE	**			
		Paint Peeling, Extent : Severe, Area Affected : 50%							
		Location : At Chimney							
		Painted Surfaces, Extent : Moderate, Area Affected : 100%							
		Location : At Chimney							
		Staining/Discoloring, Extent : Severe, Area Affected : 25%							
		Location : At Chimney							
	Wood	5%			LIFE	**	5	\$1,700	

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.



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	Plaster	5%	Now	\$6,900	LIFE	**	5	\$1,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Boiler Room							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Boiler Room							
	Wood	10%	Now	\$13,100	LIFE	**	5	\$30,600	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Office							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	No Component	85%							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2051	**	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Main Service Switch Rated @ 400 Amperes							
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2051	**	5	\$500	
Raceway									
	Conduit	50%			2025	\$1,900	1		
	Conduit	50%			2051	**	1		
Panelboards									
	Molded Case Bkrs	50%			2033	**	5	\$300	
	Molded Case Bkrs	50%			2047	**	5	\$300	
Wiring									
	Thermoplastic	50%			2035	**	1		
	Thermoplastic	50%			2051	**	1		
Motor Controllers									
	Locally Mounted	100%			2042	**	5	\$100	
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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Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	10%			2025	\$5,100	10	\$2,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Greenhouse							
		Explanation : Compact Fluorescent Light Fixtures							
	Fluorescent	10%			2020	\$5,100	10	\$2,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Office							
		Explanation : T-12 Lamps							
	Fluorescent	80%			2033	* *	10	\$17,100	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Egress Lighting								
	Exit, Service	100%			2033	* *	1		
	Exterior Lighting								
	HID	100%			2020	\$76,700	10	\$100	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	50%			2051	* *	1		
Interruptible Gas/Dual Fuel	50%			2035	* *	1		
Conversion Equipment								
Furnace	50%			2033	* *	1	\$5,800	
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Explanation : 8 New Units							
Hot Water Boiler	50%			2030	* *	1	\$5,800	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Basement							
	Explanation : 2 Units							
Distribution								
Hot Wtr Piping/Pump	50%	Now	\$900	2033	* *	4	\$600	
	Corroded, Extent : Severe, Area Affected : 10%							
	Location : Basement							
No Component	50%							
Terminal Devices								
Convactor/Radiator	50%	0-2	\$5,800	2023	\$58,500	1	\$3,400	
	Corroded, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
No Component	50%							

**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**  
**FOREST PARK GREENHOUSE - 21**  
**Asset # : 211**

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%			2033	* *	1		
	Conversion Equipment								
	Window/Wall Unit	10%			2019	\$4,600	1		
	No Component	90%							
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2033	* *	2	\$700	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$16,300	2035	* *	1		
			Corroded, Extent : Moderate, Area Affected : 20%						
			Location : Throughout						
	Water Heater								
	Electric	100%			2020	\$19,200	4	\$200	
	Sanitary Piping								
	Cast Iron	100%	0-2	\$8,000	LIFE	* *	1		
			Corroded, Extent : Moderate, Area Affected : 10%						
			Location : Basement						
	Sump Pump(s)								
	Non-Submersible	100%			2033	* *	4	\$400	
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,etc  
**Block** : 3907 **Lot** : 1050 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$104,300	\$102,300
Electrical	\$52,000	\$363,900
Mechanical		\$719,700
<b>Total</b>	<b>\$156,300</b>	<b>\$1,185,900</b>
Importance Code A	\$104,300	\$102,300
Importance Code B	\$52,000	\$1,083,600
<b>Total</b>	<b>\$156,300</b>	<b>\$1,185,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$33,400			
Interior Architecture	\$1,100	\$10,600	\$1,700	
Electrical	\$1,500	\$1,400	\$1,300	\$1,500
Mechanical	\$12,800	\$14,300	\$3,900	\$1,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$52,800</b>	<b>\$30,300</b>	<b>\$10,900</b>	<b>\$7,300</b>
Importance Code A	\$34,100	\$800	\$800	\$800
Importance Code B	\$18,100	\$29,600	\$10,100	\$6,500
Importance Code C	\$500			
<b>Total</b>	<b>\$52,800</b>	<b>\$30,300</b>	<b>\$10,900</b>	<b>\$7,300</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 OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

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	25%				LIFE	**	5	\$6,600	
Wood	75%	Now	\$104,300	2030		**	5	\$49,800	

*Deteriorated Finish, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

*Split/Cracked, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

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

*Location : Throughout*

*Explanation : This Component Is Actually Wood Shingles.*

**Windows**

Wood	100%	Now	\$22,900	2033		**	5	\$20,400	
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*Deteriorated Finish, Extent : Moderate, Area Affected : 25%*

*Location : First Floor*

*Unit Inoperable, Extent : Moderate, Area Affected : 50%*

*Location : First Floor*

**Roof**

Asphalt Shingle	100%	Now	\$10,500	2028	\$52,500				
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*Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

**Interior**

**Floors**

Carpet	10%			2024	\$28,900		3	\$3,400	
Cast in Place Concrete	5%			LIFE		**	5	\$2,500	
Ceramic Tile	5%			2034		**	5	\$1,100	
Terrazzo	10%			LIFE		**	5	\$1,800	
Vinyl Tile	20%			2030		**	3	\$1,700	
Wood	50%			2040		**	5	\$21,300	

**Interior Walls**

Ceramic Tile	5%			2034		**	5	\$1,100	
Gypsum Board	20%			LIFE		**	5	\$2,600	
Plaster	65%			LIFE		**	5	\$4,200	
Wood	10%			LIFE		**	5	\$8,700	

**Ceilings**

Exposed Struc: Wood	5%			LIFE		**			
Gypsum Board	20%			LIFE		**	5	\$5,700	
Plaster	75%			LIFE		**	5	\$10,600	

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

**Under 600 Volts**

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

*Estimates are rounded to the nearest hundred dollars.*

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2025	\$4,800	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Disconnect Switch Rated @ 1200 Amperes							
	Transformers								
	Dry Type	100%			2023	\$15,800	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 150 Kva, 480/208/120 Volts							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2025	\$97,600	5	\$100	
	Raceway								
	Conduit	100%			2025	\$27,700	1		
	Panelboards								
	Fused Disc Sw	50%			2033	* *	5	\$200	
	Molded Case Bkrs	50%			2033	* *	5	\$200	
	Wiring								
	Thermoplastic	100%			2035	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2025	\$77,600	10	\$12,500	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	5%			2025	\$4,300	10	\$700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Compact Fluorescent Light Fixtures							
	Incandescent	5%			2025	\$9,600	2		
	Egress Lighting								
	Emergency, Battery	50%			2025	\$10,200	10	\$1,800	
	Exit, Service	50%			2025	\$2,500	1		
	Exterior Lighting								
	HID	100%			2020	\$52,000	10		
Alarm									
	Security System								
	Generic	100%			2025	\$41,700	1	\$5,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Intrusion Alarm Only							

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

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

**Alarm**

Fire/Smoke Detection

Generic, Digital

100%

2025

\$142,700

1-3

\$8,800

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

*Location : Throughout The Building*

*Explanation : Alarm Bells, Strobe Lights, Manual Pull Stations*

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

**Heating**

Energy Source

Natural Gas

100%

2045

\*\*

1

Conversion Equipment

Hot Water Boiler

100%

2038

\*\*

1

\$7,500

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

*Location : Boiler Room*

*Explanation : 2 Units*

Distribution

Hot Wtr Piping/Pump

100%

2033

\*\*

4

\$700

Terminal Devices

Convactor/Radiator

95%

2030

\*\*

1

\$4,700

Unit Heater - Steam

5%

2025

\$2,500

4

\$100

**Air Conditioning**

Energy Source

Electricity

100%

2033

\*\*

1

Conversion Equipment

Interior Pkg Unit -

Cooling

100%

Now

\$10,600

2023

\$530,300

2

\$700

*Leak Evident, Extent : Moderate, Area Affected : 2%*

*Location : Condensate Leaks, Basement*

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

*Location : Basement*

**Ventilation**

Distribution

Ductwork/Diffusers

100%

LIFE

\*\*

2-5

\$8,500

Exhaust Fans

Interior

100%

2025

\$50,500

2

\$500

**Plumbing**

H/C Water Piping

Brass/Copper

100%

2045

\*\*

1

Water Heater

Electric

100%

2020

\$12,500

4

\$100

Sanitary Piping

Cast Iron

100%

LIFE

\*\*

1

Fixtures

Generic

100%

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

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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 OAK RIDGE ADMINISTRATION BLDG.**

**Asset # : 928**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : B-2									
Explanation : 1 Unit									
Fire Suppression									
Sprinkler									
	Generic	100%			2025	\$138,900	1-2	\$4,200	
Fire Pump									
	Generic	100%			2028	\$9,100	1	\$2,800	

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 6,728 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,000	\$9,000		\$300
Interior Architecture	\$200		\$300	\$200
Electrical	\$500	\$2,100	\$500	\$500
Mechanical	\$500	\$2,100	\$900	\$400
<b>Total</b>	<b>\$7,200</b>	<b>\$13,300</b>	<b>\$1,700</b>	<b>\$1,300</b>
Importance Code A	\$6,200	\$9,200	\$200	\$500
Importance Code B	\$1,000	\$4,100	\$1,600	\$800
Importance Code C				
<b>Total</b>	<b>\$7,200</b>	<b>\$13,300</b>	<b>\$1,700</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**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

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								
	Stucco Cement	95%			2030	**	5	\$6,400	
	Wood	5%	Now	\$1,400	2030	**	5	\$300	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Wood Door At West Facade								
	Split/Cracked, Extent : Moderate, Area Affected : 25%								
	Location : Wood Door At West Facade								
	Windows								
	Aluminum	100%			2047	**	5	\$600	
	Parapets								
	Wood Cornice	100%			2035	**	5-10	\$13,200	
	Roof								
	Clay Tile	100%	Now	\$4,600	2035	**			
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
	Location : Middle Chimney								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Middle Chimney								
Interior									
	Floors								
	Carpet	25%			2024	\$7,400	3	\$900	
	Cast in Place Concrete	35%			LIFE	**	5	\$1,800	
	Ceramic Tile	5%			2034	**	5	\$100	
	Vinyl Tile	35%			2025	\$6,900	3	\$400	
	Interior Walls								
	Glass: Single Pane	5%			LIFE	**	5		
	Plaster	85%			LIFE	**	5	\$200	
	Wood	10%			LIFE	**	5	\$400	
	Ceilings								
	AcousTileSusp.Lay-In	5%			2042	**	5	\$100	
	Exposed Concrete	25%			LIFE	**	5	\$100	
	Plaster	70%			LIFE	**	5	\$1,000	

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2045	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Main Service Switch Rated @ 200 Amperes							
Switchgear / Switchboard									
	Fused Disc Sw	100%			2045	* *	5		
Raceway									
	Conduit	100%			2045	* *	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Panelboards								
	Molded Case Bkrs	100%			2041	* *	5	\$200	
	Wiring								
	Thermoplastic	100%			2045	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2038	* *	1	\$2,100	
Lighting									
	Interior Lighting								
	Fluorescent	45%			2030	* *	10	\$600	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
	Fluorescent	50%			2025	\$4,400	10	\$700	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Incandescent	5%			2020	\$1,000	2		
	Exterior Lighting								
	HID	50%			2025	\$12,700	10		
	Incandescent	50%			2025	\$10,800	2		
Alarm									
	Security System								
	Generic	100%			2030	* *	1	\$2,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Smoke Detector Is Tied-in To The Intrusion Alarm System							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2035	* *	5	\$500	
	Conversion Equipment								
	Steam Boiler	100%			2038	* *	1	\$1,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 1 Unit								
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2035	* *	4	\$100	

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK QUEENS HEADQUARTERS OVERLOOK -01**  
**Asset # : 205**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convactor/Radiator	100%			2030	* *	1	\$500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	80%			2025	\$9,900	1	\$600	
		R-134a Refrigerant, Extent : Light, Area Affected : 80% Location : Courtyard							
	Window/Wall Unit	10%			2020	\$300	1		
	No Component	10%							
Distribution									
	Ductwork/Diffusers	80%			LIFE	* *	2	\$1,600	
	No Component	20%							
Terminal Devices									
	Fan Coil - 2 Pipe	80%			2025	\$19,900	1	\$400	
	No Component	20%							
Heat Rejection									
	Dry Cooler	80%			2025	\$5,700	2	\$900	
	No Component	20%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	* *	1		
Water Heater									
	Electric	100%			2020	\$1,300	4		
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2030	* *	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 3,328 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$223,700	
<b>Total</b>	<b>\$223,700</b>	
Importance Code A	\$223,700	
<b>Total</b>	<b>\$223,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$33,800		\$700	
Interior Architecture	\$12,000			
Electrical	\$100	\$20,500	\$100	\$100
Mechanical	\$400	\$5,200	\$300	\$500
<b>Total</b>	<b>\$46,400</b>	<b>\$25,600</b>	<b>\$1,200</b>	<b>\$600</b>
Importance Code A	\$34,100	\$300	\$1,000	\$300
Importance Code B	\$12,200	\$25,300	\$100	\$300
Importance Code C				
<b>Total</b>	<b>\$46,400</b>	<b>\$25,600</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**  
**FOREST PARK TINSMITH AND STORAGE - 13**  
**Asset # : 209**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	85%	Now	\$87,700	LIFE	* *	5	\$5,800	1
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : At Door Openings							
		Diagonal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Corners							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Rusting Masonry Supt, Extent : Severe, Area Affected : 50%							
		Location : At Openings							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Masonry: Limestone	5%	Now	\$7,500	LIFE	* *	5	\$300	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Window Sills							
	Metal Coiling Doors	10%			2038	* *	5	\$2,100	
Windows									
	Aluminum	100%			2041	* *	5	\$1,400	
Parapets									
	Masonry: Brick	95%	Now	\$57,200	LIFE	* *	5	\$2,000	1
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 75%							
		Location : Throughout							
		Spalling, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Worn/Eroded, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
	Masonry: Limestone	5%	Now	\$3,300	LIFE	* *	5	\$100	1
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Copings							
		Caulking Deteriorated, Extent : Severe, Area Affected : 50%							
		Location : Coping							

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK TINSMITH AND STORAGE - 13**  
**Asset # : 209**

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									
IRMA/Protected Membrane	95%	Now	\$78,900	2035	**			1	
			Drains Inad/Misposn, Extent : Moderate, Area Affected : 50% Location : Throughout						
			Insul Miss/Displaced, Extent : Moderate, Area Affected : 50% Location : Throughout						
			Miss/Damaged Flashings, Extent : Severe, Area Affected : 50% Location : Throughout						
			Vegetation Growth, Extent : Severe, Area Affected : 15% Location : Throughout						
			Water Penetration, Extent : Severe, Area Affected : 25% Location : Storage Areas						
Skylight, Metal/Glass	5%	Now	\$23,100	2045	**				
			Corrosion/Rusting, Extent : Moderate, Area Affected : 20% Location : Over Storage Areas						
			Other Observation, Extent : Moderate, Area Affected : 100% Location : Main Roof						
			Explanation : Three Skylights						
Interior									
Floors									
Cast in Place Concrete	100%			LIFE	**	5	\$10,900		
Interior Walls									
Concrete Masonry Unit	25%			LIFE	**	5	\$200		
			Water Penetration, Extent : Moderate, Area Affected : 10% Location : Breakmetal Room						
Masonry: Brick	75%			LIFE	**				
			Painted Surfaces, Extent : Moderate, Area Affected : 100% Location : Throughout						
			Water Penetration, Extent : Moderate, Area Affected : 15% Location : Throughout						
Ceilings									
Exposed Concrete	25%	Now	\$12,000	LIFE	**	5	\$200		
			Cracking/Crumbling, Extent : Moderate, Area Affected : 35% Location : Playground Storage						
			Exposed Reinforcement, Extent : Severe, Area Affected : 20% Location : Playground Storage						
			Water Penetration, Extent : Severe, Area Affected : 25% Location : Playground Storage						
Exposed Concrete	75%			LIFE	**	5	\$600		

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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2035	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2033	* *	5	\$100	
	Wiring								
	Thermoplastic	100%			2035	* *	1		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2020	\$7,300	10	\$3,000	
	T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
Alarm									
	Security System								
	Generic	100%			2020	\$10,100	1	\$1,200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Intrusion Alarm System								

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2045	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2030	* *	1	\$3,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 1 Unit								
	Distribution								
	Central Plant Steam	100%			2035	* *	4	\$200	
	Piping/Pmp								
	Terminal Devices								
	Unit Heater - Steam	100%			2030	* *	4	\$300	
Ventilation									
	Exhaust Fans								
	Roof	40%			2020	\$2,100	2		
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	* *	1		
	Water Heater								
	Electric	100%			2020	\$2,700	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.*



**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK TINSMITH AND STORAGE - 13**

**Asset # : 209**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
Fire Suppression									
	Sprinkler								
	No Component	90%							
	Generic	10%			2025	\$3,000	1-2	\$100	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 04-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3907 **Lot** : 1050 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,400	\$24,800		\$100
Interior Architecture	\$200			\$200
Electrical	\$9,500			
Mechanical	\$300	\$1,900	\$200	\$200
<b>Total</b>	<b>\$30,400</b>	<b>\$26,700</b>	<b>\$200</b>	<b>\$500</b>
Importance Code A	\$20,600	\$25,000	\$200	\$300
Importance Code B	\$9,800	\$1,800	\$100	\$200
Importance Code C				
<b>Total</b>	<b>\$30,400</b>	<b>\$26,700</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**  
**FOREST PARK VICTORY MAINT. AND COMF STA. -04**  
**Asset # : 206**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	5%			LIFE	**	5		\$2,100	
Masonry: Brick	80%			LIFE	**	5		\$6,900	

Recent Repair Evident, Extent : Light, Area Affected : 25%

Location : Throughout

Masonry: Limestone	10%			LIFE	**	5		\$600	
Metal Coiling Doors	5%			2030	**	5		\$1,300	

## Windows

Aluminum	95%			2047	**	5		\$300	
Glass Block	5%			LIFE	**	5			

## Parapets

Wood Cornice	100%			2035	**	5-10		\$54,900	
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## Roof

Slate	100%	Now	\$20,400	LIFE	**				
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									

## Interior

## Floors

Cast in Place Concrete	50%			LIFE	**	5		\$2,800	
Vinyl Tile	50%			2025		3		\$600	

## Interior Walls

Ceramic Tile	10%			2038	**	5		\$700	
Gypsum Board	20%			LIFE	**	5		\$800	
Plaster	70%			LIFE	**	5		\$1,400	

Recent Repair Evident, Extent : Light, Area Affected : 25%

Location : Throughout

## Ceilings

Plaster	100%			LIFE	**	5		\$1,600	
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Recent Repair Evident, Extent : Light, Area Affected : 25%

Location : Throughout

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2025		\$1,500	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Basement

Explanation : No Ratings Available

## Raceway

Conduit	100%			2025		\$3,700	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**  
**FOREST PARK VICTORY MAINT. AND COMF STA. -04**  
**Asset # : 206**

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

## Under 600 Volts

## Panelboards

Molded Case Bkrs

50%

2024

\$3,700

5

Molded Case Bkrs

50%

2033

\* \*

5

## Wiring

Thermoplastic

100%

2025

\$8,200

1

## Motor Controllers

Locally Mounted

100%

2023

\$7,200

5

## Ground

## Grounding Devices

Generic

100%

0-2

\$9,500

LIFE

\* \*

5

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Water Main**Explanation : Corroded*

## Lighting

## Interior Lighting

Fluorescent

100%

2025

\$3,700

10

\$1,600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-8 Lamps*

## Egress Lighting

Exit, Service

100%

2025

\$500

1

## Exterior Lighting

HID

100%

2030

\* \*

10

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

## Heating

## Energy Source

Natural Gas

100%

2045

\* \*

1

## Conversion Equipment

Steam Boiler

100%

2038

\* \*

1

\$1,700

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

## Distribution

Central Plant Steam  
Piping/Pmp

100%

2051

\* \*

4

\$100

## Terminal Devices

Convactor/Radiator

100%

2023

\$8,500

1

\$600

## Plumbing

## H/C Water Piping

Brass/Copper

100%

2035

\* \*

1

## Water Heater

Electric

100%

2020

\$1,400

4

*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 VICTORY MAINT. AND COMF STA. -04**  
**Asset # : 206**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Sump Pump(s)							
	Non-Submersible	100%		2020	\$300	4	\$100	
Fixtures								
	Under Construction	100%						

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$156,900	
Electrical	\$46,500	\$35,200
Mechanical		\$169,800
<b>Total</b>	<b>\$203,500</b>	<b>\$205,000</b>
Importance Code A	\$156,900	\$47,000
Importance Code B	\$46,500	\$158,000
<b>Total</b>	<b>\$203,500</b>	<b>\$205,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$68,400			
Interior Architecture	\$159,100	\$300	\$400	\$3,300
Electrical		\$100	\$58,700	
Mechanical	\$52,200	\$31,900	\$7,400	\$1,200
<b>Total</b>	<b>\$279,700</b>	<b>\$32,200</b>	<b>\$66,400</b>	<b>\$4,500</b>
Importance Code A	\$69,100	\$700	\$800	\$700
Importance Code B	\$183,700	\$31,500	\$65,600	\$3,800
Importance Code C	\$26,900			
<b>Total</b>	<b>\$279,700</b>	<b>\$32,200</b>	<b>\$66,400</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 TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**  
**Asset # : 14371**

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	90%	Now	\$110,200	LIFE	**	5	\$16,700	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : South Facade, Tower							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Tower							
	Masonry: Limestone	3%			LIFE	**	5	\$400	
	Wood	7%	Now	\$29,800	2031	**	5	\$3,300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Wood Trims, Cornices							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : Wood Trims, Cornices							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Wood Trims, Cornices							
	Windows								
	Wood	10%	Now	\$6,700	2051	**	5	\$1,100	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Basement							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
	Wood	90%	Now	\$24,200	2034	**	5	\$9,800	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : First Floor							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : First Floor							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : First Floor							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : First Floor							
		Explanation : Tinted Glass							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	90%	Now	\$46,700	2041		* *		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Deflection Evident, Extent : Severe, Area Affected : 25%							
	Location : At Wood Shed Attached To East Side Of Building							
	Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
Slate	10%	Now	\$7,700	LIFE		* *		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Steeple							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Steeple							
Interior								
Floors								
Carpet	60%	Now	\$88,800	2028	\$88,800	3	\$9,600	
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
	Location : Chapel Area							
	Wrinkling, Extent : Moderate, Area Affected : 25%							
	Location : Chapel Area							
Quarry Tile	5%			2031		* *	\$800	
Vinyl Tile	20%			2026	\$19,700	3	\$800	
Vinyl Tile 9" X 9"	10%	Now	\$12,800	2036		* *	\$400	
	Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
	Location : Kitchen Area In Basement							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Dinning Area In Basement							
Wood	5%	Now	\$5,700	2054		* *	\$500	
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
	Location : Stairs, Stage							
	Split/Cracked, Extent : Moderate, Area Affected : 25%							
	Location : Stairs							

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**  
**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	
Interior								
Interior Walls								
Gypsum Board	10%	Now	\$1,500	LIFE	* *	5	\$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Mens Restroom								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Mens Restroom								
Plaster	90%	Now	\$25,500	LIFE	* *	5	\$4,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Throughout								
Ceilings								
Exposed Concrete	10%	Now	\$1,800	LIFE	* *	5	\$200	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Storage Space In Basement								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Storage Space In Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Storage Space In Basement								
Fiber Board	15%	Now	\$1,100	2026	\$10,900			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Mens Restroom								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Painted Surfaces								
Plaster	75%	Now	\$22,000	LIFE	* *	5	\$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 50%								
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%			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>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$35,200	5	\$200	

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**  
**Asset # : 14371**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2026	\$34,200	1		
	Panelboards								
	Molded Case Bkrs	100%			2025	\$16,300	5	\$200	
	Wiring								
	Thermoplastic	100%			2026	\$30,300	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	20%			2021	\$15,500	10	\$1,300	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Fluorescent	20%			2021	\$15,500	10	\$1,300	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Incandescent	60%			2021	\$46,500	2	\$100	
	Exterior Lighting								
	Incandescent	100%			2021	\$24,800	2		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 4	100%			2026	\$14,300	5	\$2,200	
	Conversion Equipment								
	Steam Boiler	100%			2024	\$47,000	1	\$7,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 1 Unit								
	Distribution								
	Central Plant Steam	100%			2026	\$122,800	4	\$400	
	Piping/Pmp								
	Terminal Devices								
	Air Handler	20%	2-4	\$20,400	2036	* *	1	\$800	
	On Extended Life, Extent : Moderate, Area Affected : 20%								
	Location : Basement								
	Convector/Radiator	80%	0-2	\$31,100	2046	* *	1	\$1,600	
	On Extended Life, Extent : Severe, Area Affected : 80%								
	Location : Throughout								
Air Conditioning									
	Energy Source								
	Electricity	100%			2025	\$4,400	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**  
**FORT TOTTEN - BLDG. # 638 CHAPEL AND MEETING BLDG.**  
**Asset # : 14371**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	20%			2020	\$30,900	2	\$100	
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Basement							
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	20%			LIFE	* *	2-5	\$800	
	No Component	80%							
	Exhaust Fans								
	Interior	20%			2021	\$5,200	2		
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2036	* *	1		
	No Component	70%							
	Water Heater								
	Electric	100%			2025	\$6,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 02-Apr-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 1151 **Lot** : 15 **BIN** : 1086545

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$628,800	\$48,300
Interior Architecture		\$151,200
<b>Total</b>	<b>\$628,800</b>	<b>\$199,500</b>
Importance Code A	\$628,800	\$48,300
Importance Code B		\$151,200
<b>Total</b>	<b>\$628,800</b>	<b>\$199,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture		\$5,400		
Interior Architecture		\$19,800		
Electrical	\$800	\$1,500	\$800	\$800
Mechanical	\$4,200	\$2,800	\$5,900	\$6,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$8,900</b>	<b>\$33,400</b>	<b>\$10,600</b>	<b>\$10,700</b>
Importance Code A	\$1,900	\$7,400	\$1,900	\$1,900
Importance Code B	\$7,000	\$25,100	\$8,600	\$8,800
Importance Code C		\$900		
<b>Total</b>	<b>\$8,900</b>	<b>\$33,400</b>	<b>\$10,600</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**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	60%			LIFE	**	5	\$32,200	
	Masonry: Brick	30%			LIFE	**	5	\$16,100	
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Metal/Glass Curt Wall	10%			LIFE	**	5	\$10,100	
Windows									
	Aluminum	100%			2050	**	5	\$8,200	
Parapets									
	Cast Stone/Terra Cotta	5%			LIFE	**	5	\$4,100	
	Copper/Terne	5%			2075	**	5	\$2,500	
	Masonry: Brick	55%			LIFE	**	5	\$5,800	
	Masonry: Brick	35%			LIFE	**	5	\$3,700	
Roof									
	Single Ply Membrane	60%			2035	**	10	\$32,000	
	Skylight, Metal/Glass	40%	Now	\$628,800	2035	**			1
	Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
	Location : Throughout								
Interior									
Floors									
	Ceramic Tile	5%			2040	**	5	\$2,000	
	Ceramic Tile	20%			2028	\$151,200	5	\$7,800	
	Sheet Vinyl/Rubber	25%			2035	**	5	\$14,700	
	Vinyl Tile	25%			2035	**	3	\$3,700	
	Wood	20%			2053	**	5	\$14,700	
	Wood	5%			2065	**	5	\$3,700	
Interior Walls									
	Ceramic Tile	5%			2040	**	5	\$1,700	
	Gypsum Board	40%			LIFE	**	5	\$8,300	
	Masonry: Brick	50%			LIFE	**			
	Wood	5%			LIFE	**	5	\$6,900	
Ceilings									
	AcousTileSusp.Lay-In	40%			2045	**	5	\$15,100	
	Embossed Metal	40%			LIFE	**	5	\$6,800	
	Exposed Concrete	20%			LIFE	**	5	\$1,200	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2055	* *	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : 1200 Amperes									

*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**  
**GERTRUDE EDERLE RECREATION CNTR GYMNASIUM AND INDOOR POOL**  
**Asset # : 909**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2055	**	5	\$100	
	Raceway								
	Busway	5%			2045	**	1		
	Conduit	95%			2055	**	1		
	Panelboards								
	Fused Disc Sw	10%			2050	**	5	\$100	
	Molded Case Bkrs	90%			2050	**	5	\$600	
	Wiring								
	Thermoplastic	100%			2055	**	1		
	Motor Controllers								
	Locally Mounted	100%			2045	**	5	\$200	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$400	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Filter Room								
	Explanation : Connected With Main Water Pipe								
Lighting									
	Interior Lighting								
	Fluorescent	50%			2035	**	10	\$12,000	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Fluorescent	30%			2035	**	10	\$7,200	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Fluorescent	20%			2035	**	10	\$4,800	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Compact Fluorescent								
	Egress Lighting								
	Exit, LED	60%			2065	**	1		
	Exit, Battery	40%			2035	**	10	\$700	
	Exterior Lighting								
	HID	100%			2035	**	10	\$100	
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2035	**	1	\$1,900	
	Fire/Smoke Detection								
	No Component	60%							
	Generic, Digital	40%			2035	**	1-3	\$6,300	

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

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

Estimates are rounded to the nearest hundred dollars.

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2051	**	1		
	Conversion Equipment								
	Furnace	50%			2033	**	1	\$6,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : Roof Top Air Conditioning Units With Gas Fired Furnaces							
	Steam Boiler	50%			2042	**	1	\$12,900	
Distribution									
	Hot Wtr Piping/Pump	50%			2047	**	4	\$1,000	
	Central Plant Steam Piping/Pmp	50%			2051	**	4	\$1,000	
Terminal Devices									
	Fan Coil Unit/Heat	50%			2033	**	1	\$4,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout New Wing Of The Building And The Renovated Areas Of The Old Wing							
		Explanation : Variable Air Volume Boxes With Reheat Coils							
	No Component	50%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2047	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2033	**	2	\$1,600	
	Dehumidifier								
	No Component	80%							
	Generic	20%			2029	**			
Ventilation									
	Distribution								
	Ductwork/Diffusers	50%			LIFE	**	2-5	\$7,300	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Old Wing Of The Building							
		Explanation : Existing Ductwork Observed							
	Ductwork/Diffusers	50%			LIFE	**	2-5	\$7,300	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : New Wing Of The Building							
		Explanation : New Ductwork Observed							
	Exhaust Fans								
	Roof	100%			2033	**	2	\$800	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2051	**	1		
	Water Heater								
	Gas Fired	100%			2023	\$14,900	2	\$400	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		

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\*\* 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2033	* *	4	\$500	
	Pool Filter/Treatment								
	Sand	100%			2042	* *	4	\$6,500	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Sub-basement Of Old Wing, Filter Was Replaced In 2009								
	Backflow Preventer								
	Generic	100%			2033	* *	1	\$1,600	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Cellar To 2nd Floor								
	Explanation : 1 Hydraulic Unit								
Fire Suppression									
	Sprinkler								
	No Component	50%							
	Generic	50%			2051	* *	1-2	\$3,700	

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$664,400	
Interior Architecture	\$39,100	
Electrical		\$148,700
Mechanical		\$179,800
<b>Total</b>	<b>\$703,500</b>	<b>\$328,500</b>
Importance Code A	\$664,400	
Importance Code B	\$39,100	\$328,500
<b>Total</b>	<b>\$703,500</b>	<b>\$328,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,300			
Interior Architecture	\$7,200	\$200	\$700	
Electrical		\$100	\$100	\$31,800
Mechanical	\$600	\$1,600	\$3,500	\$400
<b>Total</b>	<b>\$20,100</b>	<b>\$1,900</b>	<b>\$4,200</b>	<b>\$32,300</b>
Importance Code A	\$12,800	\$400	\$400	\$500
Importance Code B	\$7,300	\$1,500	\$3,100	\$31,800
Importance Code C			\$700	
<b>Total</b>	<b>\$20,100</b>	<b>\$1,900</b>	<b>\$4,200</b>	<b>\$32,300</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**  
**HAMILTON FISH PARK FILTER HOUSE**  
**Asset # : 14038**

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	70%	Now	\$122,300	LIFE	* *	5	\$13,500	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Various Locations							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : All Facades							
		Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Flanking Entry Gates							
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Masonry: Limestone	30%	Now	\$210,700	LIFE	* *	5	\$4,400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
		Location : Above Wall Openings							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Horizontal Banding							
Windows									
	Metal Louvers	100%	4+	\$12,300	2030	* *			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Parapets									
	Masonry: Brick	70%	Now	\$113,300	LIFE	* *	5	\$6,600	
		Efflorescence, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Horizontal Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Parapet Walls							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Various Locations							
	Masonry: Limestone	30%	Now	\$132,100	LIFE	* *	5	\$3,500	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Parapet Stanchions							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 15%							
		Location : Coping							

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**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK FILTER HOUSE**  
**Asset # : 14038**

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

Plaza Roof: Stone Panels	100%	Now	\$85,900	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+	\$6,300	LIFE	**	5		\$26,600	
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
Ceramic Tile	3%			2030	**	5		\$400	
Terrazzo	7%	4+	\$900	LIFE	**	5		\$700	
<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		\$1,300	
Masonry: Brick	5%			LIFE	**				

## Ceilings

Exposed Concrete	90%	4+	\$39,100	LIFE	**	5		\$1,900	
<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		\$1,700	

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2027		\$4,800	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		\$5,400	1		
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## Panelboards

Fused Disc Sw	15%			2026		\$1,100	5		
Molded Case Bkrs	85%			2026		\$6,300	5	\$100	

## Wiring

Thermoplastic	100%			2027		\$6,600	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**  
**HAMILTON FISH PARK FILTER HOUSE**  
**Asset # : 14038**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	20%			2025	\$14,400	5		
	Motor Control Center	80%			2025	\$57,500	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2027	\$91,300	10	\$8,300	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Egress Lighting								
	Emergency, Battery	50%			2022	\$6,100	10	\$1,100	
	Exit, Service	50%			2022	\$500	1		
	Exterior Lighting								
	HID	100%			2022	\$24,100	10		
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2047	* *	1		
	Conversion Equipment								
	Furnace	100%			2027	\$19,900	1	\$4,500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	100%			2025	\$179,800	2	\$600	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$11,800	
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	\$3,400	

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$109,000	\$96,800
Interior Architecture	\$50,300	\$52,900
Electrical	\$35,400	\$61,000
Mechanical		\$809,500
<b>Total</b>	<b>\$194,600</b>	<b>\$1,020,200</b>
Importance Code A	\$109,000	\$96,800
Importance Code B	\$85,600	\$923,400
<b>Total</b>	<b>\$194,600</b>	<b>\$1,020,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</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>



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 OLYMPIC POOL**  
**Asset # : 842**

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

## Exterior

## Exterior Walls

Cast in Place Concrete      100%    Now      \$109,000    LIFE      \* \*    5      \$96,800

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

*Location : Throughout*

*Paint Peeling, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

*Caulking Deteriorated, Extent : Light, Area Affected : 15%*

*Location : Throughout*

## Interior

## Floors

Cast in Place Concrete      100%    Now      \$50,300    LIFE      \* \*    5      \$52,900

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

*Location : Throughout*

*Paint Peeling, Extent : Light, Area Affected : 25%*

*Location : Throughout*

*Caulking Deteriorated, Extent : Moderate, Area Affected : 20%*

*Location : Throughout*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      100%    0-2      \$1,500    2057      \* \*    5

*Water Present, Extent : Severe, Area Affected : 100%*

*Location : Filter Room, 800amps*

## Switchgear / Switchboard

Not Accessible      100%

## Raceway

Not Accessible      100%

## Panelboards

Not Accessible      100%

## Wiring

Not Accessible      100%

## Lighting

## Interior Lighting

Fluorescent      100%      2022      \$35,400    10      \$14,800

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

*Location : Throughout*

## Exterior Lighting

HID      100%      2027      \$61,000    10      \$100

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

*Location : Outside*

*Explanation : 12 Light Post*

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

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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>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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
	H/C Water Piping Brass/Copper	100%		2037	* *	1		
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Pool Filter/Treatment Activated Carbon	100%		2025	\$809,500	4	\$4,000	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$303,200	
Interior Architecture		\$56,200
Electrical	\$39,900	\$49,400
Mechanical	\$44,300	\$265,700
<b>Total</b>	<b>\$387,300</b>	<b>\$371,400</b>
Importance Code A	\$303,200	
Importance Code B	\$84,100	\$371,400
<b>Total</b>	<b>\$387,300</b>	<b>\$371,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$47,000	\$7,700		
Interior Architecture	\$19,700	\$3,200		\$1,300
Electrical	\$10,600	\$400	\$300	\$1,800
Mechanical	\$14,800	\$1,100	\$1,900	\$1,100
<b>Total</b>	<b>\$92,200</b>	<b>\$12,400</b>	<b>\$2,100</b>	<b>\$4,200</b>
Importance Code A	\$47,600	\$8,200	\$600	\$600
Importance Code B	\$43,300	\$2,200	\$1,600	\$3,600
Importance Code C	\$1,200	\$1,900		
<b>Total</b>	<b>\$92,200</b>	<b>\$12,400</b>	<b>\$2,100</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**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

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	50%	Now	\$88,200	LIFE	* *	5	\$8,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Wall Penetration For AC Unit - North Elevation							
		Efflorescence, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Various Locations							
	Masonry: Limestone	50%	Now	\$118,200	LIFE	* *	5	\$6,700	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : West Facade, Entrance							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Windows								
	Wood	100%	Now	\$44,800	2035	* *	5	\$13,700	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Parapets								
	Masonry: Brick	25%	Now	\$11,000	LIFE	* *	5	\$1,700	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Terrace Walls							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Terrace Walls							
	Masonry: Limestone	35%			LIFE	* *	5	\$3,100	
	Metal Rail	10%			2040	* *	5-10	\$12,600	
	Pre-Cast Concrete	30%	Now	\$16,400	LIFE	* *	5	\$13,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Coping At Terrace							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Coping At Terrace							
		Misaligned/Bulging, Extent : Severe, Area Affected : 10%							
		Location : Coping At Terrace							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Copper/Terne	50%	Now	\$52,000	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	\$19,700	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	5%			2040	**	1		
	Not Accessible	30%							
Interior									
Floors									
	Ceramic Tile	15%			2030	**	5	\$2,600	
	Sheet Vinyl/Rubber	10%			2027	\$56,200	5	\$2,600	
	Terrazzo	75%			LIFE	**	5	\$10,200	
Interior Walls									
	Ceramic Tile	25%			2030	**	5	\$3,800	
	Gypsum Board	35%	Now	\$1,200	LIFE	**	5	\$3,200	
	<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
	<i>Location : South Stair</i>								
	Marble Panels	40%			LIFE	**			
Ceilings									
	Exposed Struc: Wood	15%			LIFE	**			
	Gypsum Board	35%	Now	\$6,500	LIFE	**	5	\$7,300	
	<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	\$12,000	LIFE	**	5	\$5,200	
	<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
	<i>Location : South Wing - At Stair And West Wall</i>								

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

Under 600 Volts

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

**DEPT. OF PARKS & RECREATION - 846**  
**HAMILTON FISH PARK HAMILTON FISH RECREATION CENTER**  
**Asset # : 844**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2037	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 2 Main Service Switches Rated @ 800 Amperes Each							
	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	\$49,400	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	2-4	\$10,400	LIFE	**	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main Room							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	80%			2027	\$22,300	10	\$8,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	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	\$39,900	2		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Front Entrance							
		Explanation : 2 Light Post							
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2027	\$7,500	1	\$900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : Intrusion Alarm Only, Motion Sensors							

*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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Alarm**

## Fire/Smoke Detection

No Component

80%

Generic, Analog

20%

2027

\$25,800

1-3

\$1,400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Strobe Lights And Manual Pull Stations*

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

**Heating**

## Energy Source

Natural Gas

100%

2037

\* \*

1

## Conversion Equipment

Hot Water Boiler

100%

2032

\* \*

1

\$5,700

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

## Distribution

Hot Wtr Piping/Pump

100%

2035

\* \*

4

\$900

## 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

\$44,300

2032

\* \*

2

\$100

*Malfunctioning, Extent : Moderate, Area Affected : 60%**Location : Basement Level And First Floor, Equipment Requires Repair*

Interior Pkg Unit -

Cooling

60%

2028

\$265,700

2

\$400

Split Unit

5%

0-2

\$12,600

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

\$6,500

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2025	\$7,200	2	\$200	
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Basement Boiler Room							
		Explanation : 1 Obsolete Unit Remaining							
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	
		Corroded, Extent : Severe, Area Affected : 30%							
		Location : Housing Assembly, Basement							
Fixtures									
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$610,600	\$73,700
Interior Architecture	\$61,400	\$174,300
Electrical	\$73,000	\$61,200
Mechanical	\$148,400	\$476,300
<b>Total</b>	<b>\$893,400</b>	<b>\$785,500</b>
Importance Code A	\$610,600	\$73,700
Importance Code B	\$282,800	\$711,800
<b>Total</b>	<b>\$893,400</b>	<b>\$785,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$43,800		\$12,500	
Interior Architecture	\$51,500	\$2,000	\$18,500	
Electrical	\$21,600	\$5,000	\$12,400	\$5,400
Mechanical	\$5,900	\$6,300	\$38,700	\$4,900
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$127,700</b>	<b>\$18,100</b>	<b>\$87,100</b>	<b>\$15,200</b>
Importance Code A	\$45,500	\$1,700	\$14,300	\$1,700
Importance Code B	\$74,300	\$16,400	\$72,800	\$13,500
Importance Code C	\$7,900			
<b>Total</b>	<b>\$127,700</b>	<b>\$18,100</b>	<b>\$87,100</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**  
**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	\$443,900	LIFE	**	5	\$73,700	
		Diagonal Cracks, Extent : Moderate, Area Affected : 30%							
		Location : Chimney And Southwest Corner							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Southwest Corner							
	Masonry: Granite	5%			LIFE	**	5	\$3,400	
	Masonry: Limestone	2%			LIFE	**	5	\$1,300	
	Stucco Cement	11%	Now	\$28,600	2031	**	5	\$12,400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : West Facade							
Windows									
	Aluminum	90%	Now	\$51,700	2034	**	5	\$6,200	
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Metal Clad	10%	Now	\$71,200	2051	**	5	\$4,300	
		Deformed/Dented, Extent : Moderate, Area Affected : 25%							
		Location : Stairs, West Façade							
		Deteriorated Finish, Extent : Severe, Area Affected : 50%							
		Location : Stairs, West Facade							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Stairs, West Facade							

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

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									
Parapets									
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$2,700		
Concrete Masonry Unit	2%			LIFE	**	5	\$200		
Copper/Terne	2%	Now	\$2,400	2046	**	5	\$300		
	Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
	Location : South Facade								
	Loose/Miss Fasteners, Extent : Moderate, Area Affected : 25%								
	Location : South Facade								
	Worn/Eroded, Extent : Moderate, Area Affected : 20%								
	Location : South Facade								
Masonry: Brick	36%	Now	\$43,700	LIFE	**	5	\$2,500	1	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
	Location : South Facade								
	Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
	Location : North Facade								
	Spalling, Extent : Moderate, Area Affected : 25%								
	Location : North Facade								
	Vertical Cracks, Extent : Light, Area Affected : 5%								
	Location : South Facade								
Metal Security Bars	5%	Now	\$1,300	2041	**				
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
	Location : Lower Parapet								
Metal: Cage/Fence	20%			2039	**	5-10	\$10,900		
Stucco Cement	30%			2039	**	5	\$5,400		
Roof									
Cast in Place Concrete	5%	Now	\$2,500	LIFE	**				
	Water Penetration, Extent : Severe, Area Affected : 50%								
	Location : Storage Room Below Alley								
Modified Bitumen	35%			2031	**	10	\$12,500		
Modified Bitumen	45%			2034	**	10	\$16,100		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Upper Roof								
	Explanation : Covered With Rubber Pads								
Skylight, Plastic	15%			2043	**	1			
Interior									
Floors									
Ceramic Tile	10%			2029	**	5	\$5,200		
Mosaic Tile	15%			2031	**	5	\$19,600		
Marble Panels	5%			LIFE	**	5	\$2,000		
Sheet Vinyl/Rubber	12%			2031	**	5	\$9,400		
Vinyl Tile	30%			2026	\$133,400	3	\$5,900		
Wood	25%			2054	**	5	\$24,500		
Wood	3%			2041	**	5	\$2,900		

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

Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Ceramic Tile	10%			2029	**	5	\$4,600	
	Concrete Masonry Unit	10%			LIFE	**	5	\$1,800	
	Masonry: Brick	25%			LIFE	**			
	Mosaic Tile	20%			LIFE	**			
	Plaster	5%	Now	\$5,600	LIFE	**	5	\$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%									
Location : Storage Room Below Alley									
Paint Peeling, Extent : Severe, Area Affected : 50%									
Location : Storage Room Below Alley									
	Plaster	20%			LIFE	**	5	\$2,800	
	SGFT/Glazed Masonry	10%			LIFE	**			
Ceilings									
	AcousTileConcealSpLn	15%	0-2	\$61,400	2046	**	5	\$4,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Lobby									
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Lobby									
Staining/Discoloring, Extent : Moderate, Area Affected : 50%									
Location : Lobby									
	AcousTileSusp.Lay-In	10%			2031	**	5	\$5,100	
	AcousTileSusp.Lay-In	10%			2024	\$40,900	5	\$5,100	
	Exposed Concrete	5%	Now	\$16,300	LIFE	**	5	\$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Bulkhead, Storage Room In Basement									
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%									
Location : Storage Room In Basement									
	Masonry: Infill Arch	40%			LIFE	**			
	Plaster	15%			LIFE	**	5	\$4,800	
	Plaster	5%	Now	\$10,000	LIFE	**	5	\$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%									
Location : Storage Room Below Alley									
Water Penetration, Extent : Severe, Area Affected : 50%									
Location : Storage Room Below Alley									

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$1,500	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Service Switch Rated @ 1200 Amperes.									
Switchgear / Switchboard									
	Fused Disc Sw	100%			2026	\$24,400	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**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Raceway									
	Conduit	95%			2026	\$3,600	1		
	Conduit	5%			2046	**	1		
Panelboards									
	Fused Disc Sw	10%			2034	**	5	\$100	
	Molded Case Bkrs	55%			2025	\$8,200	5	\$500	
	Molded Case Bkrs	30%			2034	**	5	\$300	
	Molded Case Bkrs	5%			2042	**	5		
Wiring									
	Thermoplastic	95%			2026	\$7,700	1		
	Thermoplastic	5%			2046	**	1		
Motor Controllers									
	Locally Mounted	50%			2031	**	5	\$100	
	Locally Mounted	50%			2024	\$14,400	5	\$100	
Ground									
Grounding Devices									
	Generic	100%	2-4	\$9,500	LIFE	**	5	\$500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Corroded									
Stand-by Power									
Transfer Switches									
	Automatic	100%	Now	\$8,900	2046	**	1	\$9,500	
Not in Service, Extent : Moderate, Area Affected : 100%									
Location : Boiler Room									
Generators									
	Diesel	100%	Now	\$73,000	2041	**	1	\$12,000	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Emergency Generator Rated @ 70 Kw And Not Functional									
Lighting									
Interior Lighting									
	Fluorescent	75%			2026	\$57,400	10	\$24,100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Fluorescent	10%			2031	**	10	\$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : T-8 Lamps									
	Fluorescent	5%			2026	\$3,800	10	\$1,600	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	HID	10%			2026	\$28,500	10	\$100	
Egress Lighting									
	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.

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

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

**Lighting**

## Exterior Lighting

HID	30%			2031		* *	10		
No Component	70%								

**Alarm**

## Security System

No Component	70%								
Generic	30%			2031		* *	1	\$3,900	

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways And Outside**Explanation : CCTV Surveillance Camera System And Intrusion Alarm System*

## Fire/Smoke Detection

Generic, Digital	100%			2031		* *	1-3	\$21,800	
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Alarm Bells, Smoke Detectors, Horns, Strobe Lights, And Manual Pull Stations*

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

**Heating**

## Energy Source

Fuel Oil No 2	100%			2036		* *	5	\$10,800	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Vault**Explanation : 1 - 7,500 Gallon Tank For #2 Fuel*

## Conversion Equipment

Hot Water Boiler	100%			2031		* *	1	\$17,300	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 2 Boilers*

## Distribution

Hot Wtr Piping/Pump	100%	Now	\$2,600	2025	\$51,000		4	\$1,700	
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*Insul. Deteriorating, Extent : Severe, Area Affected : 20%**Location : Basement, Filter Room And Roof*

## Terminal Devices

Air Handler	40%			2026	\$184,000		1	\$8,700	
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Convactor/Radiator	60%			2024	\$105,100		1	\$6,800	
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**Air Conditioning**

## Energy Source

Electricity	100%			2034		* *	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**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
Conversion Equipment									
	Int Pkg Unit - Heating/Cooling	15%			2027	\$2,800	2	\$300	
		R-22 Refrigerant, Extent : Light, Area Affected : 15% Location : Package Unit, 3rd Floor							
	Ext Pkg Unit - Heating/Cooling	20%			2026	\$81,900	2	\$400	
		R-22 Refrigerant, Extent : Light, Area Affected : 20% Location : 3rd Floor Roof							
	Window/Wall Unit	40%			2021	\$27,300	1		
	No Component	25%							
Heat Rejection									
	Air Cooled Condenser Unit	20%			2026	\$9,900	2	\$4,900	
	No Component	80%							
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$19,500	
Exhaust Fans									
	Roof	100%			2026	\$54,300	2	\$1,100	
Plumbing									
H/C Water Piping									
	Brass/Copper	70%			2036	**	1		
		Booster Pump w/Tank, Extent : Light, Area Affected : 100% Location : Basement							
	Galvanized Steel	30%			2031	**	1		
		Other Observation, Extent : Light, Area Affected : 30% Location : Filter Room Explanation : Pvc Piping							
HW Heat Exchanger									
	Steam Fired	100%			2036	**	4	\$5,200	
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Sump Pump(s)									
	Non-Submersible	100%			2026	\$4,900	4	\$700	
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : Duplex Unit							
Pool Filter/Treatment									
	Sand	100%	Now	\$148,400	2031	**	4	\$8,700	
		Corroded, Extent : Moderate, Area Affected : 100% Location : Pumps							
Fixtures									
	Generic	100%							

**Vertical Transport**

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**DEPT. OF PARKS & RECREATION - 846**  
**HANSBOROUGH RECREATION CENTER GYMNASIUM AND INDOOR POOL**  
**Asset # : 256**

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

Vertical Transport

Elevators

Geared Traction

100%

LIFE

\* \*

*Other Observation, Extent : Light, Area Affected : 100%**Location : 1 To 5**Explanation : 1 Unit*

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 2359 **Lot** : 1 **BIN** : 5141708

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$35,300	
Mechanical		\$158,400
<b>Total</b>	<b>\$35,300</b>	<b>\$158,400</b>
Importance Code B	\$35,300	\$158,400
<b>Total</b>	<b>\$35,300</b>	<b>\$158,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$3,900	\$500	
Interior Architecture	\$900			
Electrical	\$400	\$8,900	\$700	\$400
Mechanical	\$1,400	\$8,400	\$900	\$1,000
<b>Total</b>	<b>\$2,800</b>	<b>\$21,300</b>	<b>\$2,100</b>	<b>\$1,400</b>
Importance Code A	\$400	\$4,400	\$900	\$400
Importance Code B	\$2,400	\$16,800	\$1,200	\$1,000
Importance Code C				
<b>Total</b>	<b>\$2,800</b>	<b>\$21,300</b>	<b>\$2,100</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**  
**HIGH ROCK PARK GREENBELT NATURE CENTER**

**Asset # : 13619**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%			LIFE	* *	5	\$12,100	
	Pre-Cast Concrete	5%			LIFE	* *	5	\$2,100	
Windows									
	Aluminum	98%			2041	* *	5	\$1,100	
	Metal Louvers	2%			2034	* *	10	\$100	
Parapets									
	Wood Cornice	100%			2045	* *	5-10		
Roof									
	Asphalt Shingle	100%			2040	* *	10	\$3,900	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Interior									
Floors									
	Cast in Place Concrete	5%	4+	\$300	LIFE	* *	5	\$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Ceramic Tile	5%			2034	* *	5	\$600	
	Quarry Tile	5%			2038	* *	5	\$900	
	Slate	85%	0-2	\$35,300	LIFE	* *	5	\$10,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Interior Walls									
	Ceramic Tile	5%			2038	* *	5	\$200	
	Concrete Masonry Unit	5%			LIFE	* *	5	\$100	
	Gypsum Board	45%			LIFE	* *	5	\$1,100	
	Masonry: Brick	40%			LIFE	* *			
	Wood	5%			LIFE	* *	5	\$800	
Ceilings									
	AcousTileSusp.Lay-In	15%			2038	* *	5	\$1,900	
	Gypsum Board	5%	Now	\$300	LIFE	* *	5	\$800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%									
Location : Porch At North Side									
Water Penetration, Extent : Moderate, Area Affected : 5%									
Location : Porch At North Side									
	Gypsum Board	75%			LIFE	* *	5	\$11,800	
	Wood	5%			LIFE	* *	5	\$5,500	

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

Under 600 Volts

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT NATURE CENTER**

**Asset # : 13619**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2045	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : One 300 Amperes Main Disconnect Switch								
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2045	* *	5	\$200	
	Raceway								
	Conduit	100%			2045	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2041	* *	5	\$200	
	Wiring								
	Thermoplastic	100%			2045	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2038	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2030	* *	10	\$7,300	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T-8 Lamps								
	Egress Lighting								
	Emergency, Battery	50%			2030	* *	10	\$1,000	
	Exit, Service	50%			2030	* *	1		
	Exterior Lighting								
	HID	100%			2030	* *	10		
Alarm									
	Fire/Smoke Detection								
	Generic, Digital	100%			2030	* *	1-3	\$4,900	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2045	* *	5	\$2,500	
	Conversion Equipment								
	Hot Water Boiler	100%			2038	* *	1	\$3,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 1 Unit								

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT NATURE CENTER**  
**Asset # : 13619**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Hot Wtr Piping/Pump	100%	Now	\$600	2041	* *	4	\$400	
		Malfunctioning, Extent : Severe, Area Affected : 50%							
		Location : Thermostat Down Frequently							
		Other Observation, Extent : Severe, Area Affected : 20%							
		Location : 1st Floor							
		Explanation : Not Enough Heat For The Early Childhood Education Room							
	Terminal Devices								
	Air Handler	80%			2030	* *	1	\$3,900	
	Convactor/Radiator	20%			2038	* *	1	\$500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	* *	1		
	Conversion Equipment								
	Int Pkg Unit - Heating/Cooling	100%			2026	\$158,400	2	\$500	
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
	Water Heater								
	Oil Fired	100%			2020	\$6,200	1	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17-Sep-2013 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1955 **Lot** : 1 **BIN** : 5134761

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$41,300	
<b>Total</b>	<b>\$41,300</b>	
Importance Code A	\$41,300	
<b>Total</b>	<b>\$41,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$1,000	\$2,500	
Interior Architecture	\$20,700	\$1,400	\$400	
Electrical	\$1,000	\$14,200	\$1,400	\$1,000
Mechanical	\$3,300	\$4,800	\$4,200	\$4,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$28,900</b>	<b>\$25,300</b>	<b>\$12,400</b>	<b>\$9,700</b>
Importance Code A	\$600	\$1,800	\$3,200	\$600
Importance Code B	\$26,200	\$23,500	\$9,300	\$9,100
Importance Code C	\$2,000			
<b>Total</b>	<b>\$28,900</b>	<b>\$25,300</b>	<b>\$12,400</b>	<b>\$9,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**  
**Asset # : 13922**

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	98%	4+	\$41,300	LIFE	**	5	\$25,100	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Window Wall	2%			2045	**	5	\$1,900	
Windows									
	Aluminum	98%			2041	**	5	\$5,000	
	Metal Louvers	2%			2034	**	10	\$600	
Roof									
	Asphalt Shingle	100%			2038	**	10	\$6,200	
Interior									
	Floors								
	Ceramic Tile	5%			2034	**	5	\$1,000	
	Sheet Vinyl/Rubber	10%			2030	**	5	\$2,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : First Floor							
		Explanation : Rubber Gymnasium Flooring							
	Vinyl Tile	15%			2030	**	3	\$1,100	
	Wood	70%	4+	\$9,600	2053	**	5	\$12,500	
		Deteriorated Finish, Extent : Light, Area Affected : 20%							
		Location : Throughout							
Interior Walls									
	Cast in Place Concrete	5%	2-4	\$900	LIFE	**			
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Ceramic Tile	5%			2034	**	5	\$300	
	Concrete Masonry Unit	5%			LIFE	**	5	\$100	
	Gypsum Board	85%	2-4	\$1,000	LIFE	**	5	\$2,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
Ceilings									
	AcousTileSusp.Lay-In	95%	2-4	\$8,000	2038	**	5	\$9,000	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Exposed Concrete	5%	Now	\$700	LIFE	**	5	\$100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Concrete Deck At Roof							

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

Under 600 Volts

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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**  
**Asset # : 13922**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2045	**	5	\$300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 1200 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
	Air Circuit Breaker	100%			2045	**	5	\$100	
Raceway									
	Conduit	100%			2045	**	1		
Panelboards									
	Fused Disc Sw	5%			2041	**	5		
	Molded Case Bkrs	95%			2041	**	5	\$300	
Wiring									
	Thermoplastic	100%			2045	**	1		
Motor Controllers									
	Locally Mounted	40%			2038	**	5		
	Motor Control Center	60%			2038	**	5	\$200	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$200	
Lighting									
Interior Lighting									
	Fluorescent	73%			2030	**	10	\$8,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Using T-8 Lamps									
	Fluorescent	20%			2030	**	10	\$2,400	
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Explanation : Using T-5 Lamps									
	Fluorescent	5%			2033	**	10	\$600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Lobby, Attic And Stairway 1, 2 Floors									
Explanation : Compact Fluorescent Lamps									
	HID	2%			2030	**	10		
Egress Lighting									
	Emergency, Battery	60%			2030	**	10	\$1,900	
	Exit, Service	40%			2030	**	1		
Exterior Lighting									
	HID	100%			2030	**	10		
Alarm									
Security System									
	No Component	50%							
	Generic	50%			2030	**	1	\$2,400	
Fire/Smoke Detection									
	Generic, Digital	100%			2030	**	1-3	\$8,000	

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**  
**Asset # : 13922**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2038	**	1	\$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2047	**	4	\$1,000	
Terminal Devices								
Air Handler	90%			2030	**	1	\$7,200	
Convactor/Radiator	10%			2038	**	1	\$400	
Air Conditioning								
Energy Source								
Electricity	100%			2041	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2030	**	1	\$6,000	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Courtyard								
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2045	**	4	\$600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	**	1	\$8,000	
Heat Rejection								
Dry Cooler	100%			2030	**	2	\$9,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,300	
Exhaust Fans								
Interior	100%			2030	**	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	**	1		
Water Heater								
Electric	100%			2023	\$11,700	4	\$100	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2033	**	1	\$800	
Fixtures								
Generic	100%							
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**  
**HIGH ROCK PARK GREENBELT RECREATION CENTER**

**Asset # : 13922**

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

Vertical Transport

Elevators

Hydraulic

100%

LIFE

\* \*

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

*Location : 1-2*

*Explanation : 1 Unit*

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$558,300	
<b>Total</b>	<b>\$558,300</b>	
Importance Code A	\$558,300	
<b>Total</b>	<b>\$558,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$17,800	
Interior Architecture			\$700	
Electrical	\$7,000		\$5,100	
<b>Total</b>	<b>\$7,000</b>		<b>\$23,600</b>	
Importance Code A			\$17,800	
Importance Code B	\$7,000		\$5,800	
<b>Total</b>	<b>\$7,000</b>		<b>\$23,600</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK AQUEDUCT TOWER**  
**Asset # : 13867**

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: Granite	95%	Now	\$419,000	LIFE	* *	5	\$23,900	
		Cracking/Crumbling, Extent : Severe, Area Affected : 15%							
		Location : Interior Side Of Wall At Upper Levels							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Upper Levels							
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : Interior Side Of Wall At Upper Levels							
	Metal Panel	5%			2036	* *	5-10	\$11,500	
Windows									
	Wood	100%	Now	\$139,300	2051	* *	5	\$22,800	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Dry Rot/Decay, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Roof									
	Copper/Terne	100%			2041	* *	10	\$14,700	
Interior									
Floors									
	Cast in Place Concrete	15%			LIFE	* *	5	\$600	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Ground Floor							
	Steel Grating	45%			2036	* *	1		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Stairs							
		Explanation : This Material Is Actually Cast Iron							
	Wood	40%			2041	* *	5	\$1,400	
Interior Walls									
	Masonry: Brick	80%			LIFE	* *			
		Efflorescence, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	No Component	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Upper Levels							
		Explanation : Granite Wall Seen On Interior Is The Inside Face Of The Exterior Wall							
Ceilings									
	Exposed Concrete	100%			LIFE	* *	5	\$300	
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : Throughout							

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



**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK AQUEDUCT TOWER**  
**Asset # : 13867**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2026	\$4,100	1		
	Wiring								
	Thermoplastic	100%			2026	\$8,900	1		
Lighting									
	Interior Lighting								
	Incandescent	100%	Now	\$7,000	2036	* *	2		
		Not in Service, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	Exterior Lighting								
	HID	100%			2021	\$5,100	10		

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,044,000	\$64,700
Interior Architecture	\$486,000	\$35,200
Electrical	\$124,600	\$78,500
Mechanical	\$173,000	\$41,100
<b>Total</b>	<b>\$1,827,600</b>	<b>\$219,500</b>
Importance Code A	\$1,044,000	\$64,700
Importance Code B	\$357,000	\$154,700
Importance Code C	\$426,600	
<b>Total</b>	<b>\$1,827,600</b>	<b>\$219,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,900			
Interior Architecture	\$3,400			
Electrical	\$700	\$600	\$43,800	\$600
Mechanical	\$12,300	\$700	\$1,200	\$400
<b>Total</b>	<b>\$34,200</b>	<b>\$1,300</b>	<b>\$45,000</b>	<b>\$1,000</b>
Importance Code A	\$17,900			
Importance Code B	\$13,000	\$1,300	\$45,000	\$1,000
Importance Code C	\$3,400			
<b>Total</b>	<b>\$34,200</b>	<b>\$1,300</b>	<b>\$45,000</b>	<b>\$1,000</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**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	95%	Now	\$226,700	LIFE	* *	5	\$23,000	
		Efflorescence, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : North Facade							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
		Location : North Facade							
	Pre-Cast Concrete	5%	Now	\$8,700	LIFE	* *	5	\$3,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Window Sills							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Window Sills							
		Staining/Discoloring, Extent : Moderate, Area Affected : 50%							
		Location : Window Sills							
	Windows								
	Steel	100%	Now	\$590,200	2051	* *	5	\$64,700	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Parapets								
	Masonry: Brick	75%	Now	\$165,900	LIFE	* *	5	\$8,800	
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : North Facade							
	Metal Security Bars	15%			2041	* *			
	Pre-Cast Concrete	10%	Now	\$9,100	LIFE	* *	5	\$7,400	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Coping							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Coping							

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

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									
	Cast in Place Concrete	100%	Now	\$61,300	LIFE		* *		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 50%								
	Location : Over Filter Room								
	Vegetation Growth, Extent : Moderate, Area Affected : 10%								
	Location : East End								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Filter Room								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Painted Surface								
Interior									
Floors									
	Cast in Place Concrete	95%			LIFE		* *	5	\$35,200
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Steel Grating	5%			2036		* *	1	
Interior Walls									
	Cast in Place Concrete	95%	Now	\$426,600	LIFE		* *		
	Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
	Location : Corridor At Basement Level, North Entrance								
	Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Filter Room								
	Other Observation, Extent : Severe, Area Affected : 20%								
	Location : Filter Room								
	Explanation : Expansion Joint Failure								
	Steel Plate	5%	Now	\$3,400	LIFE		* *	5	\$1,000
	Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
	Location : Steel Column								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Filter Room								
	Explanation : This is Actually A Steel Column.								
Ceilings									
	Exposed Concrete	100%	Now	\$59,400	LIFE		* *	5	\$2,600
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Filter Room								
	Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
	Location : Filter Room								
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Below Stands								
	Other Observation, Extent : Severe, Area Affected : 15%								
	Location : Below Stands								
	Explanation : Expansion Joint Failure								

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 FILTER HOUSE**  
**Asset # : 13454**

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

## Under 600 Volts

## Raceway

## Conduit

100%

2026

\$5,900

1

## Panelboards

## Molded Case Bkrs

100%

2025

\$8,200

5

\$200

## Wiring

## Thermoplastic

100%

2026

\$7,200

1

## Motor Controllers

## Motor Control Center

100%

2024

\$78,500

5

\$200

## Lighting

## Interior Lighting

## Fluorescent

100%

2021

\$124,600

10

\$10,400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : Lamp T-12*

## Exterior Lighting

## HID

100%

2021

\$33,000

10

## Alarm

## Fire/Smoke Detection

## Generic, Digital

100%

2031

\* \*

1-3

\$5,100

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

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

## Heating

## Energy Source

Plant Campus Steam /  
PRV

100%

2036

\* \*

1

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : Steam Provided From Boilers In Main Building*

## Distribution

Central Plant Steam  
Piping/Pmp

100%

2036

\* \*

4

\$800

## Terminal Devices

## Fan Coil Unit/Heat

100%

2021

\$173,000

1

\$3,700

## Ventilation

## Distribution

## Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$6,300

## Exhaust Fans

## Interior

100%

2026

\$41,100

2

\$300

## Plumbing

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK FILTER HOUSE**  
**Asset # : 13454**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%	2-4	\$10,100	2031	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%									
Location : Water Main And Throughout Basement									
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$300	4	\$300	
	Pool Filter/Treatment								
	Sand	100%			2031	* *	4	\$4,200	

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

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$576,000	\$55,300
Interior Architecture	\$60,800	\$230,800
Electrical	\$53,600	
Mechanical	\$63,600	\$819,100
<b>Total</b>	<b>\$754,000</b>	<b>\$1,105,100</b>
Importance Code A	\$639,600	\$55,300
Importance Code B	\$114,400	\$1,049,900
<b>Total</b>	<b>\$754,000</b>	<b>\$1,105,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$53,400		\$33,100	
Interior Architecture	\$29,700	\$4,500		\$300
Electrical	\$800	\$700	\$27,100	\$800
Mechanical	\$21,300	\$6,200	\$8,400	\$6,000
<b>Total</b>	<b>\$105,300</b>	<b>\$11,400</b>	<b>\$68,700</b>	<b>\$7,000</b>
Importance Code A	\$53,400	\$3,200	\$36,300	\$3,200
Importance Code B	\$51,800	\$5,200	\$32,300	\$3,900
Importance Code C		\$3,000		
<b>Total</b>	<b>\$105,300</b>	<b>\$11,400</b>	<b>\$68,700</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**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**  
**Asset # : 221**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	80%			LIFE	**	5	\$28,600	
	Masonry: Granite	5%			LIFE	**	5	\$1,300	
	Recent Repair Evident, Extent : Light, Area Affected : 25%								
	Location : Throughout								
	Masonry: Limestone	5%	Now	\$21,300	LIFE	**	5	\$1,300	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : At Entrance								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Painted Surface								
	Pre-Cast Concrete	5%	Now	\$6,500	LIFE	**	5	\$5,800	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Window Sills								
	Window Wall	5%			2056	**	5	\$6,700	
	Recent Construction, Extent : Light, Area Affected : 100%								
	Location : East And West Facades								
Windows									
	Aluminum	25%	Now	\$20,200	2042	**	5	\$2,200	
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Glass Block	25%	Now	\$72,200	LIFE	**	5	\$2,800	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Steel	50%	Now	\$503,900	2051	**	5	\$55,300	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
	Location : Basement, Gymnasium								
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
	Location : Gymnasium, Basement								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Gymnasium, Basement								
Parapets									
	Masonry: Brick	85%			LIFE	**	5	\$3,700	
	Metal Panel	15%	Now	\$5,400	2046	**	5	\$1,300	
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
	Location : Coping At East Facade								
Roof									
	Modified Bitumen	100%			2031	**	10	\$29,800	

## Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**  
**Asset # : 221**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	30%			LIFE	**	5	\$31,500	
	Ceramic Tile	30%	Now	\$60,800	2029	**	5	\$7,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Mens Locker Room									
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Mens Locker Room									
	Panel/Paver: Cer/Brk	10%			2034	**	5	\$10,800	
	Vinyl Tile	25%			2026	\$111,200	3	\$4,500	
	Vinyl Tile	5%			2034	**	3	\$1,200	
Interior Walls									
	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	**			
Ceilings									
	Exposed Concrete	30%			LIFE	**	5	\$2,200	
	Fiber Board	35%			2026	\$119,600			
	Plaster	35%	Now	\$24,000	LIFE	**	5	\$10,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Hallway To Electrical Room									
Paint Peeling, Extent : Moderate, Area Affected : 25%									
Location : Hallway To Electrical Room, Stairs									

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$23,900	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Switches Rated @ 1600 Amperes And 1200 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$26,700	5		
Raceway								
Conduit	80%			2026	\$3,300	1		
Conduit	20%			2036	* *	1		
Panelboards								
Fused Disc Sw	5%			2025	\$400	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room								
Molded Case Bkrs	75%			2025	\$6,100	5	\$200	
Molded Case Bkrs	20%			2034	* *	5		

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**  
**Asset # : 221**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Wiring									
	Thermoplastic	100%			2036	* *	1		
Motor Controllers									
	Locally Mounted	100%			2024	\$7,800	5	\$100	
Ground									
Grounding Devices									
	Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%									
Location : Basement									
Explanation : Connected To Main Water Pipe. Point Of Contact Not Visible; Covered With Insulation									
Lighting									
Interior Lighting									
	Fluorescent	70%			2021	\$53,600	10	\$20,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Fluorescent	20%			2031	* *	10	\$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : 1st Floor									
Explanation : T-8 Lamps									
	Fluorescent	5%			2034	* *	10	\$1,500	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Locker Room									
	HID	5%			2026	\$14,300	10	\$100	
Egress Lighting									
	Emergency, Battery	50%			2034	* *	10	\$3,900	
	Exit, LED	10%			2061	* *	1		
	Exit, Service	40%			2034	* *	1		
Exterior Lighting									
	HID	80%			2026	\$29,500	10		
	LED	20%			2034	* *			
Alarm									
Security System									
	No Component	70%							
	Generic	30%			2034	* *	1	\$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Lobby And Outside									
Explanation : C C T V Surveillance Cameras									
Fire/Smoke Detection									
	Generic, Digital	100%			2034	* *	1-3	\$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Smoke Detectors, Manual Pull Stations, Strobe Lights, And Horns									

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**  
**Asset # : 221**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2046	**	1		
	Conversion Equipment								
	Steam Boiler	100%	Now	\$63,600	2031	**	1	\$28,600	
	Repairs In Progress, Extent : Light, Area Affected : 50%								
	Location : One Of Two Units Under Repair								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 2 Units								
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2026	\$554,000	4	\$1,600	
	Terminal Devices								
	Convactor/Radiator	20%			2024	\$35,000	1	\$2,100	
	Unit Heater - Steam	80%			2026	\$93,600	4	\$2,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	**	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	5%	Now	\$13,300	2036	**	2	\$100	
	Unit Inoperable, Extent : Severe, Area Affected : 5%								
	Location : Roof								
	Window/Wall Unit	10%			2019	\$6,800	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%			2019	\$300	4	\$300	
	Fixtures								
	Generic	100%							

**Fire Suppression**

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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK HIGHBRIDGE PLAY CENTER**  
**Asset # : 221**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression	Standpipe								
	Generic	100%			2026	\$136,400	1-5	\$16,200	

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Interior Architecture	\$249,500	\$189,200
Electrical	\$238,000	
<b>Total</b>	<b>\$487,500</b>	<b>\$189,200</b>
Importance Code B	\$434,300	\$189,200
Importance Code C	\$53,300	
<b>Total</b>	<b>\$487,500</b>	<b>\$189,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Electrical			\$200	
<b>Total</b>			<b>\$200</b>	
Importance Code B			\$200	
<b>Total</b>			<b>\$200</b>	



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**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK OLYMPIC POOL**  
**Asset # : 220**

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

## Interior

## Floors

Cast in Place Concrete      100%    Now      \$196,200    LIFE      \* \*    5      \$189,200

*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      \$53,300    LIFE      \* \*

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

*Location : Throughout*

*Paint Peeling, Extent : Moderate, Area Affected : 50%*

*Location : Throughout*

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

## Lighting

## Exterior Lighting

HID      100%      2021      \$238,000    10      \$200

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

*Location : Outside*

*Explanation : 36 Lamp Posts*

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

## Plumbing

## H/C Water Piping

Galvanized Steel      100%      2031      \* \*    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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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$98,000	
Interior Architecture	\$541,700	
Electrical	\$37,400	\$59,800
Mechanical		\$520,300
<b>Total</b>	<b>\$677,100</b>	<b>\$580,100</b>
Importance Code A	\$98,000	
Importance Code B	\$579,100	\$580,100
<b>Total</b>	<b>\$677,100</b>	<b>\$580,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,400			
Interior Architecture	\$73,000			\$2,200
Electrical	\$4,000	\$3,100	\$3,800	\$3,100
Mechanical	\$15,100	\$6,200	\$7,900	\$5,400
Site Pavements	\$7,500			
<b>Total</b>	<b>\$123,900</b>	<b>\$9,300</b>	<b>\$11,700</b>	<b>\$10,600</b>
Importance Code A	\$26,000	\$1,600	\$1,600	\$1,600
Importance Code B	\$58,000	\$7,700	\$10,100	\$9,000
Importance Code C	\$40,000			
<b>Total</b>	<b>\$123,900</b>	<b>\$9,300</b>	<b>\$11,700</b>	<b>\$10,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	65%	Now	\$57,000	LIFE	* *	5	\$17,300	
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Weepholes Not Funct, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Metal Panel	10%			2048	* *	5-10	\$29,300	
	Metal Sect. OHD	5%	0-2	\$3,300	2041	* *	5	\$3,300	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Window Wall	20%	Now	\$41,000	2048	* *	5	\$16,000	
		Air Infiltration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
Windows									
	Aluminum	5%	0-2	\$700	2044	* *	5	\$200	
		Air Infiltration, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Metal Louvers	5%	2-4	\$500	2037	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	No Component	90%							
Roof									
	Metal Panel	100%	Now	\$19,900	2041	* *			
		Water Penetration, Extent : Light, Area Affected : 5%							
		Location : Throughout							
Interior									
Floors									
	Cast in Place Concrete	10%			LIFE	* *	5	\$21,700	
	Ceramic Tile	5%			2037	* *	5	\$2,500	
	Sheet Vinyl/Rubber	50%	0-2	\$73,300	2033	* *	5	\$18,600	
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Terrazzo	15%			LIFE	* *	5	\$11,600	
	Vinyl Tile	15%	0-2	\$6,300	2033	* *	3	\$2,800	
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Wood	5%	0-2	\$8,200	2056	* *	5	\$2,300	
		Deteriorated Finish, Extent : Light, Area Affected : 20%							
		Location : Throughout							

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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	12%			LIFE	**	5	\$2,000	
Glass: Single Pane	3%			LIFE	**	5	\$900	
Gypsum Board	10%			LIFE	**	5-10	\$3,500	
SGFT/Glazed Masonry	70%	2-4	\$27,700	LIFE	**			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%	4+	\$1,100	LIFE	**	5	\$4,100	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%	0-2	\$4,000	2033	**	5	\$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Exposed Struc: Steel	90%	Now	\$468,400	LIFE	**			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	5%			LIFE	**	5-10	\$8,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2063	**			
Retaining Walls								
Cast in Place Concrete	100%			2063	**			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	\$7,500	2041	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2048	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement - Electrical Room									
Explanation : Main Service Disconnect Switch Rated @ 1600 Amperes.									
Switchgear / Switchboard									
	Fused Disc Sw	100%			2048	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement - Electrical Room									
Explanation : 2- Sections, 2 Main Bus Rated @ 800 Amperes Each.									
Raceway									
	Conduit	100%			2048	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Panelboards								
	Fused Disc Sw	5%			2044	**	5		
	Molded Case Bkrs	95%			2044	**	5	\$800	
	Wiring								
	Thermoplastic	100%			2048	**	1		
	Motor Controllers								
	Locally Mounted	100%			2041	**	5	\$200	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$1,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement - Fire Pump Room							
		Explanation : Connected To Metal Water Pipe							
Lighting									
	Interior Lighting								
	Fluorescent	60%			2036	**	10	\$18,200	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Offices, Basement, Mechanical Room							
	Fluorescent	5%			2028	\$3,600	10	\$1,500	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Hallways And Storage							
	HID	35%			2036	**	10	\$400	
	Egress Lighting								
	Emergency, Battery	50%			2033	**	10	\$4,000	
	Exit, Service	50%			2033	**	1		
	Exterior Lighting								
	Fluorescent	25%			2028	\$26,500	10	\$800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : 10 - CFL (Compact Fluorescent Light Fixtures)							
	HID	45%			2028	\$56,100	10		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : 9 - HID Lights							
	HID	30%	Now	\$37,400	2038	**			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Outside							
		Explanation : 6 - HID Lights Are Not Functional							
Alarm									
	Security System								
	Generic	100%			2033	**	1	\$12,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Inside And Outside							
		Explanation : 11 CCTV Surveillance Cameras							

*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**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

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

**Alarm**

Fire/Smoke Detection  
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*

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

**Heating**

Energy Source

Natural Gas

100%

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

\$346,900

2

\$600

*R-22 Refrigerant, Extent : Light, Area Affected : 30%**Location : 2 Units, 1st Floor Ceiling Mounted*Interior Pkg Unit -  
Cooling

15%

2026

\$173,400

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

\$29,200

Exhaust Fans

Interior

80%

2033

\* \*

2

\$800

Wall Unit

20%

2028

\$2,200

2

\$200

**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**  
**HUNTS POINT YOUTH RECREATION CTR**  
**Asset # : 13441**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping Brass/Copper	100%			2048	* *	1		
	Water Heater Gas Fired	100%			2026	\$18,900	2	\$500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 Unit 40 Gallons								
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Non-Submersible	100%			2033	* *	4	\$700	
	Sewage Ejector(s) Electric	100%			2033	* *	4	\$1,300	
	Backflow Preventer Generic	100%			2033	* *	1	\$2,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Backflow Preventer With Sprinkler Pipe Line Not With Water Main.								
	Fixtures Generic	100%							
Fire Suppression									
	Sprinkler Generic	100%			2048	* *	1-2	\$9,300	
	Fire Pump Generic	100%			2031	* *	1	\$6,200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Pump Room, Basement								
	Explanation : 1 Unit.								
	Chemical System No Component Generic	80% 20%			2026	\$400	1-3	\$700	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Fire Extinguishers								

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$69,700	
<b>Total</b>	<b>\$69,700</b>	
Importance Code A	\$69,700	
<b>Total</b>	<b>\$69,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$71,600			
Interior Architecture	\$32,800			
Electrical	\$17,900			
Mechanical	\$1,500	\$400	\$2,800	\$400
Site Enclosure	\$7,900			
Site Pavements	\$56,800			
<b>Total</b>	<b>\$188,500</b>	<b>\$400</b>	<b>\$2,800</b>	<b>\$500</b>
Importance Code A	\$72,000	\$300	\$300	\$300
Importance Code B	\$56,400	\$100	\$2,500	\$200
Importance Code C	\$60,100			
<b>Total</b>	<b>\$188,500</b>	<b>\$400</b>	<b>\$2,800</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**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**  
**Asset # : 1167**

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	90%	Now	\$30,600	LIFE	* *	5	\$5,100	1
		Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : At Building Corners And Wall Openings							
		Horizontal Cracks, Extent : Severe, Area Affected : 20%							
		Location : West Facade Above Staff Entrance							
		Vegetation Growth, Extent : Severe, Area Affected : 20%							
		Location : Corners Of Building At Broken Downspouts							
	Masonry: Fieldstone	10%	Now	\$11,200	LIFE	* *	5	\$400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : At Building Foundation							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : At Building Foundation							
Windows									
	Metal Louvers	5%	Now	\$2,900	2043	* *			
		Deformed/Dented, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Building Entire							
	Wood	95%	Now	\$69,700	2053	* *	5	\$9,300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Basement And First Floor							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Basement And First Floor							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Basement And First Floor							
		Explanation : Protective Metal Grilles							
Roof									
	Slate	100%	Now	\$26,900	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 50%							
		Location : Eaves							
Interior									
	Floors								
	Cast in Place Concrete	30%			LIFE	* *	5	\$2,200	
	Ceramic Tile	35%	Now	\$2,300	2031	* *	5	\$300	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Restrooms							
	Vinyl Tile	15%			2028	\$2,100	3	\$100	
	Wood	20%	Now	\$3,300	2043	* *	5	\$300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Office							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : Office							

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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**  
**Asset # : 1167**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Cast in Place Concrete	20%			LIFE	**	10	\$2,500	
	Marble Panels	40%	Now	\$19,300	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Various Tiles At Base Of Walls In Both Restrooms									
	Plaster	30%			LIFE	**	5-10	\$1,300	
	SGFT/Glazed Masonry	10%			LIFE	**	10	\$300	
Ceilings									
	Exposed Concrete	30%	0-2	\$1,100	LIFE	**	5	\$100	
Paint Peeling, Extent : Moderate, Area Affected : 50%									
Location : Basement Ceiling									
	Plaster	70%	Now	\$2,100	LIFE	**	5	\$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Office									
Paint Peeling, Extent : Moderate, Area Affected : 25%									
Location : Office									
Site Enclosure									
Fence/Gates									
	Chain link	38%			2038	**			
	Iron Picket	62%	Now	\$7,000	2078	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%									
Location : Curbing Anchoring Fence Posts At Women Restroom									
Corrosion/Rusting, Extent : Severe, Area Affected : 50%									
Location : Railing At Ramp To Basement									
Free Standing Walls									
	Masonry: Fieldstone	100%	Now	\$300	2038	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Pylons Flanking Staff Entrance									
Retaining Walls									
	Masonry: Fieldstone	100%	Now	\$500	2038	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Archway (Vault) Spanning Ramp To Basement									
Site Pavements									
Public Sidewalk									
	Pavers/Stone	100%	0-2	\$26,900	2031	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Walkway Parallel To Dyckman Ave									
Sinking/Subsiding, Extent : Moderate, Area Affected : 20%									
Location : Walkway Parallel To Dyckman Ave									
Tripping Hazard, Extent : Moderate, Area Affected : 30%									
Location : Walkway Parallel To Dyckman Ave									

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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**  
**Asset # : 1167**

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

## Site Pavements

## On-Site Walkways

Cast in Place Concrete	40%	Now	\$25,800	2048	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Access Ramp To Basement</i>								

Pavers/Stone	60%	0-2	\$4,100	2031	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Perimeter Walkway</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Perimeter Walkway</i>								

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2028	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Main Service Switch Rated @ 100 Amperes</i>								

## Raceway

Conduit	100%			2028	\$3,700	1		
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## Panelboards

Molded Case Bkrs	100%			2027	\$7,500	5		\$100
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## Wiring

Braided Cloth	60%	2-4	\$4,900	2053	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Thermoplastic	40%			2028	\$3,300	1		
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## Ground

## Grounding Devices

Generic	100%	0-2	\$9,500	LIFE	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								

## Lighting

## Interior Lighting

Fluorescent	80%			2023	\$5,200	10		\$2,200
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Fluorescent	20%	0-2	\$1,300	2038	**			
<i>Inadequate Lighting Level, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement</i>								

## Exterior Lighting

HID	20%			2023	\$2,200	10		
No Component	80%							

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**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK COMFORT AND RECREATION - 001A**  
**Asset # : 1167**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2038	* *	5	\$900	
	Conversion Equipment								
	Steam Boiler	100%	Now	\$400	2033	* *	1	\$2,600	
			Leak Evident, Extent : Moderate, Area Affected : 3%						
			Location : Oil Leaks At The Filter. Basement						
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : 1 Unit						
	Distribution								
	Steam Piping/Pump	100%			2028	\$12,300			
	Terminal Devices								
	Convactor/Radiator	100%			2033	* *	1	\$1,000	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2028	\$20,700	1		
	Water Heater								
	Electric	100%			2021	\$2,400	4		
	Sanitary Piping								
	Cast Iron	100%	Now	\$1,000	LIFE	* *	1		
			Other Observation, Extent : Severe, Area Affected : 30%						
			Location : Basement						
			Explanation : Flooding When It Rains						
	Fixtures								
	Generic	100%							

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 6,359 **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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$391,500	
Interior Architecture		\$40,400
<b>Total</b>	<b>\$391,500</b>	<b>\$40,400</b>
Importance Code A	\$391,500	
Importance Code B		\$40,400
<b>Total</b>	<b>\$391,500</b>	<b>\$40,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,600			\$600
Interior Architecture	\$12,500	\$1,000	\$700	
Electrical	\$10,100	\$400	\$400	\$500
Mechanical	\$5,200	\$600	\$3,500	\$800
<b>Total</b>	<b>\$53,300</b>	<b>\$2,000</b>	<b>\$4,600</b>	<b>\$1,800</b>
Importance Code A	\$25,900	\$300	\$300	\$900
Importance Code B	\$27,400	\$1,500	\$4,300	\$900
Importance Code C		\$200		
<b>Total</b>	<b>\$53,300</b>	<b>\$2,000</b>	<b>\$4,600</b>	<b>\$1,800</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**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	2-4	\$18,200	LIFE	**	5	\$16,100	
	Cracking/Crumbling, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Masonry: Granite	80%	0-2	\$304,600	LIFE	**	5	\$19,300	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Wood	10%	Now	\$50,700	2031	**	5	\$8,100	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : Throughout Fascias							
	Split/Cracked, Extent : Moderate, Area Affected : 20%							
	Location : Throughout Fascias							
Windows								
Aluminum	45%			2042	**	5	\$1,200	
Glass Block	15%	Now	\$2,000	LIFE	**	5	\$200	
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : At Office							
Steel	40%	0-2	\$5,500	2034	**	5	\$6,600	
	Corrosion/Rusting, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Roof								
Slate	40%	Now	\$36,200	LIFE	**			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
	Location : Over Office, Comfort Station							
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Not Accessible	60%							
Interior								
Floors								
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	\$1,800	
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$400	
Concrete Masonry Unit	60%			LIFE	**	5	\$1,900	
Plaster	15%			LIFE	**	5	\$300	
SGFT/Glazed Masonry	20%			LIFE	**			
Ceilings								
Plaster	100%	Now	\$12,500	LIFE	**	5	\$5,900	
	Paint Peeling, Extent : Moderate, Area Affected : 25%							
	Location : Office, Comfort Station							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Comfort Station, Crc Room							

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2036	* *	5		
		Enclosure Corroded, Extent : Severe, Area Affected : 100%							
		Location : Electrical Room							
	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		
Ground									
	Grounding Devices								
	Generic	100%	2-4	\$9,500	LIFE	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	88%			2026	\$12,300	10	\$5,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	10%			2026	\$1,400	10	\$600	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	HID	2%			2026	\$200	10		
	Egress Lighting								
	Emergency, Battery	50%			2026	\$4,300	10	\$800	
	Exit, Service	50%			2026	\$900	1		
	Exterior Lighting								
	HID	100%			2026	\$24,000	10		
Alarm									
	Fire/Smoke Detection								
	Generic, Digital	100%			2031	* *	1-3	\$4,000	

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

Heating

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2046	**	1		
			Other Observation, Extent : Light, Area Affected : 50% Location : Front Of Building Explanation : Buried Tank For #2 Fuel						
	Conversion Equipment								
	Hot Water Boiler	100%			2031	**	1	\$3,100	
			Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 1 Boiler						
	Distribution								
	Hot Wtr Piping/Pump	100%			2034	**	4	\$300	
	Terminal Devices								
	Convactor/Radiator	100%			2031	**	1	\$2,100	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	**	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	60%			2026	\$28,900	2	\$200	
	Window/Wall Unit	20%			2021	\$2,500	1		
	No Component	20%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,500	
	Exhaust Fans								
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0% Location : Roof Explanation : Several Units Visable From The Ground						
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	**	1		
	Water Heater								
	Gas Fired	100%			2024	\$3,600	2	\$100	
	Sanitary Piping								
	Cast Iron	100%	0-2	\$4,400	LIFE	**	1		
			Corroded, Extent : Moderate, Area Affected : 50% Location : Basement						
	Sump Pump(s)								
	Submersible	100%			2019	\$200	4	\$200	
			Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : Single Unit						
	Backflow Preventer								
	Generic	100%			2026	\$1,500	1	\$400	

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**  
**J. HOOD WRIGHT PARK THE GOLDEN AGE CTR / COMFORT STA**  
**Asset # : 14495**

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

Plumbing

Fixtures

Generic

100%

*Other Observation, Extent : Light, Area Affected : 50%**Location : Comfort Stations**Explanation : Stainless Steel Park Style*

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

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 1,775 **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	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$129,900	\$113,200
Interior Architecture		\$187,100
<b>Total</b>	<b>\$129,900</b>	<b>\$300,300</b>
Importance Code A	\$129,900	\$113,200
Importance Code B		\$187,100
<b>Total</b>	<b>\$129,900</b>	<b>\$300,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture				
Electrical			\$800	
Mechanical	\$800		\$100	
<b>Total</b>	<b>\$800</b>		<b>\$1,000</b>	
Importance Code A				
Importance Code B	\$800		\$1,000	
<b>Total</b>	<b>\$800</b>		<b>\$1,000</b>	



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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK BANDSHELL**  
**Asset # : 2721**

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

**Exterior**

## Exterior Walls

Cast in Place Concrete	20%			LIFE		**	5	\$62,900	
Masonry: Brick	80%			LIFE		**	5	\$50,300	

## Parapets

Pre-Cast Concrete	100%			LIFE		**	5	\$900	
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## Roof

Cast in Place Concrete	25%			LIFE		**			
Traffic Topping	75%			2031		**	10	\$129,900	

**Interior**

## Floors

Cast in Place Concrete	100%			LIFE		**	5	\$187,100	
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## Interior Walls

Cast in Place Concrete	100%			LIFE		**			
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## Ceilings

Exposed Concrete	100%			LIFE		**	5	\$13,400	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Under 600 Volts**

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

**Ventilation**

## Distribution

Ductwork/Diffusers	100%			LIFE		**	2-5	\$1,000	
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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**  
**JACKIE ROBINSON PARK BANDSHELL**  
**Asset # : 2721**

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

Ventilation

Exhaust Fans

Roof

100%

0-2

\$800

2031

\* \*

2

*Dented, Extent : Moderate, Area Affected : 25%*

*Location : 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.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$38,100		\$3,300	
Interior Architecture	\$1,700			
Electrical			\$2,600	
Mechanical	\$700		\$100	
<b>Total</b>	<b>\$40,500</b>	<b>\$100</b>	<b>\$6,000</b>	
Importance Code A	\$38,100		\$3,300	
Importance Code B	\$2,400		\$2,700	
Importance Code C				
<b>Total</b>	<b>\$40,500</b>	<b>\$100</b>	<b>\$6,000</b>	



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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**JACKIE ROBINSON PARK COMFORT STATION**  
**Asset # : 882**

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	90%	Now	\$19,200	LIFE	**	5	\$3,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Corners							
		Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Painted Surfaces, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Pre-Cast Concrete	2%			LIFE	**	5	\$200	
	Wood	8%	0-2	\$14,800	2046	**	5	\$700	1
		Deteriorated Finish, Extent : Severe, Area Affected : 50%							
		Location : Eaves							
		Dry Rot/Decay, Extent : Moderate, Area Affected : 25%							
		Location : Eaves							
		Paint Peeling, Extent : Severe, Area Affected : 25%							
		Location : Eaves							
		Split/Cracked, Extent : Severe, Area Affected : 50%							
		Location : Eaves							
Windows									
	Steel	100%	Now	\$4,100	2051	**	5	\$500	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
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		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Basement							
		Exposed Reinforcement, Extent : Moderate, Area Affected : 15%							
		Location : Basement							
	Plaster	80%	Now	\$700	LIFE	**	5	\$400	
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Restrooms							

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$1,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Main Service Switch Rated @ 100 Amperes									
	Raceway								
	Conduit	100%			2026	\$3,700	1		
	Panelboards								
	Molded Case Bkrs	100%			2025	\$7,500	5		
	Wiring								
	Thermoplastic	100%			2026	\$8,200	1		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Connected To Main Water Pipe									
Lighting									
	Interior Lighting								
	Fluorescent	100%			2021	\$1,800	10	\$800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2036	* *	1		
	Conversion Equipment								
	Furnace	100%			2026	\$1,900	1	\$400	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2026	\$5,900	1		
	Water Heater								
	Electric	100%	Now	\$700	2026	\$700	4		
	Unit Inoperable, Extent : Severe, Area Affected : 100%								
	Location : 1st Floor								
	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**

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

Plumbing

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.*

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Interior Architecture	\$70,300	\$67,800
Electrical		\$85,300
<b>Total</b>	<b>\$70,300</b>	<b>\$153,000</b>
Importance Code B	\$70,300	\$153,000
<b>Total</b>	<b>\$70,300</b>	<b>\$153,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</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**

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

## Interior

## Floors

Cast in Place Concrete      100%    Now      \$70,300    LIFE      \* \*    5      \$67,800

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

*Location : Throughout*

*Paint Peeling, Extent : Moderate, Area Affected : 50%*

*Location : Throughout*

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

## Lighting

## Exterior Lighting

HID      100%      2026      \$85,300    10      \$100

## Alarm

## Security System

No Component      85%  
 Generic      15%      2026      \$10,200    1      \$1,200

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

*Location : Outdoors*

*Explanation : 2 - CCTV Cameras*

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

## Plumbing

## H/C Water Piping

Galvanized Steel      100%      2031      \* \*    1

## Storm Drain Piping

Cast Iron      100%      LIFE      \* \*    1

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$535,600	\$641,200
Interior Architecture	\$116,800	\$44,400
Electrical	\$37,600	\$144,800
Mechanical	\$148,200	\$2,514,700
<b>Total</b>	<b>\$838,200</b>	<b>\$3,345,100</b>
Importance Code A	\$535,600	\$641,200
Importance Code B	\$302,600	\$2,704,000
<b>Total</b>	<b>\$838,200</b>	<b>\$3,345,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,300			\$1,500
Interior Architecture	\$62,800		\$3,300	\$1,500
Electrical	\$7,400	\$2,600	\$2,400	\$3,100
Mechanical	\$24,400	\$6,700	\$16,800	\$6,200
<b>Total</b>	<b>\$138,900</b>	<b>\$9,300</b>	<b>\$22,400</b>	<b>\$12,200</b>
Importance Code A	\$52,300	\$3,800	\$3,800	\$5,400
Importance Code B	\$85,300	\$5,500	\$18,600	\$6,900
Importance Code C	\$1,300			
<b>Total</b>	<b>\$138,900</b>	<b>\$9,300</b>	<b>\$22,400</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**  
**JACKIE ROBINSON PARK RECREATION CENTER**  
**Asset # : 881**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	Now	\$24,500	LIFE	**	5	\$19,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : West Facade							
	Masonry: Brick	90%	Now	\$117,900	LIFE	**	5	\$71,700	
		Vertical Cracks, Extent : Moderate, Area Affected : 5%							
		Location : East Facade							
	Masonry: Limestone	5%	Now	\$47,400	LIFE	**	5	\$3,000	
		Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
		Location : Column/ Pier Caps East Facade							
Windows									
	Aluminum	25%			2042	**	5	\$3,000	
	Metal Louvers	5%	Now	\$19,800	2041	**			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : East Facade							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : East Facade							
	Steel	70%			2034	**	5	\$106,400	
Parapets									
	Masonry: Brick	35%			LIFE	**	5	\$5,400	
	Metal Rail	25%	Now	\$113,100	2046	**	5	\$27,600	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : West Side							
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Pre-Cast Concrete	40%	Now	\$60,700	LIFE	**	5	\$39,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : South Side							
		Explanation : Concrete Railing							
Roof									
	Modified Bitumen	95%	Now	\$143,100	2026	\$477,100			
		Expansion Jnt Failure, Extent : Moderate, Area Affected : 25%							
		Location : Over Basketball Court							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Basketball Court, Bulkheads							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Skylight, Metal/Glass	5%			2046	**	10	\$13,200	

**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**  
**JACKIE ROBINSON PARK RECREATION CENTER**  
**Asset # : 881**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Carpet	5%			2019	\$40,400	3	\$5,800	
	Cast in Place Concrete	35%			LIFE	* *	5	\$44,400	
	Granite Panels	15%			LIFE	* *	5	\$6,500	
	Quarry Tile	5%			2031	* *	5	\$4,400	
	Terrazzo	25%			LIFE	* *	5	\$11,300	
	Vinyl Tile	15%			2021	\$80,700	3	\$3,300	
Interior Walls									
	Ceramic Tile	5%			2029	* *	5	\$2,600	
	Masonry: Brick	15%			LIFE	* *			
	Plaster	60%			LIFE	* *	5	\$9,200	
	SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings									
	Exposed Concrete	50%			LIFE	* *	5	\$4,400	
	Exposed Concrete	5%	Now	\$19,700	LIFE	* *	5	\$400	
Exposed Reinforcement, Extent : Severe, Area Affected : 25%									
Location : South Bulkhead									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Bulkheads									
	Plaster	45%	Now	\$36,200	LIFE	* *	5	\$15,800	
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Locker Rooms, Basketball Court									

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%	2-4	\$4,200	2056	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : 2- Service Switches No Available Nameplate Ratings And On Extended Life							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2046	* *	5	\$200	
	Raceway								
	Conduit	100%			2026	\$57,300	1		
	Panelboards								
	Fused Disc Sw	20%			2034	* *	5	\$200	
	Molded Case Bkrs	60%			2025	\$38,100	5	\$600	
	Molded Case Bkrs	20%			2042	* *	5	\$200	
	Wiring								
	Braided Cloth	80%	2-4	\$37,600	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	20%			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**  
**JACKIE ROBINSON PARK RECREATION CENTER**  
**Asset # : 881**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Motor Controllers								
	Locally Mounted	100%			2024	\$49,400	5	\$300	
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	95%			2034	* *	10	\$33,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
		Explanation : T-8 Lamps							
	HID	5%			2034	* *	10	\$100	
Egress Lighting									
	Emergency, Battery	50%			2034	* *	10	\$4,700	
	Exit, Battery	50%			2034	* *	10	\$1,300	
Exterior Lighting									
	HID	100%			2034	* *	10	\$100	
Alarm									
	Security System								
	No Component	90%							
	Generic	10%			2026	\$12,600	1	\$1,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Doors							
		Explanation : Panic Bars							
Fire/Smoke Detection									
	Generic, Digital	100%			2031	* *	1-3	\$24,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells And Smoke Detectors And Horns							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2036	* *	5	\$12,000	
	Conversion Equipment								
	Steam Boiler	100%			2031	* *	1	\$38,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 2 Units							
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2036	* *	4	\$2,900	

*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**  
**JACKIE ROBINSON PARK RECREATION CENTER**  
**Asset # : 881**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Air Handler	25%			2026	\$139,200	1	\$6,000	
	Convactor/Radiator	70%			2031	* *	1	\$8,800	
	Fan Coil Unit/Heat	5%			2026	\$29,600	1	\$600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	80%			2026	\$256,400	2	\$1,900	
	Window/Wall Unit	5%			2021	\$4,100	1		
	No Component	15%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	40%			LIFE	* *	2-5	\$8,600	
	No Component	60%							
	Exhaust Fans								
	Interior	30%			2021	\$42,200	2	\$400	
	Roof	10%			2031	* *	2	\$100	
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	HW Heat Exchanger								
	Steam Fired	100%	Now	\$18,900	2036	* *	4	\$3,800	
	Other Observation, Extent : Moderate, Area Affected : 50%								
	Location : Basement								
	Explanation : Under Construction								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2026	\$5,900	4	\$800	
	Pool Filter/Treatment								
	Activated Carbon	100%	0-2	\$106,000	2024	\$2,119,100	4	\$9,600	
	Corroded, Extent : Moderate, Area Affected : 10%								
	Location : Connecting Pipes, Basement								
Fixtures									
	Generic	100%							

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$55,400			
Interior Architecture	\$13,900	\$4,700	\$100	
Electrical	\$12,800			\$100
Mechanical	\$400	\$500	\$400	\$500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$86,500</b>	<b>\$9,100</b>	<b>\$4,500</b>	<b>\$4,500</b>
Importance Code A	\$55,700	\$300	\$300	\$300
Importance Code B	\$26,100	\$5,800	\$4,200	\$4,200
Importance Code C	\$4,700	\$3,000		
<b>Total</b>	<b>\$86,500</b>	<b>\$9,100</b>	<b>\$4,500</b>	<b>\$4,500</b>



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

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
**Asset # : 2819**

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	90%	Now	\$21,900	LIFE	* *	5	\$14,500	
		Diagonal Cracks, Extent : Light, Area Affected : 10%							
		Location : East Facade At North And South Corners							
		Patching Evident, Extent : Moderate, Area Affected : 15%							
		Location : North And South Facades							
		Recent Repair Evident, Extent : Light, Area Affected : 75%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 10%							
		Location : South East Corner Of Facade							
	Masonry: Limestone	10%	Now	\$9,800	LIFE	* *	5	\$1,200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : At North Entrance, Various Locations Throughout							
		Recent Repair Evident, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Staining/Discoloring, Extent : Light, Area Affected : 20%							
		Location : West Facade, North Facade, South Facade							
Windows									
	Steel	100%	4+	\$8,300	2048	* *	5	\$19,800	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Wood Trim, Exterior Face							
Parapets									
	Masonry: Brick	90%			LIFE	* *	5	\$14,100	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Masonry: Limestone	10%	4+	\$12,200	LIFE	* *	5	\$2,000	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : East / West Facades							
Roof									
	Slate	100%	Now	\$3,300	LIFE	* *			
		Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 15%							
		Location : North/ South Facades							
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL BATHHOUSE AND COMFORT STA**  
**Asset # : 2819**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	15%	Now	\$700	LIFE	**	5	\$1,500	
		Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
		Location : Boiler Room							
	Ceramic Tile	75%			2035	**	5	\$3,500	
	Sheet Vinyl/Rubber	10%	Now	\$2,700	2026	\$13,700	5	\$300	
		Misaligned/Bulging, Extent : Severe, Area Affected : 20%							
		Location : Steps From Locker Rooms To Pool Area							
Interior Walls									
	Cast in Place Concrete	15%			LIFE	**			
	Ceramic Tile	25%			2035	**	5	\$5,900	
	Gypsum Board	15%			LIFE	**	5	\$2,100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Elevator Machine Room							
	Plaster	25%	Now	\$4,700	LIFE	**	5	\$1,800	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Womens Locker Room, Elevator Machine Room							
	SGFT/Glazed Masonry	20%			LIFE	**			
Ceilings									
	AcousTileSusp.Lay-In	5%			2031	**	5	\$200	
	Plaster	95%	Now	\$5,700	LIFE	**	5	\$2,700	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout First And Second Floors, Boiler Room							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Locker Rooms, Supervisors Office							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2052	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : Main Service Switch Rated @ 400 Amperes.								
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2052	**	5	\$100	
Raceway									
	Conduit	90%			2026	\$3,400	1		
	Conduit	10%			2052	**	1		
Panelboards									
	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.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Wiring									
	Braided Cloth	40%	2-4	\$3,300	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	50%			2026	\$4,100	1		
	Thermoplastic	10%			2052	* *	1		
Motor Controllers									
	Locally Mounted	100%			2043	* *	5		
Ground									
Grounding Devices									
	Generic	100%	0-2	\$9,500	LIFE	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Corroded									
Lighting									
Interior Lighting									
	Fluorescent	100%			2026	\$6,700	10	\$2,800	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Egress Lighting									
	Exit, Service	100%			2026	\$800	1		
Exterior Lighting									
	HID	20%			2026	\$2,300	10		
	No Component	80%							
Alarm									
Security System									
	No Component	95%							
	Generic	5%			2026	\$500	1	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : CCTV Surveillance Cameras									

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2046	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2046	* *	1	\$3,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 1 Brand New Unit									
	Distribution								
	Central Plant Steam	100%			2046	* *	4	\$200	
	Piping/Pmp								

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

Estimates are rounded to the nearest hundred dollars.

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convactor/Radiator	100%			2031	* *	1	\$1,000	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	Water Heater								
	Gas Fired	100%			2026	\$1,800	2		
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%			2036	* *	4	\$100	
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$200	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Sub-b, M, 1.								
	Explanation : 1 New Unit								
Fire Suppression									
	Sprinkler								
	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.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,800			
Interior Architecture	\$2,200			
Electrical			\$10,500	
<b>Total</b>	<b>\$20,000</b>		<b>\$10,500</b>	
Importance Code A	\$17,800			
Importance Code B	\$2,200		\$10,500	
<b>Total</b>	<b>\$20,000</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**  
**JOHN JAY PARK AND POOL DIVING POOL**  
**Asset # : 2564**

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	100%	Now	\$17,800	LIFE	**	5	\$7,900
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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	\$9,100
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*Paint Peeling, Extent : Moderate, Area Affected : 25%**Location : Throughout*

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

## Lighting

## Exterior Lighting

HID	100%		2021	\$10,500	10
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Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$94,900	
Interior Architecture	\$178,200	
Electrical		\$38,700
<b>Total</b>	<b>\$273,200</b>	<b>\$38,700</b>
Importance Code A	\$94,900	
Importance Code B	\$37,300	\$38,700
Importance Code C	\$141,000	
<b>Total</b>	<b>\$273,200</b>	<b>\$38,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$39,900			
Interior Architecture				
Electrical	\$40,500		\$2,100	
Mechanical	\$5,000			
<b>Total</b>	<b>\$85,400</b>	<b>\$100</b>	<b>\$2,100</b>	
Importance Code A	\$39,900			
Importance Code B	\$45,500		\$2,100	
<b>Total</b>	<b>\$85,400</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**  
**JOHN JAY PARK AND POOL FILTER HOUSE**  
**Asset # : 2565**

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: Granite	97%	Now	\$94,900	LIFE	* *	5	\$6,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : Above Doors							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
	Location : Over Door And Window							
Wood	3%	Now	\$13,000	2046	* *	5	\$600	1
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%							
	Location : Below Roof Line							
Windows								
Steel	100%			2034	* *	5	\$44,400	
Roof								
Cast in Place Concrete	40%	Now	\$4,600	LIFE	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 40%							
	Location : East And West Sides Of Pool							
Slate	10%			LIFE	* *			
No Component	50%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Throughout							
	Explanation : Pool Areas Not Included As Roof Area Of Filter House Below							
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$12,700	
Interior Walls								
Cast in Place Concrete	100%	Now	\$141,000	LIFE	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : Pipe Tunnel/ Corridor Running Full Length Of Intermediate Pool							
	Spalling, Extent : Severe, Area Affected : 20%							
	Location : Pipe Tunnel/ Corridor Running Full Length Of Intermediate Pool							
	Water Penetration, Extent : Severe, Area Affected : 15%							
	Location : Pipe Tunnel/ Corridor Running Full Length Of Intermediate Pool							
Ceilings								
Exposed Concrete	100%	Now	\$37,300	LIFE	* *	5	\$900	
	Spalling, Extent : Severe, Area Affected : 20%							
	Location : Basement, Various Locations							

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

Under 600 Volts

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOHN JAY PARK AND POOL FILTER HOUSE**  
**Asset # : 2565**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$4,800	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : 1st Floor					
				Explanation : Main Service Switch Rated @ 200 Amperes.					
	Raceway								
	Conduit	100%			2026	\$5,400	1		
	Panelboards								
	Molded Case Bkrs	100%			2025	\$7,500	5	\$100	
	Wiring								
	Thermoplastic	100%			2026	\$6,600	1		
	Motor Controllers								
	Locally Mounted	100%	0-2	\$31,000	2046	* *	5		
				On Extended Life, Extent : Moderate, Area Affected : 100%					
				Location : Basement					
Ground									
	Grounding Devices								
	Generic	100%	0-2	\$9,500	LIFE	* *	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Water Main					
				Explanation : Corroded					
Lighting									
	Interior Lighting								
	Fluorescent	97%			2026	\$37,900	10	\$3,400	
				T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
	Fluorescent	2%			2026	\$800	10	\$100	
				Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%					
				Location : Filter Room					
	HID	1%			2026		10		
	Exterior Lighting								
	HID	20%			2021	\$2,100	10		
	No Component	80%							
Alarm									
	Security System								
	No Component	90%							
	Generic	10%			2026	\$800	1	\$100	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Outside					
				Explanation : CCTV Surveillance Cameras					

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

Heating

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2036	**	1		
	Conversion Equipment								
	Radiant Heater	5%			2026	\$3,200	2	\$100	
	No Component	95%							
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2031	**	2	\$100	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%	0-2	\$3,200	2031	**	1		
	Corroded, Extent : Severe, Area Affected : 20%								
	Location : Water Main, Valves And Piping, Basement								
	Leak Evident, Extent : Light, Area Affected : 100%								
	Location : Leaky Water Main Valve - 1st Floor								
	Sanitary Piping								
	Cast Iron	100%	Now	\$1,300	LIFE	**	1		
	Corroded, Extent : Severe, Area Affected : 40%								
	Location : The Covers, Basement								
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Pool Filter/Treatment								
	Sand	100%			2031	**	4	\$1,400	
	Other Observation, Extent : Light, Area Affected : 60%								
	Location : Pump Level								
	Explanation : Plastic Piping								

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$97,800	\$43,400
<b>Total</b>	<b>\$97,800</b>	<b>\$43,400</b>
Importance Code A	\$97,800	\$43,400
<b>Total</b>	<b>\$97,800</b>	<b>\$43,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Interior Architecture	\$11,300			
Electrical			\$27,400	
<b>Total</b>	<b>\$11,300</b>		<b>\$27,400</b>	
Importance Code B	\$11,300		\$27,400	
<b>Total</b>	<b>\$11,300</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**  
**JOHN JAY PARK AND POOL JOHN JAY POOL, INTERMEDIATE**  
**Asset # : 884**

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      100%    0-2      \$97,800    LIFE      \* \*    5      \$43,400

*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      \$11,300    LIFE      \* \*    5      \$23,700

*Paint Peeling, Extent : Light, Area Affected : 20%*

*Location : Throughout*

*Spalling, Extent : Moderate, Area Affected : 5%*

*Location : Throughout*

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

## Lighting

## Exterior Lighting

HID      100%      2021      \$27,300    10

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

## Plumbing

## H/C Water Piping

Galvanized Steel      100%      2031      \* \*    1

*Other Observation, Extent : Light, Area Affected : 80%*

*Location : Pump Room*

*Explanation : Pvc Pipe*

## Storm Drain Piping

Cast Iron      100%      LIFE      \* \*    1

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

*Estimates are rounded to the nearest hundred dollars.*

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

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$61,800
<b>Total</b>		<b>\$61,800</b>
Importance Code A		\$61,800
<b>Total</b>		<b>\$61,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Interior Architecture	\$9,700			
Electrical				\$23,600
<b>Total</b>	<b>\$9,700</b>			<b>\$23,600</b>
Importance Code B	\$9,700			\$23,600
<b>Total</b>	<b>\$9,700</b>			<b>\$23,600</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL DIVING POOL**  
**Asset # : 584**

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	100%			LIFE	* *	5		\$61,800
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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	\$9,700	LIFE	* *	5		\$20,500
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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*

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

## Under 600 Volts

## Raceway

Conduit	100%			2027	\$3,700	1		
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## Wiring

Thermoplastic	100%			2027	\$8,200	1		
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## Lighting

## Exterior Lighting

HID	100%			2022	\$23,600	10		
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Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$45,600
Interior Architecture		\$51,700
Electrical	\$59,600	
<b>Total</b>	<b>\$59,600</b>	<b>\$97,400</b>
Importance Code A		\$45,600
Importance Code B	\$59,600	\$51,700
<b>Total</b>	<b>\$59,600</b>	<b>\$97,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,700			
Interior Architecture	\$4,900			
Electrical				
Mechanical	\$200			
<b>Total</b>	<b>\$30,800</b>			
Importance Code A	\$25,700			
Importance Code B	\$5,100			
<b>Total</b>	<b>\$30,800</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**  
**JOSEPH H LYONS POOL LYONS POOL, OLYMPIC**  
**Asset # : 602**

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	100%	Now	\$25,700	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	\$4,900	LIFE	**	5	\$51,700
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Cracking/Crumbling, Extent : Light, Area Affected : 5%

Location : Flaherty, Christine

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

## Under 600 Volts

## Raceway

Conduit	100%			2027	\$3,700	1	
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## Wiring

Thermoplastic	100%			2027	\$8,200	1	
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## Lighting

## Exterior Lighting

HID	100%			2022	\$59,600	10	
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Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## 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	\$500
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$731,800	\$174,100
Interior Architecture	\$114,100	\$67,500
Electrical		\$262,000
Mechanical	\$37,300	\$336,200
<b>Total</b>	<b>\$883,100</b>	<b>\$839,800</b>
Importance Code A	\$731,800	\$174,100
Importance Code B	\$151,400	\$665,700
<b>Total</b>	<b>\$883,100</b>	<b>\$839,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$96,100			
Interior Architecture	\$80,900			\$1,500
Electrical	\$800	\$900	\$1,300	\$8,700
Mechanical	\$21,200	\$6,300	\$5,000	\$7,000
<b>Total</b>	<b>\$198,900</b>	<b>\$7,200</b>	<b>\$6,300</b>	<b>\$17,300</b>
Importance Code A	\$97,400	\$1,400	\$1,400	\$1,400
Importance Code B	\$62,100	\$5,800	\$4,900	\$15,800
Importance Code C	\$39,400			
<b>Total</b>	<b>\$198,900</b>	<b>\$7,200</b>	<b>\$6,300</b>	<b>\$17,300</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$27,900	LIFE	* *	5	\$22,600	
Recent Repair Evident, Extent : Light, Area Affected : 35%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Window Sills								
Masonry: Brick	95%	Now	\$283,200	LIFE	* *	5	\$86,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Windows								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%								
Location : Opening At Snack Bar								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout Windows								
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Windows								
Aluminum	100%	Now	\$163,400	2043	* *	5	\$4,500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Parapets								
Masonry: Brick	15%	Now	\$31,300	LIFE	* *	5	\$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Coping								
Masonry: Limestone	10%	Now	\$18,900	LIFE	* *	5	\$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Coping								
Metal Rail	75%	Now	\$18,100	2032	* *	5	\$88,100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

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									
	Modified Bitumen	60%	0-2	\$58,800	2032	* *			
		Water Penetration, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Panel/Paver: Cer/Brk	5%	Now	\$47,500	2057	* *			
		Water Penetration, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Traffic Topping	35%	Now	\$178,900	2037	* *			
		Blisters, Extent : Moderate, Area Affected : 35%							
		Location : Over Filter Area							
		Drains Clogged, Extent : Moderate, Area Affected : 25%							
		Location : Over Filter Area							
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%							
		Location : Over Filter Area							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Over Filter Area							
Interior									
Floors									
	Cast in Place Concrete	75%	0-2	\$70,000	LIFE	* *	5	\$67,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Ceramic Tile	15%	0-2	\$13,000	2030	* *	5	\$3,100	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Sheet Vinyl/Rubber	5%			2037	* *	5	\$3,100	
	Terrazzo	5%	0-2	\$10,400	LIFE	* *	5	\$1,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Throughout							
Interior Walls									
	Ceramic Tile	10%	0-2	\$5,100	2030	* *	5	\$1,700	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Gypsum Board	5%			LIFE	* *	5	\$1,000	
	Masonry: Brick	5%			LIFE	* *			
	Plaster	55%	0-2	\$16,400	LIFE	* *	5	\$5,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	SGFT/Glazed Masonry	25%	0-2	\$17,900	LIFE	* *			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**JOSEPH H LYONS POOL BATHHOUSE AKA TOMPKINSVILLE REC CENTER**  
**Asset # : 603**

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

## Interior

## Ceilings

Exposed Concrete      25%    Now      \$18,000    LIFE      \* \*    5      \$1,600

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

*Location : Flaherty, Christine*

Plaster      75%    Now      \$44,100    LIFE      \* \*    5      \$19,300

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

*Location : Flaherty, Christine*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      70%      2027      \$1,100    5      \$100

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

*Location : First Floor*

*Explanation : Two 800 Amperes Main Disconnect Switch*

Fused Disc Sw      30%      2027      \$500    5

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

*Location : Electrical Room*

*Explanation : One 2000 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Fused Disc Sw      100%      2027      \$26,700    5      \$100

## Raceway

Conduit      100%      2027      \$4,100    1

## Panelboards

Fused Disc Sw      15%      2026      \$2,400    5      \$100

Molded Case Bkrs      85%      2026      \$13,900    5      \$600

## Wiring

Thermoplastic      100%      2027      \$8,900    1

## Motor Controllers

Locally Mounted      100%      2025      \$23,500    5      \$200

## Ground

## Grounding Devices

Not Accessible      100%

## Lighting

## Interior Lighting

Fluorescent      85%      2027      \$55,800    10      \$21,400

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

*Location : Throughout*

*Explanation : T-12 Lamps*

HID      10%      2027      \$24,500    10      \$100

Incandescent      5%      2022      \$7,800    2

## Egress Lighting

Emergency, Service      50%      2027      \$7,400    1

Exit, Service      50%      2027      \$4,000    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**  
**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>System Component Type</b>	<b>% of Total</b>	<b>Fail 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>

## Lighting

## Exterior Lighting

HID	100%			2027	\$113,200	10	\$100	
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## Alarm

## Security System

No Component	70%							
Generic	30%			2027	\$27,200	1	\$3,100	

## Fire/Smoke Detection

No Component	70%							
Generic, Analog	30%			2027	\$93,100	1-3	\$5,100	

<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%			2047	* *	1		
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## Conversion Equipment

Hot Water Boiler	100%			2032	* *	1	\$13,600	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Mechanical Room*

*Explanation : 2 Units*

## Distribution

Hot Wtr Piping/Pump	100%	0-2	\$17,500	2043	* *	4	\$1,400	
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*Leak Evident, Extent : Light, Area Affected : 100%*

*Location : Throughout*

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

*Location : Throughout*

## Terminal Devices

Convactor/Radiator	20%			2032	* *	1	\$1,800	
Fan Coil Unit/Heat	80%			2027	\$336,200	1	\$7,100	

## Ventilation

## Distribution

Ductwork/Diffusers	100%			LIFE	* *	2-5	\$15,300	
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## Exhaust Fans

Interior	20%			2027	\$20,000	2	\$200	
Roof	80%			2022	\$37,300	2	\$700	

## Plumbing

## H/C Water Piping

Galvanized Steel	100%			2040	* *	1		
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## Water Heater

Gas Fired	100%			2025	\$17,100	2	\$400	
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## Sanitary Piping

Cast Iron	100%			LIFE	* *	1		
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## 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.*

**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>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>Priority</b>
Plumbing								
	Sump Pump(s)							
	Non-Submersible	100%		2027	\$4,300	4	\$900	
	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%						
Fire Suppression								
	Standpipe							
	Generic	100%		2037	* *	1-5	\$14,400	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 60 **BIN** : 4430341

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$268,600	\$80,700
Interior Architecture	\$40,800	
Mechanical		\$101,700
<b>Total</b>	<b>\$309,400</b>	<b>\$182,300</b>
Importance Code A	\$268,600	\$182,300
Importance Code B	\$40,800	
<b>Total</b>	<b>\$309,400</b>	<b>\$182,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$4,100			
Interior Architecture	\$6,500	\$1,600		\$1,200
Electrical	\$10,400	\$100	\$100	\$16,500
Mechanical	\$600	\$300	\$600	\$100
<b>Total</b>	<b>\$21,600</b>	<b>\$2,000</b>	<b>\$700</b>	<b>\$17,700</b>
Importance Code A	\$4,600		\$500	
Importance Code B	\$17,000	\$2,000	\$200	\$17,700
Importance Code C				
<b>Total</b>	<b>\$21,600</b>	<b>\$2,000</b>	<b>\$700</b>	<b>\$17,700</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**KINGSLAND HOMESTEAD**  
**Asset # : 14552**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%			LIFE	**	5	\$8,800	
	Masonry: Brick	3%			LIFE	**	5	\$1,100	
	Wood	92%	Now	\$184,700	2032	**	5	\$80,700	1
Deteriorated Finish, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Dry Rot/Decay, Extent : Severe, Area Affected : 20%									
Location : Throughout									
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Windows									
	Wood	100%	Now	\$4,100	2035	**	5	\$6,600	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%									
Location : Throughout									
Roof									
	Wood Shingles	100%	Now	\$83,900	2042	**			1
Dry Rot/Decay, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Split/Cracked, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Attic									
Interior									
Floors									
	Carpet	15%	0-2	\$3,500	2026	\$17,600	3	\$1,900	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
	Cast in Place Concrete	15%	0-2	\$700	LIFE	**	5	\$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Mosaic Tile	5%			2032	**	5	\$1,100	
	Wood	45%	Now	\$40,800	2055	**	5	\$3,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Split/Cracked, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
	Wood	20%			2055	**	5	\$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Attic									
Explanation : This Component Is Actually Laminated Flooring									
Interior Walls									
	Plaster	100%			LIFE	**	5	\$2,400	

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

**DEPT. OF PARKS & RECREATION - 846**  
**KINGSLAND HOMESTEAD**  
**Asset # : 14552**

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

## Interior

## Ceilings

AcousTileSusp.Lay-In 20% Now \$300 2032 \* \* 5 \$800

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

Plaster 80% Now \$1,900 LIFE \* \* 5 \$4,200

*Water Penetration, Extent : Light, Area Affected : 5%*  
*Location : Attic*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw 100% 2027 \$1,600 5

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Basement*  
*Explanation : One 400 Amperes Main Disconnect Switch*

## Raceway

Conduit 70% 2027 \$2,900 1

Conduit 30% 2047 \* \* 1

## Panelboards

Molded Case Bkrs 50% 2026 \$4,100 5 \$100

Molded Case Bkrs 50% 2043 \* \* 5 \$100

## Wiring

Thermoplastic 50% 2027 \$4,500 1

Thermoplastic 50% 2047 \* \* 1

## Ground

## Grounding Devices

Generic 100% 2-4 \$10,400 LIFE \* \* 5 \$100

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Water Main*  
*Explanation : Corroded*

## Lighting

## Interior Lighting

Fluorescent 30% 2022 \$4,000 10 \$1,500

*T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%*  
*Location : Basement*

Fluorescent 20% 2032 \* \* 10 \$1,000

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*  
*Location : Kitchen, Office, And Bathroom*

Incandescent 50% 2032 \* \* 2 \$100

## Egress Lighting

Emergency, Battery 50% 2027 \$4,100 10 \$700

Exit, Service 50% 2027 \$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**  
**KINGSLAND HOMESTEAD**  
**Asset # : 14552**

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

## Lighting

## Exterior Lighting

HID	50%		2032		* *	10			
Incandescent	50%		2022	\$9,800		2			

## Alarm

## Fire/Smoke Detection

No Component	80%								
Generic, Digital	20%		2032		* *	1-3		\$700	

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

## Heating

## Energy Source

Electricity	100%		2047		* *	1			
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## Conversion Equipment

Radiant Heater	100%		2027	\$101,700		2		\$2,600	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : Electric Base Board Radiant Heaters*

## Air Conditioning

## Energy Source

Electricity	100%		2043		* *	1			
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## Conversion Equipment

Window/Wall Unit	30%		2025	\$3,600		1			
No Component	70%								

## Plumbing

## H/C Water Piping

Brass/Copper	100%		2037		* *	1			
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## Water Heater

Electric	100%		2026	\$5,100		4			
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## Sanitary Piping

Cast Iron	100%		LIFE		* *	1			
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## Sump Pump(s)

Submersible	100%		2020	\$200		4		\$200	
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## Fixtures

Generic	100%								
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## Fire Suppression

## Sprinkler

No Component	50%								
Generic	50%		2037		* *	1-2		\$800	

*No Backflow Preventer, Extent : Light, Area Affected : 100%*

*Location : Basement*

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$835,700	\$373,600
Interior Architecture	\$238,700	
Electrical		\$8,500
Mechanical		\$214,700
<b>Total</b>	<b>\$1,074,400</b>	<b>\$596,800</b>
Importance Code A	\$835,700	\$541,900
Importance Code B	\$128,900	\$54,800
Importance Code C	\$109,800	
<b>Total</b>	<b>\$1,074,400</b>	<b>\$596,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$32,100			
Interior Architecture	\$86,600			
Electrical	\$1,300	\$1,100	\$1,300	\$1,200
Mechanical	\$3,200	\$1,000	\$6,600	\$1,000
<b>Total</b>	<b>\$123,100</b>	<b>\$2,100</b>	<b>\$7,900</b>	<b>\$2,200</b>
Importance Code A	\$32,100	\$1,000	\$100	\$1,000
Importance Code B	\$44,600	\$1,100	\$7,900	\$1,200
Importance Code C	\$46,400			
<b>Total</b>	<b>\$123,100</b>	<b>\$2,100</b>	<b>\$7,900</b>	<b>\$2,200</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 BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

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	93%	Now	\$680,900	LIFE	* *	5	\$302,300	
Expansion Jnt Failure, Extent : Severe, Area Affected : 5%								
Location : East Facade At Entrance Ramp								
Vegetation Growth, Extent : Severe, Area Affected : 10%								
Location : East Facade At Entrance Ramp								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : East Facade At Entrance Ramp								
Concrete Masonry Unit	2%			LIFE	* *	5	\$1,600	
Metal Coiling Doors	5%	Now	\$18,400	2033	* *	5	\$5,100	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : At Entrance								
Parapets								
Cast in Place Concrete	85%	Now	\$43,800	LIFE	* *	5	\$71,300	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : At Parapet Corners North And East Walls								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout Interior Parapet Wall								
Explanation : Paint Peeling								
Concrete Masonry Unit	2%			LIFE	* *	5-10	\$900	
Metal Security Bars	13%			2043	* *			
Roof								
Cast in Place Concrete	100%	Now	\$111,000	LIFE	* *			1
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : At Stairs And Walking Platforms Throughout								
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
Location : Joint Seams Throughout Roof Deck And At Stairs								
Vegetation Growth, Extent : Severe, Area Affected : 15%								
Location : Joints And Seams Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Above Locker Rooms, Office And Main Corridors								
Soffits								
Cast in Place Concrete	100%	0-2	\$12,100	LIFE	* *	5	\$21,600	
Spalling, Extent : Light, Area Affected : 25%								
Location : North And West Facades								

**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**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Cast in Place Concrete	95%	Now	\$30,200	LIFE	**	5	\$31,800		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Locker Rooms And At All Thresholds								
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Surfaces Throughout								
Terrazzo	5%	Now	\$35,500	LIFE	**	5	\$600		
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Other Observation, Extent : Severe, Area Affected : 15%								
	Location : At Entry Corridor								
	Explanation : Mold								
Interior Walls									
Cast in Place Concrete	20%			LIFE	**	10	\$20,500		
Ceramic Tile	20%	Now	\$45,200	2031	**	5	\$4,100		
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
	Location : Shower Areas								
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Shower / Toilet Areas								
Glazed Ceramic Panel	5%	Now	\$64,600	LIFE	**				
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Main Entry Vestibule								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Entry Corridor								
	Explanation : Material Is Actually Glazed Brick								
Masonry: Brick	10%			LIFE	**	10	\$1,200		
Plaster	5%	Now	\$16,400	LIFE	**	5	\$600		
	Water Penetration, Extent : Severe, Area Affected : 100%								
	Location : Locker Rooms								
SGFT/Glazed Masonry	40%			LIFE	**	10	\$8,200		
Ceilings									
Exposed Concrete	95%	Now	\$93,400	LIFE	**	5	\$2,300		
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
	Location : Men's And Women's Showers, Locker Room								
	Spalling, Extent : Severe, Area Affected : 15%								
	Location : Men's And Women's Locker Rooms								
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : Male Showers, Female Locker Room And Hallway								
Plaster	5%	Now	\$10,000	LIFE	**	5	\$500		
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : Corridor Near Offices								
	Other Observation, Extent : Severe, Area Affected : 20%								
	Location : Main Entry Hallway								
	Explanation : Mold Observed								
Site Enclosure									

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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Site Enclosure

## Fence/Gates

Iron Picket

100%

2048

\* \*

## Retaining Walls

Cast in Place Concrete

100%

2048

\* \*

*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

\* \*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw

100%

2028

\$1,500

5

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 800 And One 400 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Fused Disc Sw

100%

2028

\$24,400

5

## Raceway

Conduit

85%

2028

\$3,200

1

Conduit

10%

2048

\* \*

1

Conduit

5%

2058

\* \*

1

## Panelboards

Fused Disc Sw

5%

2027

\$400

5

Molded Case Bkrs

20%

2044

\* \*

5

\$100

Molded Case Bkrs

75%

2027

\$5,600

5

\$200

## Wiring

Thermoplastic

30%

2048

\* \*

1

Thermoplastic

5%

2058

\* \*

1

Thermoplastic

65%

2028

\$5,300

1

## Motor Controllers

Locally Mounted

100%

2026

\$14,400

5

\$100

## Ground

## Grounding Devices

Generic

100%

LIFE

\* \*

5

\$300

## 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**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	90%			2038	* *	10	\$9,300	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	10%			2028	\$2,500	10	\$1,000	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Mechanical And Electrical Room							
Egress Lighting									
	Emergency, Battery	50%			2028	\$7,600	10	\$1,400	
	Exit, Service	50%			2028	\$1,500	1		
Exterior Lighting									
	HID	80%			2038	* *	10		
	HID	20%			2028	\$8,500	10		
Alarm									
	Security System								
	Generic	100%			2033	* *	1	\$4,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside Only							
		Explanation : Four CCTV Surveillance Camera Is For Outside Only But The Monitor Located At The Supervisor Office							
	Fire/Smoke Detection								
	Generic, Digital	100%			2033	* *	1-3	\$7,000	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	90%			2028		1		
	Natural Gas	10%			2038	* *	1		
	Conversion Equipment								
	Furnace	10%			2028	\$2,500	1	\$600	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Boiler Room							
		Explanation : 1 Unit. There Are 2 Condemn Hot Water Boilers Remain In Boiler Room.							
	Radiant Heater	90%			2028	\$168,300	2	\$4,700	
	Distribution								
	Ductwork/Diffusers	10%			LIFE	* *	2-5	\$1,000	
		Abandoned in Place, Extent : Severe, Area Affected : 100%							
		Location : Hot Water Distribution System.							
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2026	\$46,300	1		
	Water Heater								
	Gas Fired	100%			2021	\$6,400	2	\$200	

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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL BATH HOUSE LOCKER ROOMS**  
**Asset # : 916**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%	Now	\$1,100	LIFE	* *	1		
			Blockage /Clogged, Extent : Severe, Area Affected : 10%						
			Location : Outside Stair Well						
	Sump Pump(s)								
	Non-Submersible	100%	Now	\$1,600	2038	* *	4	\$200	
			Abandoned in Place, Extent : Severe, Area Affected : 100%						
			Location : Boiler Room						
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$258,100	\$72,800
Interior Architecture	\$252,100	
Electrical		\$120,600
Mechanical	\$223,600	
<b>Total</b>	<b>\$733,800</b>	<b>\$193,400</b>
Importance Code A	\$258,100	\$72,800
Importance Code B	\$341,400	\$120,600
Importance Code C	\$134,300	
<b>Total</b>	<b>\$733,800</b>	<b>\$193,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$54,600		\$1,100	
Interior Architecture	\$31,200			
Electrical				\$100
Mechanical	\$5,900			
<b>Total</b>	<b>\$91,700</b>		<b>\$1,200</b>	<b>\$100</b>
Importance Code A	\$54,600		\$1,100	
Importance Code B	\$28,800		\$100	\$100
Importance Code C	\$8,300			
<b>Total</b>	<b>\$91,700</b>		<b>\$1,200</b>	<b>\$100</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**  
**KOSCIUSKO POOL FILTER HOUSE**  
**Asset # : 917**

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	90%	Now	\$164,000	LIFE	* *	5	\$72,800	
Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%									
Location : At Platform For Shade Structure - North Facade									
Vertical Cracks, Extent : Severe, Area Affected : 15%									
Location : North Facade									
	Metal Coiling Doors	10%			2033	* *	5	\$5,100	
Windows									
	Metal Louvers	100%			2031	* *	10	\$1,100	
Parapets									
	Cast in Place Concrete	65%	Now	\$36,500	LIFE	* *	5	\$29,700	
Spalling, Extent : Moderate, Area Affected : 25%									
Location : North Wall Along Bleachers									
	Metal: Cage/Fence	35%	Now	\$30,700	2048	* *	5	\$5,000	1
Corrosion/Rusting, Extent : Severe, Area Affected : 50%									
Location : Anchor Points Of Fence Posts Throughout Bleachers									
Roof									
	Cast in Place Concrete	100%	Now	\$57,600	LIFE	* *			1
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Above Entry Doors At Bleachers And Throughout									
Expansion Jnt Failure, Extent : Severe, Area Affected : 25%									
Location : Throughout Bleacher Platforms									
Vegetation Growth, Extent : Severe, Area Affected : 20%									
Location : At Most Joints Throughout Bleachers									
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : Above Filter Room, Corridors And Storage Rooms									
Soffits									
	Cast in Place Concrete	100%	Now	\$23,900	LIFE	* *	5	\$10,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%									
Location : Deck Supports - North Facade									
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%									
Location : Deck Supports - North Facade									
Spalling, Extent : Moderate, Area Affected : 15%									
Location : Deck Supports - North Facade									
Interior									
Floors									
	Cast in Place Concrete	90%	Now	\$22,800	LIFE	* *	5	\$24,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : Within Storage Space And Corridors Below Bleachers									
	Quarry Tile	10%			2033	* *	5	\$1,800	

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**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL FILTER HOUSE**  
**Asset # : 917**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	85%	Now	\$134,300	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Throughout Filter House								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Corridors And Storage Areas								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Corridors And Storage Areas								
Concrete Masonry Unit	15%	Now	\$8,300	LIFE	* *	5	\$800	
Horizontal Cracks, Extent : Severe, Area Affected : 25%								
Location : Storage Room								
Ceilings								
Exposed Concrete	100%	Now	\$117,800	LIFE	* *	5	\$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Filter Room, Corridors And Storage Areas								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Filter Room, Corridors And Storage Areas								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	70%			2033	* *			
Pavers/Stone	30%			2031	* *			

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2028	\$48,800	5	\$100	
Raceway								
Conduit	95%			2028	\$5,100	1		
Conduit	5%			2048	* *	1		
Panelboards								
Fused Disc Sw	20%			2027	\$1,500	5		
Molded Case Bkrs	80%			2027	\$6,000	5	\$100	
Wiring								
Thermoplastic	95%			2028	\$6,300	1		
Thermoplastic	5%			2048	* *	1		
Motor Controllers								
Locally Mounted	100%			2026	\$71,800	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2033	* *	10	\$4,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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**  
**KOSCIUSKO POOL FILTER HOUSE**  
**Asset # : 917**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Lighting									
	Egress Lighting								
	Emergency, Battery	50%			2028	\$3,000	10	\$500	
	Exit, Service	50%			2028	\$200	1		
	Exterior Lighting								
	HID	20%			2023	\$3,400	10		
	Incandescent	80%			2023	\$11,400	2		
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Heating									
	Energy Source								
	Electricity	10%			2038	* *	1		
	No Component	90%							
	Conversion Equipment								
	Radiant Heater	10%			2028	\$7,400	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	\$400	
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2033	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Pvc Piping, Not Galvanized.								
	Water Heater								
	Electric	100%	0-2	\$3,700	2028	\$3,700	4		
	On Extended Life, Extent : Severe, Area Affected : 100%								
	Location : Women's Locker Room								
	Sanitary Piping								
	Cast Iron	100%	Now	\$1,500	LIFE	* *	1		
	Corroded, Extent : Moderate, Area Affected : 20%								
	Location : Main Floor								
	Pool Filter/Treatment								
	Activated Carbon	100%			2022	\$223,600	4	\$1,700	
Fixtures									
	Generic	100%							

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$62,700	
Electrical		\$86,700
Mechanical		\$1,151,400
Site Pavements	\$123,800	
<b>Total</b>	<b>\$186,500</b>	<b>\$1,238,100</b>
Importance Code B	\$62,700	\$1,238,100
Importance Code C	\$123,800	
<b>Total</b>	<b>\$186,500</b>	<b>\$1,238,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$4,800			
Electrical	\$100		\$900	
Mechanical				\$2,800
Site Enclosure	\$500			
<b>Total</b>	<b>\$5,300</b>		<b>\$900</b>	<b>\$2,800</b>
Importance Code A	\$4,800			
Importance Code B	\$100		\$900	\$2,800
Importance Code C	\$500			
<b>Total</b>	<b>\$5,300</b>		<b>\$900</b>	<b>\$2,800</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**KOSCIUSKO POOL KOSCIUSKO OLYMPIC POOL**  
**Asset # : 915**

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

## Exterior

## Exterior Walls

## Metal Panel

100% 4+ \$4,800 2048 \* \* 5 \$14,800

*Paint Peeling, Extent : Light, Area Affected : 20%*

*Location : Throughout*

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

*Location : Throughout*

*Explanation : This Material Is Actually 1/2 To 1 Inch Thick Sheet Metal*

## Interior

## Floors

## Steel Plate

100% 4+ \$62,700 LIFE \* \* 1

*Corrosion/Rusting, Extent : Light, Area Affected : 10%*

*Location : At Pool Stairs*

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

*Location : Throughout*

*Explanation : This Material Is Actually 1/2 To 1 Inch Thick Sheet Metal*

## Site Enclosure

## Free Standing Walls

## Cast in Place Concrete

100% 4+ \$500 2048 \* \*

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

*Location : Various Locations At Base Of Wall On South And West Perimeter Wall*

## Site Pavements

## On-Site Walkways

## Cast in Place Concrete

100% Now \$123,800 2033 \* \*

*Other Observation, Extent : Moderate, Area Affected : 20%*

*Location : Various Locations Throughout Pool Deck*

*Explanation : Vegetation Growth And Expansion Joint Failure*

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

## Under 600 Volts

## Wiring

## Thermoplastic

100% 2028 \$8,200 1

## Lighting

## Exterior Lighting

## HID

100% 2023 \$86,700 10 \$100

## Lightning Protection

## Arresters/Cabling

## Generic

100% 2031 \* \* 5 \$1,800

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

## Plumbing

*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 KOSCIUSKO OLYMPIC POOL**  
**Asset # : 915**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2033	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Pool							
		Explanation : Repairing In The Pool Is In Progress							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Pool Filter/Treatment								
	Activated Carbon	100%			2026	\$1,151,400	4	\$5,700	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17-Sep-2013 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2359 **Lot** : 1 **BIN** : 5141708

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$218,000	
Mechanical		\$212,900
<b>Total</b>	<b>\$218,000</b>	<b>\$212,900</b>
Importance Code A	\$218,000	
Importance Code B		\$212,900
<b>Total</b>	<b>\$218,000</b>	<b>\$212,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,600			\$16,600
Interior Architecture	\$21,400	\$7,800		
Electrical	\$800	\$13,800	\$1,200	\$800
Mechanical	\$2,100	\$8,800	\$3,200	\$2,700
<b>Total</b>	<b>\$49,900</b>	<b>\$30,500</b>	<b>\$4,400</b>	<b>\$20,100</b>
Importance Code A	\$26,800	\$1,400	\$1,200	\$17,800
Importance Code B	\$23,100	\$29,100	\$3,200	\$2,300
Importance Code C				
<b>Total</b>	<b>\$49,900</b>	<b>\$30,500</b>	<b>\$4,400</b>	<b>\$20,100</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**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	5%	4+	\$13,200	LIFE	**	5	\$5,400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Masonry: Brick	85%	Now	\$120,500	LIFE	**	5	\$18,300	
		Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
		Location : Under Front And Side Porch							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%							
		Location : Basement Level							
		Rusting Masonry Supt, Extent : Severe, Area Affected : 10%							
		Location : Upper Front And Side Porch							
	Wood	10%	0-2	\$12,300	2038	**	5	\$5,400	
		Deteriorated Finish, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Windows									
	Wood	100%			2047	**	5	\$33,100	
Roof									
	Asphalt Shingle	15%			2034	**	10	\$300	
	Slate	85%	Now	\$97,500	LIFE	**			1
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Upper And Lower Roofs							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 50%							
		Location : Upper And Lower Roofs							
		Water Penetration, Extent : Severe, Area Affected : 20%							
		Location : Attic							
Interior									
	Floors								
	Carpet	85%			2026	\$218,100	3	\$23,500	
	Ceramic Tile	5%			2038	**	5	\$900	
	Panel/Paver: Cer/Brk	10%	Now	\$18,900	2033	**	5	\$2,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Porch Floor							
Interior Walls									
	Ceramic Tile	5%			2038	**	5	\$900	
	Gypsum Board	85%			LIFE	**	5	\$9,000	
	Wood	10%			LIFE	**	5	\$7,000	
Ceilings									
	Exposed Struc: Wood	10%	4+	\$2,500	LIFE	**			
		Water Penetration, Extent : Light, Area Affected : 20%							
		Location : Attic							
	Gypsum Board	90%			LIFE	**	5	\$20,700	
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	50%			2045	**	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 200 Amperes Main Disconnect Switch									
	Molded Case Bkrs	50%			2045	**	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 150 Amperes Main Disconnect Switch									
Raceway									
	Conduit	100%			2045	**	1		
Panelboards									
	Fused Disc Sw	5%			2041	**	5		
	Molded Case Bkrs	95%			2041	**	5	\$300	
Wiring									
	Thermoplastic	100%			2045	**	1		
Motor Controllers									
	Locally Mounted	100%			2038	**	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	15%			2030	**	10	\$1,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Golf Shop, Stairway And Lobby 1, 2 Floors									
Explanation : Using Compact Fluorescent Lamps									
	Fluorescent	85%			2030	**	10	\$9,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement, 1st Floor, 2nd Floor									
Explanation : T-8 Lamps									
Egress Lighting									
	Emergency, Battery	50%			2030	**	10	\$1,500	
	Exit, Service	50%			2030	**	1		
Exterior Lighting									
	HID	100%			2030	**	10		
Alarm									
Security System									
	No Component	50%							
	Generic	50%			2033	**	1	\$2,100	
Fire/Smoke Detection									
	Generic, Digital	100%			2030	**	1-3	\$6,900	

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2035	**	5	\$3,800	
	Conversion Equipment								
	Steam Boiler	100%			2030	**	1	\$12,200	
			Boiler Used For Hot Water, Extent : Light, Area Affected : 100%						
			Location : Boiler Room						
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement Boiler Room						
			Explanation : 1 Unit						
	Distribution								
	Central Plant Steam Piping/Pmp	100%			2025	\$212,900	4	\$600	
	Terminal Devices								
	Convactor/Radiator	100%			2042	**	1	\$4,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	25%			2025	\$26,700	1	\$1,400	
			R-22 Refrigerant, Extent : Light, Area Affected : 25%						
			Location : Court Yard						
	Split Unit	10%			2033	**			
	Window/Wall Unit	15%			2020	\$3,900	1		
	No Component	50%							
	Terminal Devices								
	Air Handler/Dir Expansion	25%			2030	**	1		
	Fan Coil - 2 Pipe	10%			2033	**	1	\$400	
	No Component	65%							
	Heat Rejection								
	Dry Cooler	35%			2030	**	2	\$3,000	
	No Component	65%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	25%			LIFE	**	2-5	\$1,700	
	No Component	75%							
	Exhaust Fans								
	Roof	25%			2025	\$5,200	2	\$100	
	No Component	75%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	**	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**  
**LA TOURETTE PARK CLUBHOUSE**  
**Asset # : 13450**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing	HW Heat Exchanger Steam Fired	100%		2025	\$20,000	4	\$1,200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Hot Water Coil In Boiler</i>					
	Sanitary Piping Cast Iron	100%		LIFE	* *	1		
	Fixtures Generic	100%						
Fire Suppression	Chemical System Generic	100%		2023	\$2,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture		\$177,000
Interior Architecture	\$41,900	\$42,100
Electrical	\$633,400	\$217,200
Mechanical	\$105,400	\$690,900
<b>Total</b>	<b>\$780,600</b>	<b>\$1,127,300</b>
Importance Code A		\$177,000
Importance Code B	\$780,600	\$950,300
<b>Total</b>	<b>\$780,600</b>	<b>\$1,127,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$16,100		\$27,000	\$5,500
Interior Architecture	\$77,900		\$4,100	\$36,800
Electrical	\$2,900	\$2,500	\$72,100	\$2,000
Mechanical	\$5,000	\$9,300	\$52,900	\$10,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$105,800</b>	<b>\$15,800</b>	<b>\$160,100</b>	<b>\$58,700</b>
Importance Code A	\$17,900	\$1,800	\$28,900	\$7,300
Importance Code B	\$54,800	\$14,000	\$131,300	\$51,400
Importance Code C	\$33,100			
<b>Total</b>	<b>\$105,800</b>	<b>\$15,800</b>	<b>\$160,100</b>	<b>\$58,700</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**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$18,900	
Masonry: Brick	60%			LIFE	**	5	\$45,300	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	10%			2046	**	5-10	\$51,900	
Metal Panel	5%			2056	**	5-10	\$26,000	
Recent Construction, Extent : Light, Area Affected : 5%								
Location : Wall Facing Roof On North Side								
Pre-Cast Concrete	3%			LIFE	**	5	\$7,400	
Stucco Cement	17%			2039	**	5	\$32,100	
Windows								
Aluminum	95%			2042	**	5	\$11,000	
Glass Block	5%			LIFE	**	5	\$400	
Parapets								
Masonry: Brick	75%			LIFE	**	5	\$11,100	
Metal Panel	20%			2056	**	5	\$11,400	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Interior Face And Coping								
Pre-Cast Concrete	5%			LIFE	**	5	\$4,600	
Roof								
Modified Bitumen	100%			2036	**	10	\$75,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior								
Floors								
Carpet	5%			2022	\$35,100	3	\$5,500	
Cast in Place Concrete	35%			LIFE	**	5	\$42,100	
Quarry Tile	5%			2039	**	5	\$4,100	
Sheet Vinyl/Rubber	10%			2031	**	5	\$8,300	
Terrazzo	5%			LIFE	**	5	\$2,100	
Vinyl Tile	5%	Now	\$23,400	2036	**	3	\$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Wood	35%			2054	**	5	\$36,100	
Interior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$1,500	
Plaster	85%	Now	\$33,100	LIFE	**	5	\$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Rooms								
Wood	5%			LIFE	**	5	\$9,700	

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

Estimates are rounded to the nearest hundred dollars.

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

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**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

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

## Interior

## Ceilings

Exposed Concrete	25%			LIFE	**	5		\$2,100	
Exposed Struc: Steel	5%			LIFE	**				
Exposed Struc: Wood	40%			LIFE	**				
Plaster	30%	Now		\$41,900	LIFE	**	5	\$10,000	

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

Location : Second Floor Rooms

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	70%			2026		\$5,800	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Basement

Explanation : 1- Electrical Service Rated @ 800 Amperes

Fused Disc Sw	30%			2046	**	5			
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 400 Amperes Main Disconnect Switch For Emergency

## Transformers

Dry Type	100%			2024		\$15,800	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Two 300 Kva

## Switchgear / Switchboard

Fused Disc Sw	100%			2026		\$97,600	5	\$200	
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## Raceway

Conduit	100%			2026		\$52,500	1		
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## Panelboards

Fused Disc Sw	10%			2025		\$7,500	5	\$100	
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Molded Case Bkrs	90%			2025		\$67,200	5	\$900	
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## Wiring

Braided Cloth	70%	0-2		\$46,500	2051	**	1		
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Thermoplastic	30%			2026		\$19,900	1		
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## Motor Controllers

Locally Mounted	50%			2024		\$22,600	5	\$100	
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Motor Control Center	50%	2-4		\$700	2046	**	5	\$200	
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On Extended Life, Extent : Moderate, Area Affected : 100%

Location : Electrical Room - Basement

## Ground

## Grounding Devices

Generic	100%			LIFE	**	5		\$500	
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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**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

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

**Lighting**

## Interior Lighting

## Fluorescent

85%

2021

\$68,800

10

\$28,700

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-12 Lamps*

## Fluorescent

10%

2021

\$8,100

10

\$3,400

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

## HID

5%

2021

\$2,900

10

\$100

## Egress Lighting

## Emergency, Battery

50%

2021

\$24,800

10

\$4,400

## Exit, Service

50%

2021

\$5,000

1

## Exterior Lighting

## HID

100%

2021

\$136,300

10

\$100

**Alarm**

## Fire/Smoke Detection

## Generic, Analog

100%

2021

\$373,700

1-3

\$22,300

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

**Heating**

## Energy Source

## Interruptible Gas/Dual

100%

2046

\* \*

1

## Fuel

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : Using Oil #4*

## Conversion Equipment

## Hot Water Boiler

100%

2031

\* \*

1

\$18,200

*Other Observation, Extent : Light, Area Affected : 100%**Location : Boiler Room**Explanation : One Unit*

## Distribution

## Hot Wtr Piping/Pump

100%

2034

\* \*

4

\$1,800

## Terminal Devices

## Air Handler

50%

0-2

\$48,300

2026

\$241,700

1

\$10,200

*Other Observation, Extent : Severe, Area Affected : 20%**Location : 1st Floor**Explanation : 1 Of 2 Not Working*

## Convactor/Radiator

50%

2031

\* \*

1

\$5,900

**Air Conditioning**

## Energy Source

## Electricity

100%

2042

\* \*

1

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

*Estimates are rounded to the nearest hundred dollars.*

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

**DEPT. OF PARKS & RECREATION - 846**  
**LOST BATTALION HALL RECREATION CENTER**  
**Asset # : 897**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Reciprocating Compr/Chiller	60%			2026	\$175,100	1	\$10,200	
	Window/Wall Unit	20%			2021	\$14,300	1		
	No Component	20%							
Terminal Devices									
	Air Handler/Dir Expansion	60%			2026	\$184,500	1		
	No Component	40%							
Heat Rejection									
	Dry Cooler	60%			2026	\$89,700	2	\$15,400	
	No Component	40%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$20,500	
Exhaust Fans									
	Roof	100%			2021	\$57,100	2	\$1,100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
Water Heater									
	Electric	10%			2021	\$3,000	4		
	Gas Fired	90%			2021	\$18,900	2	\$500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Two Units								
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2026	\$5,200	4	\$800	
Sewage Ejector(s)									
	Compressed Air	100%			2036	* *	4	\$500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Adjacent Basement								
	Explanation : Located In Nearby D E P Pumping Station								
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : B-2								
	Explanation : One 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.*

**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>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>Priority</b>
Fire Suppression								
Standpipe								
	Generic	100%		2036	* *	1-5	\$18,500	
Sprinkler								
	No Component	60%						
	Generic	40%		2036	* *	1-2	\$4,100	
Chemical System								
	Generic	100%		2021	\$1,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$44,500	\$44,500
Interior Architecture	\$509,600	\$38,300
<b>Total</b>	<b>\$554,000</b>	<b>\$82,800</b>
Importance Code A	\$44,500	\$44,500
Importance Code B	\$467,800	\$38,300
Importance Code C	\$41,800	
<b>Total</b>	<b>\$554,000</b>	<b>\$82,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture		\$3,300		
Interior Architecture				
Electrical	\$900			\$36,500
Mechanical	\$1,000	\$1,000	\$1,100	\$7,600
<b>Total</b>	<b>\$1,900</b>	<b>\$4,300</b>	<b>\$1,100</b>	<b>\$44,100</b>
Importance Code A	\$700	\$4,000	\$700	\$800
Importance Code B	\$1,100	\$300	\$400	\$43,300
Importance Code C				
<b>Total</b>	<b>\$1,900</b>	<b>\$4,300</b>	<b>\$1,100</b>	<b>\$44,100</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

## LOTT HOUSE

Asset # : 4530

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: Brownstone	5%			LIFE	**	5	\$700		
		Other Observation, Extent : Moderate, Area Affected : 100%								
		Location : Throughout								
		Explanation : Repairs In Progress								
	Masonry: Fieldstone	5%			LIFE	**	5	\$700		
		Other Observation, Extent : Light, Area Affected : 100%								
		Location : Throughout								
		Explanation : Repairs In Progress								
	Wood	90%			2032	**	5	\$88,900		
		Repairs in Progress, Extent : Light, Area Affected : 100%								
		Location : Throughout								
Windows										
Under Construction		100%								
Roof										
Wood Shingles	100%			2030	**	10	\$3,300			
	Other Observation, Extent : Moderate, Area Affected : 100%									
	Location : Throughout									
	Explanation : Replacement In Progress									
Interior										
Floors	Wood	60%	Now	\$295,200	2067	**	5	\$6,200		
		Deteriorated Finish, Extent : Severe, Area Affected : 100%								
		Location : Throughout								
		Worn/Eroded, Extent : Severe, Area Affected : 40%								
	Wood	65%	Now	\$41,800	LIFE	**	5	\$1,400		
		Other Observation, Extent : Severe, Area Affected : 100%								
		Location : Throughout								
		Explanation : All Interior Components Require Complete Restoration								
	No Component Not Accessible	20%								
		20%								
Interior Walls										
Masonry: Fieldstone Plaster	30%			LIFE	**					
	65%	Now	\$41,800	LIFE	**	5	\$1,400			
	Other Observation, Extent : Severe, Area Affected : 100%									
	Location : Throughout									
Wood	Explanation : All Interior Components Require Extensive Restoration									
	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)	

## Interior

## Ceilings

## Plaster

60% Now \$105,300 LIFE \* \* 5 \$4,100

*Other Observation, Extent : Severe, Area Affected : 100%**Location : Throughout**Explanation : All Interior Components Require Extensive Restoration*

## Wood

40% Now \$67,300 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)	

## Under 600 Volts

## Service Equipment

## Molded Case Bkrs

100% 2047 \* \* 5 \$200

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : One 100 Amperes 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 \$5,200 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 The Are All Operational*

## Incandescent

70% 2022 \$29,100 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 &amp; RECREATION - 846

## LOTT HOUSE

Asset # : 4530

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2047	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2032	* *	1	\$7,200	
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Distribution								
	Central Plant Steam	100%			2037	* *	4	\$400	
	Piping/Pmp								
	Terminal Devices								
	Convactor/Radiator	100%			2032	* *	1	\$2,400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Basement								
	Explanation : Lead Pipe Water Service								
	Water Heater								
	Electric	100%			2022	\$6,600	4		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 Unit 50 Gallon Residential Type								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	No Component	98%							
	Generic	2%			2032	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Boiler Only								
	Fixtures								
	Generic	100%							

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,200		\$13,200	
Interior Architecture	\$4,500	\$1,100	\$8,400	\$31,600
Electrical	\$2,800	\$2,300	\$15,700	\$3,000
Mechanical	\$3,600	\$3,700	\$4,300	\$3,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$21,000</b>	<b>\$11,000</b>	<b>\$45,600</b>	<b>\$41,900</b>
Importance Code A	\$7,000	\$800	\$14,000	\$800
Importance Code B	\$14,000	\$9,700	\$31,600	\$41,100
Importance Code C		\$500		
<b>Total</b>	<b>\$21,000</b>	<b>\$11,000</b>	<b>\$45,600</b>	<b>\$41,900</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**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**  
**Asset # : 4354**

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 Cavity	95%			LIFE	**	5	\$22,300	
	Pre-Cast Concrete	5%			LIFE	**	5	\$3,800	
Windows									
	Aluminum	92%			2034	**	5	\$3,900	
	Metal Louvers	8%			2029	**	10	\$2,100	
Parapets									
	Masonry: Brick Cavity	80%			LIFE	**	5	\$3,000	
	Metal: Cage/Fence	13%			2039	**	5-10	\$3,800	
	Pre-Cast Concrete	7%			LIFE	**	5	\$1,700	
Roof									
	IRMA/Protected Membrane	15%			2031	**	10	\$2,300	
	Paver Block Ballast, Extent : Moderate, Area Affected : 100% Location : Section Over First Floor Roof								
	IRMA/Protected Membrane	13%			2034	**	10	\$2,000	
	Recent Replace Evident, Extent : Light, Area Affected : 15% Location : At Newly Installed Mechanical Equipment								
	IRMA/Protected Membrane	70%			2031	**	10	\$10,900	
	Skylight, Plastic	2%			2039	**	1		
Interior									
Floors									
	Carpet	10%			2022	\$29,400	3	\$4,600	
	Cast in Place Concrete	10%			LIFE	**	5	\$5,100	
	Ceramic Tile	5%			2035	**	5	\$1,200	
	Sheet Vinyl/Rubber	5%			2031	**	5	\$1,700	
	Vinyl Tile	35%			2031	**	3	\$4,000	
	Wood	35%			2061	**	5	\$15,100	
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Gymnasium								
Interior Walls									
	Ceramic Tile	5%			2035	**	5	\$1,000	
	Concrete Masonry Unit	25%			LIFE	**	5	\$2,000	
	Glass: Single Pane	5%			LIFE	**	5	\$700	
	Gypsum Board	45%			LIFE	**	5	\$5,400	
	SGFT/Glazed Masonry	20%			LIFE	**			
Ceilings									
	AcousTileSusp.Lay-In	20%			2039	**	5	\$4,600	
	Exposed Struc: Steel	50%			LIFE	**			
	Gypsum Board	30%			LIFE	**	5	\$8,700	

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

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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 ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**

**Asset # : 4354**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2046	**	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 1200 Amperes Main Disconnect Switch							
	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	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$400	
Lighting									
	Interior Lighting								
	Fluorescent	70%			2031	**	10	\$9,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	10%			2031	**	10	\$1,400	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 10%							
		Location : Lobby And Cafeteria							
	HID	20%			2031	**	10	\$100	
	Egress Lighting								
	Emergency, Battery	50%			2031	**	10	\$1,900	
	Exit, Service	50%			2031	**	1		
	Exterior Lighting								
	HID	100%			2031	**	10	\$100	
Alarm									
	Security System								
	Generic	100%			2031	**	1	\$9,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Intrusion Alarm System Tied Into Private Monitoring Company							
	Fire/Smoke Detection								
	Generic, Digital	100%			2031	**	1-3	\$15,500	

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**  
**Asset # : 4354**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2046	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2043	**	1	\$7,600	
			Recent Installation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement Boiler Room						
			Explanation : 2 Units						
	Distribution								
	Hot Wtr Piping/Pump	100%			2048	**	4	\$1,100	
	Terminal Devices								
	Air Handler	90%			2034	**	1	\$8,600	
			Recent Installation, Extent : Light, Area Affected : 100%						
			Location : Basement						
	Fan Coil Unit/Heat	10%			2031	**	1	\$500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	80%			2031	**	2	\$800	
			Recent Installation, Extent : Light, Area Affected : 100%						
			Location : Roof (2 Units)						
	No Component	20%							
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2031	**	1	\$9,500	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,600	
	Exhaust Fans								
	Roof	70%			2026	\$16,800	2	\$300	
	Wall Unit	30%			2026	\$1,500	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$8,800	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sewage Ejector(s)								
	Electric	100%			2031	**	4	\$1,500	
	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**  
**LOUIS ARMSTRONG RECREATION CTR. ELM-COR RECREATION CTR.**

**Asset # : 4354**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : B-3									
Explanation : 1 Unit									
Fire Suppression									
Sprinkler									
	Generic	100%			2046		* *	1-2	\$4,300

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$784,600	\$146,100
Interior Architecture	\$173,600	
Electrical		\$60,300
Mechanical	\$61,800	
Site Pavements	\$71,900	
<b>Total</b>	<b>\$1,092,000</b>	<b>\$206,400</b>
Importance Code A	\$784,600	\$146,100
Importance Code B	\$235,500	\$60,300
Importance Code C	\$71,900	
<b>Total</b>	<b>\$1,092,000</b>	<b>\$206,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$35,100	\$1,600		
Interior Architecture	\$31,800			\$200
Electrical	\$7,200	\$200		\$200
Mechanical	\$1,400	\$300	\$17,800	\$300
<b>Total</b>	<b>\$75,500</b>	<b>\$2,100</b>	<b>\$17,800</b>	<b>\$700</b>
Importance Code A	\$35,400	\$1,900	\$300	\$300
Importance Code B	\$29,200	\$300	\$17,500	\$300
Importance Code C	\$10,900			\$100
<b>Total</b>	<b>\$75,500</b>	<b>\$2,100</b>	<b>\$17,800</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**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	Now	\$4,100	LIFE	* *	5	\$7,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%									
Location : Base Of Building At Perimeter									
Vegetation Growth, Extent : Moderate, Area Affected : 10%									
Location : Base Of Building At Perimeter									
	Concrete Masonry Unit	26%	Now	\$93,700	LIFE	* *	5	\$4,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%									
Location : Restroom Entrances - Courtyard Wall									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Restroom Entrances - Courtyard Wall									
	Masonry: Brick	60%	Now	\$105,600	LIFE	* *	5	\$17,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%									
Location : At Corners									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : North Entrance And Throughout									
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%									
Location : Window And Bath House Openings									
Spalling, Extent : Light, Area Affected : 10%									
Location : North Facade									
	Metal Coiling Doors	3%	Now	\$49,700	2048	* *	5	\$1,400	1
Bent/Warped Elements, Extent : Severe, Area Affected : 75%									
Location : North Entrance									
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : North Entrance									
	Metal Coiling Doors	2%			2045	* *	5	\$1,800	
	Slate Panels	1%	Now	\$15,300	LIFE	* *	5	\$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%									
Location : Window Sills									
Cracking/Crumbling, Extent : Severe, Area Affected : 100%									
Location : Window Sills									
	Window Wall	3%	Now	\$42,100	2058	* *	5	\$1,600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 75%									
Location : North Facade Entrance									
Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%									
Location : North Facade Entrance									
Windows									
	Aluminum	100%			2050	* *	5	\$1,300	
Parapets									
	No Component	40%							
	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.

**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

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									
	Built-Up (BUR)	10%	Now	\$15,700	2038	* *			
		Blisters, Extent : Moderate, Area Affected : 50%							
		Location : Canopy At North Entrance							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Canopy At North Entrance							
	Metal, Corrugated	35%			2033	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Interior Courtyard							
		Explanation : Roof Above Changing Areas And Storage Sheds							
	Not Accessible	55%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Main Building							
		Explanation : Flat Roof Inaccessible - Ladder Not Available. No Reported Issues.							
		Substantial Repairs Made After Sandy							
Soffits									
	Cast in Place Concrete	100%	Now	\$493,600	LIFE	* *	5	\$146,100	
		Exposed Reinforcement, Extent : Severe, Area Affected : 25%							
		Location : Underside Of Canopy At North Entrance							
		Spalling, Extent : Severe, Area Affected : 15%							
		Location : Canopy At North Entrance							

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**  
**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	\$42,600	LIFE	* *	5	\$22,400	
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
	Location : Courtyard								
	Ponding, Extent : Moderate, Area Affected : 25%								
	Location : Courtyard								
	Spalling, Extent : Severe, Area Affected : 20%								
	Location : Courtyard Area								
	Vegetation Growth, Extent : Severe, Area Affected : 20%								
	Location : Courtyard Joints								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Corridors								
	Ceramic Tile	17%	Now	\$13,400	2031	* *	5	\$1,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Toilet And Shower Areas								
	Worn/Eroded, Extent : Moderate, Area Affected : 35%								
	Location : Toilet And Shower Areas								
	Vinyl Tile	5%	Now	\$6,900	2038	* *	3	\$300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Office Area								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Office Area								
	Not Accessible	15%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : East And West Wings								
	Explanation : Offices Areas Leased By Seperate Agency								

Note : 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**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Interior Walls								
	Ceramic Tile	10%	Now	\$4,600	2031	* *	5	\$300	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : Restrooms							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Restrooms							
	Ceramic Tile	5%			2037	* *	5	\$300	
	Concrete Masonry Unit	35%			LIFE	* *	5	\$1,600	
	Plaster	25%	Now	\$1,100	LIFE	* *	5	\$400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Attendants Room							
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Attendants Room							
		Paint Peeling, Extent : Severe, Area Affected : 25%							
		Location : Attendants Room							
	SGFT/Glazed Masonry	10%	Now	\$4,300	LIFE	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Entrance To Toilet / Shower Areas From Courtyard							
		Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
		Location : Entrance To Toilet / Shower Areas From Courtyard							
	Not Accessible	15%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Offices Areas Leased By Seperate Agencies							
Ceilings									
	AcousTileSusp.Lay-In	5%	0-2	\$700	2041	* *	5	\$400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Office							
	Exposed Concrete	40%	Now	\$62,700	LIFE	* *	5	\$1,000	
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Concrete Beams At Outdoor Changing Stations							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Concrete Beams Over Outdoor Changing Stations							
	Exposed Struc: Steel	40%	Now	\$68,400	LIFE	* *			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
		Location : Comfort Area, Office, Corridor, Toilet And Locker Room Areas							
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : Comfort Area, Office, Corridor, Toilet And Locker Room Areas							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Long Span Joists							
	Not Accessible	15%							
Site Enclosure									
	Fence/Gates								
	Aluminum Picket	100%			2048	* *			
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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\*\* 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		
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 100% Now \$71,900 2041 \* \*

*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		
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 \$100

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

*Location : Electrical Room*

*Explanation : No Nameplate Ratings Available.*

## Raceway

Conduit 80% 2028 \$3,000 1

Conduit 20% 2054 \* \* 1

## Panelboards

Fused Disc Sw 10% 2050 \* \* 5 \$100

Molded Case Bkrs 40% 2027 \$6,000 5 \$300

Molded Case Bkrs 50% 2050 \* \* 5 \$400

## Wiring

Braided Cloth 20% 2-4 \$1,600 2053 \* \* 1

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

*Location : Throughout The Building*

Thermoplastic 80% 2054 \* \* 1

## Motor Controllers

Not Accessible 100%

*Other Observation, Extent : Light, Area Affected : 0%*

*Location :*

*Explanation : No Access To The Police Station*

## Ground

## Grounding Devices

Not Accessible 100%

*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.*

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**DEPT. OF PARKS & RECREATION - 846**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	50%			2036	* *	10	\$13,800	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Locker Room, Office							
	Fluorescent	20%			2023	\$13,200	10	\$5,500	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Bathroom							
	Incandescent	30%			2023	\$47,100	2	\$200	
Exterior Lighting									
HID		100%			2036	* *	10	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside							
		Explanation : 6 Hid Light Fixtures Controlled By Timer Switch							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	20%			2038	* *	1		
	No Component	80%							
Conversion Equipment									
	Furnace	5%			2036	* *	1	\$700	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Life Guard Office							
		Explanation : 1 Modine Heater							
	Furnace	15%			2023	\$9,900	1	\$2,200	
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Boiler Room And Main Office							
		Explanation : 2 Modine Heaters							
	No Component	80%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
Conversion Equipment									
	Window/Wall Unit	15%			2023	\$8,800	1		
	No Component	85%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	10%			LIFE	* *	2-5	\$2,700	
	No Component	90%							
Exhaust Fans									
	Roof	10%			2028	\$4,700	2	\$100	
	No Component	90%							

**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**  
**MANHATTAN BEACH PARK BATHHOUSE**  
**Asset # : 608**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2033	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$17,200	2	\$400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Unit							
	Sanitary Piping								
	Cast Iron	100%	Now	\$61,800	LIFE	* *	1		
		Corroded, Extent : Severe, Area Affected : 50%							
		Location : Under Ground Area							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,100			
Interior Architecture	\$2,100			
Electrical	\$600			
Mechanical	\$200		\$100	
<b>Total</b>	<b>\$17,900</b>		<b>\$100</b>	
Importance Code A	\$15,100		\$100	
Importance Code B	\$2,200			
Importance Code C	\$700			
<b>Total</b>	<b>\$17,900</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**  
**MANHATTAN BEACH PARK COMFORT AND STORAGE**  
**Asset # : 913**

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	2%	Now	\$800	LIFE	**	5	\$200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Joint Between Building And Pavement								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Base Of Building - Perimeter								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Base Of Building								
Masonry: Brick	93%	0-2	\$12,700	LIFE	**	5	\$2,100	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : South East Corner								
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : At Wall Vents								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : All Facades								
Explanation : Sealant Wearing Off								
Masonry: Limestone	5%			LIFE	**	5	\$200	
Windows								
Aluminum	95%			2044	**	5	\$100	
Metal Louvers	5%			2031	**	10		
Roof								
Metal Panel	100%	4+	\$1,400	2033	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : At Vent Stacks Above Restrooms								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$1,300	
Quarry Tile	50%			2033	**	5	\$500	
Interior Walls								
Plaster	15%	4+	\$100	LIFE	**	5	\$100	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Storage Room								
SGFT/Glazed Masonry	85%			LIFE	**	10	\$600	
Ceilings								
Plaster	100%	Now	\$800	LIFE	**	5	\$400	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Storage Room								
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	

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

Estimates are rounded to the nearest hundred dollars.

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$1,500	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : No Nameplate Ratings Available.							
	Raceway								
	Conduit	100%			2038	* *	1		
	Panelboards								
	Fused Disc Sw	50%			2036	* *	5		
	Molded Case Bkrs	50%			2036	* *	5		
	Wiring								
	Thermoplastic	100%			2038	* *	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Located In The Pitt.							
Lighting									
	Interior Lighting								
	Fluorescent	50%			2023	\$400	10	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : T-12 Lamps							
	Fluorescent	50%	0-2	\$400	2038	* *			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Men's Room							
		Explanation : Inadequate Lighting Levels; T12 Lamps							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2038	* *	1		
	Conversion Equipment								
	Furnace	100%			2023	\$900	1	\$200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Mechanical Room					
				Explanation : One Unit					
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$400	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2026	\$1,600	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>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>Priority</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Sep-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 8760 **Lot** : 485 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$14,200			\$1,000
Interior Architecture	\$200			\$100
Electrical	\$21,800			
Mechanical	\$2,000		\$200	
<b>Total</b>	<b>\$38,300</b>		<b>\$200</b>	<b>\$1,100</b>
Importance Code A	\$14,200			\$1,000
Importance Code B	\$24,100		\$200	\$100
Importance Code C				
<b>Total</b>	<b>\$38,300</b>		<b>\$200</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**  
**MANHATTAN BEACH PARK CONCESSION BUILDING**  
**Asset # : 609**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$8,100	LIFE	* *	5	\$2,700	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Coiling Doors	15%			2037	* *	5	\$1,500	
Windows								
Aluminum	100%			2032	* *	5	\$500	
Parapets								
Masonry: Brick	100%			LIFE	* *	5	\$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible, But No New Conditions Were Reported.								
Roof								
Modified Bitumen	100%			2029	* *	10	\$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Accessible, But No New Conditions Were Reported.								
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	\$7,700	
Ceramic Tile	5%			2027	\$3,600	5	\$200	
Interior Walls								
Concrete Masonry Unit	15%			LIFE	* *	5	\$100	
Plaster	70%			LIFE	* *	5	\$300	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2029	* *	5	\$400	
Exposed Concrete	90%			LIFE	* *	5	\$500	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2024	\$3,700	1		
Panelboards								
Fused Disc Sw	5%			2023	\$400	5		
Molded Case Bkrs	95%			2023	\$7,100	5	\$100	
Wiring								
Braided Cloth	50%	2-4	\$4,100	2049	* *	1		
	Insulation Aged, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Thermoplastic	50%			2024	\$4,100	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**  
**MANHATTAN BEACH PARK CONCESSION BUILDING**  
**Asset # : 609**

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

## Lighting

Interior Lighting  
Fluorescent

100%

2019

\$5,400

10

\$2,300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-12 Lamps*

Exterior Lighting  
HID

100%

2019

\$10,100

10

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

## Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$1,400

Exhaust Fans

Interior

100%

2024

\$8,200

2

\$100

## Plumbing

H/C Water Piping

Galvanized Steel

100%

2037

\* \*

1

Water Heater

Electric

100%

2019

\$2,000

4

Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

Storm Drain Piping

Cast Iron

100%

LIFE

\* \*

1

Fixtures

Generic

100%

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				\$4,100
Interior Architecture	\$6,300		\$7,900	
Electrical			\$400	
<b>Total</b>	<b>\$6,300</b>		<b>\$8,200</b>	<b>\$4,100</b>
Importance Code A			\$100	\$4,100
Importance Code B	\$6,300		\$8,100	
Importance Code C				
<b>Total</b>	<b>\$6,300</b>		<b>\$8,200</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**  
**MARCUS GARVEY MEMORIAL PARK AMPHITHEATER**  
**Asset # : 907**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Exterior									
	Exterior Walls								
	Masonry: Brick Cavity	85%			LIFE	* *	5	\$5,400	
		Recent Construction, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Stucco Cement	8%			2043	* *	5	\$1,300	
	Window Wall	7%			2052	* *	5	\$1,700	
	Windows								
	Aluminum	100%			2048	* *	5	\$2,700	
	Parapets								
	Concrete Masonry Unit	90%			LIFE	* *	5	\$7,700	
	Metal Panel	10%			2052	* *	5	\$2,900	
	Roof								
	Metal Panel	85%			2043	* *	10	\$22,300	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Roll Roofing	15%			2027	\$8,800	5	\$3,600	
Interior									
	Floors								
	Sheet Vinyl/Rubber	50%			2034	* *	5	\$12,600	
	Wood	50%			2061	* *	5	\$15,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Stage							
		Explanation : Plywood							
	Interior Walls								
	Concrete Masonry Unit	70%			LIFE	* *	5	\$2,300	
	Concrete Masonry Unit	30%			LIFE	* *	5	\$1,000	
	Ceilings								
	AcousTileSusp.Lay-In	40%			2043	* *	5	\$5,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Above Stage							
		Explanation : Acoustic Clouds							
	Exposed Struc: Steel	10%			LIFE	* *			
	Metal Panel	50%			LIFE	* *	5	\$8,700	
Electrical									
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2056	* *	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Two 225 Amperes Main Disconnect Switch							

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



**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK AMPHITHEATER**  
**Asset # : 907**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Transformers									
	Dry Type	100%			2046	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 30kva 480hv - 208/120lv									
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	
Lighting									
Interior Lighting									
	Fluorescent	70%			2036	* *	10	\$7,200	
	Fluorescent	10%			2036	* *	10	\$1,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 10%									
Location : Throughout The Building									
	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.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,242,600	\$214,600
Interior Architecture	\$262,800	
Mechanical	\$39,100	\$410,400
<b>Total</b>	<b>\$1,544,500</b>	<b>\$624,900</b>
Importance Code A	\$1,281,700	\$274,500
Importance Code B	\$156,200	\$350,400
Importance Code C	\$106,600	
<b>Total</b>	<b>\$1,544,500</b>	<b>\$624,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$16,000		\$10,900	
Interior Architecture	\$69,100			
Electrical	\$29,300	\$300	\$38,300	\$200
Mechanical	\$27,300	\$1,700	\$8,500	\$600
<b>Total</b>	<b>\$141,600</b>	<b>\$2,000</b>	<b>\$57,800</b>	<b>\$800</b>
Importance Code A	\$16,000	\$600	\$11,300	\$600
Importance Code B	\$86,200	\$1,400	\$46,500	\$200
Importance Code C	\$39,500			
<b>Total</b>	<b>\$141,600</b>	<b>\$2,000</b>	<b>\$57,800</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**  
**MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

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	30%	Now	\$120,900	LIFE	* *	5	\$35,800	
	Cracking/Crumbling, Extent : Light, Area Affected : 35%								
	Location : Underside Of Overhang								
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%								
	Location : North And West Facades								
	Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : At Expansion Joints								
	Masonry: Brick	65%	Now	\$140,100	LIFE	* *	5	\$15,500	
	Diagonal Cracks, Extent : Moderate, Area Affected : 25%								
	Location : Throughout Perimeter Walls And Bulkheads On Pool / Roof Deck								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : Throughout Perimeter Walls And Bulkeheads On Roof Deck								
	Metal Panel	5%			2036	* *	5-10	\$8,200	
Windows									
	Aluminum	85%	Now	\$605,300	2051	* *	5	\$7,200	
	Air Infiltration, Extent : Moderate, Area Affected : 60%								
	Location : Throughout								
	Unit Inoperable, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Weather Strip Missing, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Metal Louvers	15%			2029	* *	10	\$16,000	
	Deformed/Dented, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
Parapets									
	Cast in Place Concrete	90%	Now	\$219,800	LIFE	* *	5	\$178,800	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Perimeter Walls At Pool Deck								
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 50%								
	Location : Perimeter Walls At Pool Deck								
	Metal: Cage/Fence	10%			2031	* *	5-10	\$14,900	
Roof									
	Cast in Place Concrete	100%	Now	\$156,500	LIFE	* *			1
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Above Second Floor And Lockers								
	Spalling, Extent : Severe, Area Affected : 30%								
	Location : Above Locker Rooms								
	Vegetation Growth, Extent : Moderate, Area Affected : 20%								
	Location : Above Locker Rooms								
	Water Penetration, Extent : Severe, Area Affected : 50%								
	Location : Second Floor And Above Locker Rooms								

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**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	80%	Now	\$20,200	LIFE	* *	5	\$21,300	
		Horizontal Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Ceramic Tile	20%	Now	\$9,400	2029	* *	5	\$1,200	
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Interior Walls									
	Cast in Place Concrete	55%	Now	\$106,600	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Locker Rooms And Toilets Throughout							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Locker Rooms							
		Water Penetration, Extent : Severe, Area Affected : 35%							
		Location : Locker Rooms							
	Ceramic Tile	10%	Now	\$16,900	2029	* *	5	\$1,500	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Female Showers							
	Concrete Masonry Unit	20%	Now	\$13,600	LIFE	* *	5	\$2,500	
		Diagonal Cracks, Extent : Severe, Area Affected : 20%							
		Location : Female Showers							
	Masonry: Brick	15%	Now	\$9,000	LIFE	* *			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Ceilings									
	Exposed Concrete	100%	Now	\$156,200	LIFE	* *	5	\$1,900	
		Cracking/Crumbling, Extent : Severe, Area Affected : 30%							
		Location : Throughout Stairwells, Locker Rooms And Second Floor Offices							
		Water Penetration, Extent : Severe, Area Affected : 30%							
		Location : Throughout Stairwells, Locker Rooms And Second Floor Offices							

<b>Electrical</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>Under 600 Volts</b>									
	Service Equipment								
	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 Amperes Main Disconnect Switch</i>							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$24,400	5	\$200	
	Raceway								
	Conduit	100%			2026	\$3,700	1		

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**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>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail 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		
	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	\$6,700	5	\$200	
Wiring									
	Braided Cloth	50%	2-4	\$4,100	2051	* *	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout The Building</i>									
	Thermoplastic	50%			2026	\$4,100	1		
Motor Controllers									
	Locally Mounted	90%	2-4	\$6,500	2046	* *	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : 1st Floor</i>									
	Locally Mounted	10%			2024	\$700	5		
Ground									
Grounding Devices									
	Generic	100%	2-4	\$9,500	LIFE	* *	5	\$100	
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Service Entrance</i>									
Lighting									
Interior Lighting									
	Fluorescent	50%			2021	\$9,900	10	\$4,100	
<i>Other Observation, Extent : Moderate, 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 : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Using T-8 Lamps</i>									
	Fluorescent	30%			2026	\$5,900	10	\$2,500	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Locker Room</i>									
Egress Lighting									
	Exit, Service	100%			2026	\$2,400	1		
Exterior Lighting									
	HID	70%			2021	\$23,900	10		
	Incandescent	30%	Now	\$8,700	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.*

*Estimates are rounded to the nearest hundred dollars.*

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

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

**Alarm**

Security System

No Component

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*

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

**Heating**

Energy Source

Natural Gas

100%

2036

\*\*

1

Conversion Equipment

Hot Water Boiler

60%

Now

\$39,100

2046

\*\*

1

\$2,400

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

*Location : Boiler Room*

Radiant Heater

40%

2026

\$60,000

2

\$1,700

Distribution

Hot Wtr Piping/Pump

100%

Now

\$13,200

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

\$14,000

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

\$63,100

1

Water Heater

Electric

100%

2021

\$7,500

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

Pool Filter/Treatment

Diatomaceous Earth

100%

2024

\$287,400

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.*

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK BATHHOUSE BLDG.**

**Asset # : 908**

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : MARCUS GARVEY MEMORIAL PARK OLYMPIC POOL  
**Address** : E 120-E 124 MADISON AVENUE  
**Borough** : MANHATTAN **Agency's Number** : M058-04  
**Program / Asset #** : PAR0047.004 / 906 **Yr Built/Renovated** : 1971 /  
**Area Sq Ft** : 12,150 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 04-Sep-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 1719 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Electrical	\$45,800	
Mechanical		\$49,900
<b>Total</b>	<b>\$45,800</b>	<b>\$49,900</b>
Importance Code B	\$45,800	\$49,900
<b>Total</b>	<b>\$45,800</b>	<b>\$49,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</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**

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

## Interior

## Floors

## 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*

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

## Under 600 Volts

## Raceway

## Not Accessible

100%

## Wiring

## Thermoplastic

100%

2026

\$8,200

1

## Lighting

## Exterior Lighting

## HID

100%

2021

\$45,800

10

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

## Plumbing

## H/C Water Piping

## Galvanized Steel

100%

2024

\$49,900

1

## Storm Drain Piping

## Cast Iron

100%

LIFE

\* \*

1

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

Estimates are rounded to the nearest hundred dollars.

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

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



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$266,400	
Electrical	\$152,500	\$181,800
Mechanical		\$199,800
<b>Total</b>	<b>\$418,900</b>	<b>\$381,700</b>
Importance Code A	\$266,400	
Importance Code B	\$152,500	\$381,700
<b>Total</b>	<b>\$418,900</b>	<b>\$381,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$14,300	
Interior Architecture	\$45,100	\$1,100	\$1,700	
Electrical	\$22,300	\$1,000	\$23,100	\$1,100
Mechanical	\$1,600	\$1,700	\$3,700	\$2,000
<b>Total</b>	<b>\$69,000</b>	<b>\$3,700</b>	<b>\$42,800</b>	<b>\$3,100</b>
Importance Code A	\$700	\$800	\$15,100	\$800
Importance Code B	\$65,100	\$3,000	\$27,700	\$2,300
Importance Code C	\$3,200			
<b>Total</b>	<b>\$69,000</b>	<b>\$3,700</b>	<b>\$42,800</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**  
**MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER**  
**Asset # : 886**

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 Cavity	75%			LIFE	**	5	\$17,300	
	Metal Panel	20%			2036	**	5-10	\$31,800	
	Window Wall	5%			2036	**	5	\$4,300	
Windows									
	Steel	100%	Now	\$184,200	2051	**	5	\$22,100	
	Air Infiltration, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Glazing Clouded, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Unit Inoperable, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Parapets									
	Concrete Masonry Unit	80%			LIFE	**	5	\$8,200	
	Metal Panel	20%			2046	**	5	\$7,000	
Roof									
	Metal Panel	50%			2039	**	10	\$42,100	
	Modified Bitumen	50%	Now	\$40,000	2031	**			
	Blisters, Extent : Moderate, Area Affected : 60%								
	Location : Throughout								
	Drains Clogged, Extent : Moderate, Area Affected : 10%								
	Location : Roof Drains Adjacent To Ampitheater								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : At Roof Penetration Near Access Hatch								
Interior									
Floors									
	Cast in Place Concrete	10%			LIFE	**	5	\$4,900	
	Ceramic Tile	10%			2035	**	5	\$2,200	
	Quarry Tile	65%			2039	**	5	\$21,900	
	Sheet Vinyl/Rubber	10%			2031	**	5	\$3,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : At Gymnasium								
	Explanation : Built Up Rubber Flooring								
	Wood	5%	Now	\$1,800	2054	**	5	\$1,100	
	Broken/Missing Elements, Extent : Light, Area Affected : 20%								
	Location : Throughout								
Interior Walls									
	Concrete Masonry Unit	5%			LIFE	**	5	\$400	
	Gypsum Board	30%			LIFE	**	5	\$3,600	
	Masonry: Brick	45%			LIFE	**			
	Plaster	20%	Now	\$3,200	LIFE	**	5	\$1,200	
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Both Ends Of Beams Supporting Skylights - Typical 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.

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY MEMORIAL PARK PELHAM FRITZ REC. CENTER**  
**Asset # : 886**

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

## Interior

## Ceilings

Exposed Concrete      10%    Now      \$3,500    LIFE      \* \*    5      \$300

*Water Penetration, Extent : Light, Area Affected : 10%*

*Location : Storage Room Behind Reception*

Plaster      90%    Now      \$25,600    LIFE      \* \*    5      \$12,200

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

*Location : Throughout*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      100%      2026      \$4,800    5      \$100

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

*Location : Electrical Room*

*Explanation : One 800 Amperes And 400 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Fused Disc Sw      100%      2026      \$81,000    5      \$100

## Raceway

Conduit      95%      2026      \$21,000    1

Conduit      5%      2036      \* \*    1

## Panelboards

Fused Disc Sw      5%      2025      \$1,500    5

Fused Toggle Switch      2%    2-4      \$600    2051      \* \*    5

*On Extended Life, Extent : Moderate, Area Affected : 5%*

*Location : Electrical Room*

Molded Case Bkrs      63%      2025      \$18,800    5      \$200

Molded Case Bkrs      10%      2034      \* \*    5

Molded Case Bkrs      20%      2034      \* \*    5      \$100

## Wiring

Braided Cloth      50%    2-4      \$12,100    2051      \* \*    1

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

*Location : Throughout The Building*

Thermoplastic      30%      2026      \$7,300    1

Thermoplastic      20%      2036      \* \*    1

## Motor Controllers

Locally Mounted      100%      2024      \$45,200    5      \$100

## Ground

## Grounding Devices

Generic      100%    2-4      \$9,500    LIFE      \* \*    5      \$200

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

*Location : Water Main*

*Explanation : Corroded*

## 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**  
**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>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2021	\$6,600	10	\$2,800	
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	50%			2031	**	10	\$6,900	
<i>Other Observation, Extent : Moderate, 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	\$55,600	10		
<b>Alarm</b>								
Fire/Smoke Detection								
Generic, Analog	100%	Now	\$152,500	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>System Component Type</b>	<b>% of Total</b>	<b>Fail 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	20%			2046	**	1		
Fuel Oil	40%			2046	**	5	\$1,900	
<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	\$7,100	
Radiant Heater	5%			2026	\$12,400	2	\$400	
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2034	**	4	\$700	
<b>Terminal Devices</b>								
Air Handler	80%			2026	\$157,800	1	\$7,400	
Fan Coil Unit/Heat	20%			2026	\$42,000	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.  
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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**  
**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>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>Priority</b>
Air Conditioning								
Conversion Equipment								
	Exterior Pkg Unit - Cooling	20%		2031	* *	2	\$200	
	Window/Wall Unit	20%		2024	\$5,800	1		
	No Component	60%						
Ventilation								
Distribution								
	Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,400	
Exhaust Fans								
	Not Accessible	100%						
Plumbing								
H/C Water Piping								
	Galvanized Steel	100%		2039	* *	1		
Water Heater								
	Electric	90%		2024	\$11,100	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.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$24,200	\$1,400		\$1,700
Interior Architecture	\$11,300	\$1,300		
Electrical	\$200	\$200	\$200	\$9,700
Mechanical	\$1,200	\$1,000	\$800	\$6,200
<b>Total</b>	<b>\$36,800</b>	<b>\$3,900</b>	<b>\$900</b>	<b>\$17,700</b>
Importance Code A	\$24,600	\$1,800	\$500	\$2,200
Importance Code B	\$10,500	\$2,100	\$500	\$15,500
Importance Code C	\$1,700			
<b>Total</b>	<b>\$36,800</b>	<b>\$3,900</b>	<b>\$900</b>	<b>\$17,700</b>



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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK SALT MARSH NATURE CENTER**  
**Asset # : 13401**

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	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		
Windows									
Aluminum	100%			2043	* *	5	\$4,500		
Roof									
Metal Panel	90%	Now	\$24,200	2040	* *				
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
	Location : Over Literacy Room, Rotunda, Rangers Office								
Not Accessible	10%								
Interior									
Floors									
Cast in Place Concrete	10%			LIFE	* *	5	\$3,000		
Ceramic Tile	5%	0-2	\$700	2036	* *	5	\$300		
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Throughout								
Quarry Tile	65%			2044	* *	5	\$13,500		
Terrazzo	10%			LIFE	* *	5	\$1,100		
Wood	10%			2055	* *	5	\$2,600		
	Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Interior Walls									
Ceramic Tile	5%	Now	\$500	2040	* *	5	\$100		
	Vertical Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Mens Room								
Concrete Masonry Unit	15%			LIFE	* *	5	\$200		
Plaster	80%	0-2	\$1,200	LIFE	* *	5	\$900		
	Vertical Cracks, Extent : Moderate, Area Affected : 5%								
	Location : Reception Area								
Ceilings									
AcousTileSusp.Lay-In	10%	Now	\$2,200	2040	* *	5	\$700		
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
Exposed Struc: Steel	10%			LIFE	* *				
Exposed Struc: Wood	70%			LIFE	* *				
Gypsum Board	10%			LIFE	* *	5	\$1,700		
Electrical									
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**  
**MARINE PARK SALT MARSH NATURE CENTER**  
**Asset # : 13401**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2047	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 400 Amperes Main Disconnect Switch							
	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	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	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	\$1,100	

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2032	**	1	\$4,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Unit							
	Distribution								
	Hot Wtr Piping/Pump	100%			2035	**	4	\$700	
	Terminal Devices								
	Unit Heater - Steam	100%			2027	\$30,800	4	\$1,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	**	1		
	Conversion Equipment								
	Split Unit	30%			2032	**			
	No Component	70%							
	Terminal Devices								
	Fan Coil - 2 Pipe	30%			2032	**	1	\$900	
	No Component	70%							
	Heat Rejection								
	Air Cooled Condenser Unit	30%			2032	**	2	\$1,900	
	No Component	70%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	30%			LIFE	**	2-5	\$1,500	
	No Component	70%							
	Exhaust Fans								
	Interior	30%			2032	**	2	\$100	
	No Component	70%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2047	**	1		
	Water Heater								
	Gas Fired	100%			2022	\$5,300	2	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$51,400	
Electrical	\$79,900	\$43,000
Mechanical		\$106,900
<b>Total</b>	<b>\$131,200</b>	<b>\$149,900</b>
Importance Code A	\$51,400	
Importance Code B	\$79,900	\$149,900
<b>Total</b>	<b>\$131,200</b>	<b>\$149,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$23,700	\$500		\$5,600
Interior Architecture	\$4,400	\$2,900	\$2,600	\$3,500
Electrical	\$200	\$300	\$300	\$5,600
Mechanical	\$1,400	\$1,300	\$1,900	\$10,100
<b>Total</b>	<b>\$29,700</b>	<b>\$5,000</b>	<b>\$4,900</b>	<b>\$24,800</b>
Importance Code A	\$24,200	\$1,000	\$600	\$6,200
Importance Code B	\$5,500	\$4,000	\$4,000	\$18,600
Importance Code C			\$300	
<b>Total</b>	<b>\$29,700</b>	<b>\$5,000</b>	<b>\$4,900</b>	<b>\$24,800</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	85%	Now	\$51,400	LIFE	**	5	\$17,100	
		Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : West Facade							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%							
		Location : East Facade							
	Masonry: Granite	10%	Now	\$23,700	LIFE	**	5	\$1,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : West Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : West Facade							
	Window Wall	5%			2047	**	5	\$3,800	
Windows									
	Aluminum	65%			2052	**	5	\$1,700	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Aluminum	35%			2035	**	5	\$900	
Roof									
	Modified Bitumen	15%			2032	**	10	\$2,900	
	Slate	85%			LIFE	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 1%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 1%							
		Location : Locker Rooms							
Interior									
	Floors								
	Carpet	45%	0-2	\$4,400	2026	\$88,800	3	\$10,500	
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Cast in Place Concrete	10%			LIFE	**	5	\$3,400	
	Ceramic Tile	30%			2036	**	5	\$4,600	
	Quarry Tile	15%			2040	**	5	\$3,500	
Interior Walls									
	Ceramic Tile	5%			2036	**	5	\$600	
	Glass: Single Pane	10%			LIFE	**	5	\$900	
	Gypsum Board	35%			LIFE	**	5	\$2,600	
	Plaster	50%			LIFE	**	5	\$1,900	
Ceilings									
	AcousTileSusp.Lay-In	15%			2040	**	5	\$2,300	
	Gypsum Board	45%			LIFE	**	5	\$8,700	
	Plaster	40%			LIFE	**	5	\$3,900	

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

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Estimates are rounded to the nearest hundred dollars.  
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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts									
	Transformers								
	Dry Type	100%			2032	**	3	\$100	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Outside						
			Explanation : One 4160 Hv, 208/108 Lv Rated At 225 Kva						
	Feeders								
	Cable	100%			2035	**	1		
	Raceway								
	Conduit	100%			2037	**	1		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	50%			2037	**	5		
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Outside						
			Explanation : One 600 Amperes Main Disconnect Switch For Irrigation System						
	Fused Disc Sw	50%			2037	**	5		
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Outside						
			Explanation : One 400 Amperes Main Disconnect Switch For Club House						
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$32,300	5	\$300	
	Raceway								
	Conduit	85%			2027	\$26,600	1		
	Conduit	15%			2047	**	1		
	Panelboards								
	Fused Disc Sw	10%			2026	\$1,500	5		
	Molded Case Bkrs	65%			2026	\$9,700	5	\$200	
	Molded Case Bkrs	25%			2043	**	5	\$100	
	Wiring								
	Thermoplastic	15%			2047	**	1		
	Thermoplastic	85%			2027	\$23,500	1		
	Motor Controllers								
	Locally Mounted	5%			2040	**	5		
	Locally Mounted	95%			2025	\$28,700	5	\$100	
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									

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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	15%			2032	* *	10	\$1,600	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : T-8 Lamps							
	Fluorescent	35%			2022	\$39,900	10	\$3,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : T-12 Lamps							
	Incandescent	15%			2032	* *	2		
	Incandescent	35%			2022	\$39,900	2	\$100	
Egress Lighting									
	Emergency, Battery	50%			2027	\$7,700	10	\$1,400	
	Exit, Service	50%			2027	\$800	1		
Exterior Lighting									
	HID	100%			2027	\$43,000	10		
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2032	* *	1	\$900	
Fire/Smoke Detection									
	No Component	80%							
	Generic, Analog	20%			2032	* *	1-3	\$1,400	
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2037	* *	1		
	Conversion Equipment								
	Furnace	100%			2027	\$25,100	1	\$5,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Side Yard							
		Explanation : 2 Units.							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,400	
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**MARINE PARK GOLF COURSE CLUBHOUSE**  
**Asset # : 14100**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	80%			2027	\$106,900	2	\$600	
				R-22 Refrigerant, Extent : Moderate, Area Affected : 100%					
				Location : Side Yard					
				Other Observation, Extent : Light, Area Affected : 80%					
				Location : Side Yard					
				Explanation : 2 Units Providing Heating And Cooling					
	Split Unit	20%			2032	**			
				Other Observation, Extent : Light, Area Affected : 20%					
				Location : Side Yard					
				Explanation : 1 Unit. R-410a Refrigerant					
Terminal Devices									
	Fan Coil - 2 Pipe	20%			2032	**	1	\$700	
	No Component	80%							
Heat Rejection									
	Air Cooled Condenser Unit	20%			2032	**	2	\$1,600	
	No Component	80%							
Ventilation									
	Exhaust Fans								
	Roof	60%			2032	**	2	\$200	
	Wall Unit	40%			2027	\$1,500	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	**	1		
	Water Heater								
	Gas Fired	100%			2022	\$6,500	2	\$200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : First Floor, At Kitchen					
				Explanation : One 80 Gallon Unit					
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2022	\$1,900	1-3	\$4,000	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Kitchen					
				Explanation : 1 Set					

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$103,400	
Mechanical		\$156,700
<b>Total</b>	<b>\$103,400</b>	<b>\$156,700</b>
Importance Code A	\$103,400	
Importance Code B		\$156,700
<b>Total</b>	<b>\$103,400</b>	<b>\$156,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$50,500		\$4,100	
Interior Architecture	\$50,600			\$1,500
Electrical	\$34,000	\$100	\$12,600	\$100
Mechanical	\$900	\$900	\$6,700	\$1,100
<b>Total</b>	<b>\$136,100</b>	<b>\$1,000</b>	<b>\$23,400</b>	<b>\$2,700</b>
Importance Code A	\$51,200	\$700	\$4,900	\$700
Importance Code B	\$67,800	\$300	\$18,500	\$2,000
Importance Code C	\$17,100			
<b>Total</b>	<b>\$136,100</b>	<b>\$1,000</b>	<b>\$23,400</b>	<b>\$2,700</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**MERCHANT'S HOUSE MUSEUM**  
**Asset # : 4528**

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 Iron	2%	Now	\$5,700	LIFE		* *			
		Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
		Location : Stair Treads - Emergency Egress								
	Masonry: Brick	80%	Now	\$103,400	LIFE		* *	5	\$15,700	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
		Location : South Facade Near Front Door								
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
	Location : South Facade									
	Water Penetration, Extent : Moderate, Area Affected : 15%									
	Location : West Facade At Roof									
	Masonry: Limestone	7%	Now	\$18,200	LIFE		* *	5	\$1,000	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
		Location : Entrance Facade								
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
	Location : Throughout									
Stucco Cement	5%	Now	\$3,100	2031		* *	5	\$1,200		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
	Location : Throughout									
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%									
	Location : Rear Facade									
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%									
	Location : North And East Facades									
	Wood	6%			2031		* *	5	\$5,900	
		Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard										
Explanation : 2 Story Extension, Dormers										
Windows										
Wood	100%	4+	\$12,500	2034		* *	5	\$15,200		
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%									
	Location : Throughout									
Parapets										
Masonry: Brick	45%	2-4	\$1,100	LIFE		* *	5	\$200		
	Water Penetration, Extent : Moderate, Area Affected : 15%									
	Location : West Facade Towards Street									
	Other Observation, Extent : Light, Area Affected : 100%									
	Location : West Facade									
Explanation : Short Wall										
Slate	5%			LIFE		* *	5			
	Wood Cornice	50%			2036		* *	5-10	\$2,600	
		Other Observation, Extent : Light, Area Affected : 100%								
		Location : Street Facade								
Explanation : Cornice										

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**DEPT. OF PARKS & 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)	
Exterior	Roof							
	Slate	100%	Now	\$9,900	LIFE	**		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%						
		Location : Throughout						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Roof						
		Explanation : No Access This Visit - Prior Observation Above						
Interior	Floors							
	Carpet	30%			2025	\$51,700	3	\$6,200
	Slate	5%			LIFE	**	5	\$500
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : Old Kitchen, Various						
		Explanation : Stone Slabs In Various Locations						
	Wood	65%	0-2	\$15,100	2041	**	5	\$6,300
		Deflection Evident, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						
		Dry Rot/Decay, Extent : Moderate, Area Affected : 15%						
		Location : Ground Floor - Termite Damage						
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15%						
		Location : 3rd Floor Offices						
Interior Walls	Gypsum Board	3%			LIFE	**	5	\$200
	Masonry: Brick	5%	Now	\$7,600	LIFE	**		
		Cracking/Crumbling, Extent : Light, Area Affected : 10%						
		Location : At Chimney						
		Spalling, Extent : Moderate, Area Affected : 100%						
		Location : Basement At Stair						
	Masonry: Fieldstone	10%			LIFE	**		
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Throughout						
		Explanation : Basement						
	Plaster	72%	Now	\$9,500	LIFE	**	5	\$1,900
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%						
		Location : Throughout						
		Paint Peeling, Extent : Moderate, Area Affected : 30%						
		Location : First Floor, 2nd Floor						
		Water Penetration, Extent : Moderate, Area Affected : 5%						
		Location : Ground Floor Corridor, 3rd And 4th Floor West Walls						
	Wood	10%			LIFE	**	5	\$3,600
Ceilings	Plaster	100%	Now	\$16,900	LIFE	**	5	\$6,600
		Paint Peeling, Extent : Light, Area Affected : 20%						
		Location : Second Floor						
		Water Penetration, Extent : Moderate, Area Affected : 15%						
		Location : First, Third, Fourth Floor Ceilings						

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**DEPT. OF PARKS & RECREATION - 846**  
**MERCHANT'S HOUSE MUSEUM**  
**Asset # : 4528**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2056	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : 225 Amperes							
	Raceway								
	Conduit	100%			2026	\$4,100	1		
	Panelboards								
	Molded Case Bkrs	50%			2025	\$4,100	5	\$100	
	Molded Case Bkrs	50%			2034	* *	5	\$100	
	Wiring								
	Thermoplastic	50%			2026	\$4,500	1		
	Thermoplastic	50%			2036	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$7,800	5		
Ground									
	Grounding Devices								
	Generic	100%	0-2	\$10,400	LIFE	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	20%			2021	\$3,300	10	\$1,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Using T-12 Lamps							
	Incandescent	20%			2021	\$7,800	2		
	Incandescent	60%	2-4	\$23,500	2036	* *	2	\$100	
		Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2031	* *	1	\$500	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2046	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**MERCHANT'S HOUSE MUSEUM**  
**Asset # : 4528**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Steam Boiler	100%			2039	**	1	\$6,800	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : 1 - Gas Fired Steam Boiler						
	Distribution								
	Central Plant Steam	100%			2026	\$119,000	4	\$300	
	Piping/Pmp								
			On Extended Life, Extent : Moderate, Area Affected : 100%						
			Location : Throughout						
	Terminal Devices								
	Convactor/Radiator	100%			2024	\$37,700	1	\$2,200	
			On Extended Life, Extent : Moderate, Area Affected : 100%						
			Location : Throughout						
Air Conditioning									
	Energy Source								
	Electricity	20%			2042	**	1		
	No Component	80%							
	Conversion Equipment								
	Interior Pkg Unit -	10%			2027	\$26,300	2		
	Cooling								
			Other Observation, Extent : Moderate, Area Affected : 10%						
			Location : Director's Office						
			Explanation : 1 Package Terminal Air Conditioner						
	Window/Wall Unit	10%			2021	\$1,500	1		
	No Component	80%							
Plumbing									
	Water Heater								
	Gas Fired	100%			2021	\$4,300	2	\$100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : 1- 40 Gallon Unit						
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
			On Extended Life, Extent : Moderate, Area Affected : 100%						
			Location : Throughout						
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Perimeter Of Pitched Roof						
			Explanation : Aluminum Leaders And Gutters Observed						
	Fixtures								
	Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$58,300	\$40,100
Interior Architecture		\$49,900
Electrical	\$35,500	
<b>Total</b>	<b>\$93,800</b>	<b>\$90,000</b>
Importance Code A	\$58,300	\$40,100
Importance Code B	\$35,500	\$49,900
<b>Total</b>	<b>\$93,800</b>	<b>\$90,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$55,200		\$1,200	
Interior Architecture	\$10,200	\$900		\$1,200
Electrical	\$3,500	\$200	\$1,300	\$400
Mechanical	\$2,700	\$1,900	\$3,700	\$1,700
<b>Total</b>	<b>\$71,500</b>	<b>\$3,000</b>	<b>\$6,200</b>	<b>\$3,200</b>
Importance Code A	\$56,200	\$1,000	\$2,200	\$1,000
Importance Code B	\$15,300	\$2,000	\$4,000	\$2,200
Importance Code C				
<b>Total</b>	<b>\$71,500</b>	<b>\$3,000</b>	<b>\$6,200</b>	<b>\$3,200</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 &amp; RECREATION - 846

## MORRIS-JUMEL MANSION

Asset # : 4529

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	5%	Now	\$3,100	LIFE	**	5	\$900	
		Loose/Delam Surface, Extent : Moderate, Area Affected : 10%							
		Location : Chimneys							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : Chimneys							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Chimneys							
	Masonry: Sandstone	5%	Now	\$8,900	LIFE	**	5	\$700	
		Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
		Location : Northeast Corner Foundation							
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : Northeast Corner Foundation							
	Stucco Cement	5%			2031	**	5	\$2,400	
	Wood	85%	0-2	\$58,300	2031	**	5	\$40,100	
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Windows									
	Wood	100%	Now	\$18,400	2034	**	5	\$11,200	
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Parapets									
	Wood Rail	100%	Now	\$24,800	2031	**	5	\$8,900	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
		Location : At Hyphens							
		Dry Rot/Decay, Extent : Severe, Area Affected : 20%							
		Location : At Hyphens							
		Split/Cracked, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Roof									
	Modified Bitumen	30%			2026	\$25,000	10	\$3,900	
	Wood Shingles	70%			2035	**	10	\$3,100	
Interior									
Floors									
	Carpet	15%			2025	\$32,500	3	\$4,700	
	Cast in Place Concrete	10%			LIFE	**	5	\$3,400	
	Panel/Paver: Cer/Brk	5%			2025	\$49,900	5	\$1,700	
	Panel/Paver: Bluestone	3%			LIFE	**	5	\$400	
	Terrazzo	5%			LIFE	**	5	\$600	
	Wood	62%			2029	**	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	

## 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	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2046	**	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement Electric Service Closet**Explanation : One 400 Amperes Switch*

## Raceway

Conduit	50%			2026	\$2,000	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	\$3,100	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 : Moderate, Area Affected : 100%**Location : Throughout**Explanation : T-8 Lamps*

Incandescent	60%			2021	\$35,500	2	\$100	
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Incandescent	30%			2031	**	2	\$100	
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## DEPT. OF PARKS &amp; RECREATION - 846

## MORRIS-JUMEL MANSION

Asset # : 4529

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

## Lighting

Exterior Lighting

HID

100%

2031

\* \*

10

## 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

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

## Heating

Energy Source

Natural Gas

100%

2052

\* \*

1

Conversion Equipment

Steam Boiler

100%

2043

\* \*

1

\$10,300

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

Distribution

Central Plant Steam

100%

2036

\* \*

4

\$800

Piping/Pmp

Terminal Devices

Convactor/Radiator

100%

2031

\* \*

1

\$3,400

## Air Conditioning

Energy Source

Electricity

100%

2048

\* \*

1

Conversion Equipment

Window/Wall Unit

10%

Now

\$700

2021

\$2,200

1

*Malfunctioning, Extent : Moderate, Area Affected : 50%**Location : One Of Three, 3rd Floor Units*

No Component

90%

## Plumbing

H/C Water Piping

Brass/Copper

60%

2052

\* \*

1

Galvanized Steel

40%

2031

\* \*

1

Water Heater

Gas Fired

100%

2026

\$6,500

2

\$200

*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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**DEPT. OF PARKS & RECREATION - 846**  
**MORRIS-JUMEL MANSION**  
**Asset # : 4529**

Mechanical		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
	Sump Pump(s)							
	Submersible	100%		2019	\$400	4	\$300	
	Backflow Preventer							
	Generic	100%		2031	* *	1	\$600	
	Fixtures							
	Generic	100%	Obsolete Fixtures, Extent : Severe, Area Affected : 100%					
			Location : Various					
Fire Suppression								
	Sprinkler							
	No Component	50%						
	Generic	50%		2046	* *	1-2	\$1,500	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$125,000	\$250,500
Interior Architecture	\$87,400	\$148,800
Electrical	\$66,700	\$90,900
Mechanical	\$410,500	\$1,953,000
<b>Total</b>	<b>\$689,600</b>	<b>\$2,443,200</b>
Importance Code A	\$225,100	\$450,700
Importance Code B	\$464,500	\$1,992,500
<b>Total</b>	<b>\$689,600</b>	<b>\$2,443,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$40,800	\$11,400		\$500
Interior Architecture	\$48,800	\$4,000	\$17,000	\$17,000
Electrical	\$49,200	\$13,800	\$13,200	\$12,600
Mechanical	\$7,300	\$13,900	\$66,000	\$16,300
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$158,000</b>	<b>\$55,000</b>	<b>\$108,000</b>	<b>\$58,300</b>
Importance Code A	\$40,800	\$15,900	\$4,700	\$5,000
Importance Code B	\$117,300	\$38,400	\$103,300	\$53,300
Importance Code C		\$600		
<b>Total</b>	<b>\$158,000</b>	<b>\$55,000</b>	<b>\$108,000</b>	<b>\$58,300</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**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	30%			LIFE	* *	5	\$22,800	
	Efflorescence, Extent : Moderate, Area Affected : 25%								
	Location : Various Locations								
	Fiberglass Panel	5%			2035	* *	5	\$22,800	
	Metal/Glass Curt Wall	3%	Now	\$11,500	LIFE	* *	5	\$6,800	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Street Side First Floor Souvenir Shop								
	Water Penetration, Extent : Light, Area Affected : 50%								
	Location : 3rd And 4th Floor Suites.								
	Metal/Glass Curt Wall	27%			LIFE	* *	5	\$61,500	
	Metal Panel	30%			2046	* *	5-10	\$250,500	
	Metal Sect. OHD	5%	0-2	\$9,500	2031	* *	5	\$9,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Various Locations								
	Explanation : Staining And Dents								
Windows									
	Aluminum	100%			2042	* *	5	\$1,000	
Parapets									
	Concrete Masonry Unit	20%			LIFE	* *	5		
	Metal/Glass Curt Wall	5%			2046	* *	5		
	Metal Rail	75%			2039	* *	5-10		
Roof									
	Cast in Place Concrete	70%	Now	\$56,600	LIFE	* *			
	Cracking/Crumbling, Extent : Light, Area Affected : 15%								
	Location : Various Locations Around Second Floor Concession Stands								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Space Under Main Exterior Stair.								
	Metal Panel	5%			2039	* *	10	\$10,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Storage Building Behind Outfield								
	Explanation : Detached Building On Property								
	Traffic Topping	25%	0-2	\$8,900	2031	* *			
	Blisters, Extent : Light, Area Affected : 10%								
	Location : Over 4th Floor Suites And 2nd Floor Concession Stands								

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

**DEPT. OF PARKS & RECREATION - 846**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Carpet	25%	4+	\$43,400	2025	\$433,500	3	\$51,000	
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : Various Locations							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Various Locations							
		Explanation : Carpet Tile							
	Cast in Place Concrete	50%			LIFE	* *	5	\$148,800	
		Paint Peeling, Extent : Moderate, Area Affected : 80%							
		Location : Loading Area Adjacent To Restaurant.							
	Ceramic Tile	5%			2035	* *	5	\$6,800	
	Traffic Topping	20%			2031	* *	5	\$34,000	
Interior Walls									
	Ceramic Tile	5%			2035	* *	5	\$1,300	
	Concrete Masonry Unit	70%			LIFE	* *	5	\$7,100	
	Gypsum Board	25%			LIFE	* *	5	\$3,800	
Ceilings									
	AcousTileSusp.Lay-In	25%	Now	\$5,500	2031	* *	5	\$17,000	
		Loose/Delam Surface, Extent : Moderate, Area Affected : 10%							
		Location : Restaurant Kitchen.							
	Exposed Concrete	40%	Now	\$87,400	LIFE	* *	5	\$8,500	
		Water Penetration, Extent : Moderate, Area Affected : 85%							
		Location : A T S Room, Space Under Stadium Seating.							
	Exposed Concrete	25%			LIFE	* *	5	\$5,300	
	Exposed Struc: Steel	10%			LIFE	* *			

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2046	* *	5	\$400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Service Room 182 C									
Explanation : 2-2000 Amp									
Transformers									
	Dry Type	100%			2039	* *	5	\$300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : 2(112.5 Kva); 2(25 Kva)									

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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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Disc Sw	90%			2046	**	5	\$400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room 182							
		Explanation : 2(2000 Amp.)							
	Molded Case Bkrs	10%			2046	**	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room 182							
		Explanation : Emergency Distribution Switchgear.							
	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	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Generator Room							
		Explanation : 600 Amp.							
	Automatic	10%			2039	**	1	\$2,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : 30 HP For Fire Pump							
	Generators								
	Diesel	100%	Now	\$14,600	2029	**	1	\$31,700	
		Suspect Water Damage, Extent : Severe, Area Affected : 20%							
		Location : Exterior							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : 350 Kw, Controls Inoperable							
	Batteries								
	Lead/Acid	100%			2020	\$1,500	5	\$3,400	
	Fuel Storage								
	Day Tank	100%	Now	\$6,600	2051	**	5	\$8,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : 250 Gallons, Tank Leaks							

**Lighting**

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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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	80%			2031	* *	10	\$66,700	
		Compact Fluorescent Light, Extent : Light, Area Affected : 25%							
		Location : In Main Lobby							
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 80%							
		Location : Throughout							
	HID	10%			2031	* *	10	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : In Main Store							
		Explanation : Low Bay Lighting							
	Incandescent	10%			2026	\$90,900	2	\$200	
		Obsolete Fixtures, Extent : Light, Area Affected : 100%							
		Location : In Suites							
Egress Lighting									
	Emergency, Service	30%			2031	* *	1		
	Exit, LED	60%			2054	* *	1		
	Exit, Service	10%			2031	* *	1		
Exterior Lighting									
	Fluorescent	20%			2031	* *	10	\$1,700	
	HID	60%			2031	* *	10	\$200	
	LED	10%			2031	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Parking Lot							
		Explanation : In Parking Lot							
	LED	10%	2-4	\$19,700	2036	* *			
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Field Lighting							
		Explanation : Led Light Fixtures Fail Due To Exposure To Airborne Salt Water							
Alarm									
	Security System								
	No Component	50%							
	Generic	50%			2031	* *	1	\$17,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fixed Cameras							
Fire/Smoke Detection									
	No Component	50%							
	Generic, Digital	50%			2031	* *	1-3	\$28,900	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	85%			2046	* *	1		
	Natural Gas	15%			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**  
**MUNICIPAL CREDIT UNION PARK MINOR LEAGUE STADIUM - BALL PARK**  
**Asset # : 13882**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	100%	Now	\$100,100	2026	\$200,200	1	\$40,500	
				Broken, Extent : Moderate, Area Affected : 30%					
				Location : 3rd Floor Roof Motor To Be Replaced					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : 1 Rooftop Gas Fired Heating And Cooling Unit/ 5 Interior Ceiling Mounted Electric Heating And Cooling Units					
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$50,700	
Terminal Devices									
	Fan Coil Unit/Heat	10%	2-4	\$38,200	2031	* *	1	\$2,600	
				Other Observation, Extent : Moderate, Area Affected : 40%					
				Location : Concession Area					
				Explanation : Electric Unit Heaters Located In Each Concession Area Are In Poor Condition					
	No Component	90%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
Conversion Equipment									
	Int Pkg Unit - Heating/Cooling	85%			2024	\$1,536,700	2	\$4,700	
	Split Unit	15%			2021	\$272,200			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Roof And Loading Dock					
				Explanation : Units Over 15 Years Old					
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2	\$118,300	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$50,700	
Exhaust Fans									
	Roof	100%			2026	\$141,100	2	\$2,800	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
Water Heater									
	Electric	100%			2024	\$74,900	4	\$800	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : 2 - 1,000 Gallon, 1 - 200 Gallon, 5 - 50 Gallon, 1 - 6 Gallon					
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Non-Submersible	100%			2026	\$13,000	4	\$1,900	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Dugouts And Tunnels						
			Explanation : 4 Units						
Backflow Preventer									
	Generic	100%			2031	**	1	\$5,600	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Water Meter Room						
			Explanation : Fire And Domestic						
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : (2) Ground to 4th Floor, (1) Ground to 2nd Floor						
			Explanation : 2 Passenger, 1 Freight						
Fire Suppression									
	Standpipe								
	Generic	100%			2046	**	1-5	\$47,500	
	Sprinkler								
	Generic	100%			2046	**	1-2	\$25,500	
			Other Observation, Extent : Light, Area Affected : 10%						
			Location : Concession And Restaurant Kitchens						
			Explanation : System						
Fire Pump									
	Generic	100%			2035	**	1	\$17,000	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$135,900	\$2,087,500
Interior Architecture	\$113,600	\$237,400
Electrical		\$121,300
Mechanical		\$76,900
<b>Total</b>	<b>\$249,500</b>	<b>\$2,523,100</b>
Importance Code A	\$135,900	\$2,087,500
Importance Code B	\$113,600	\$400,100
Importance Code C		\$35,500
<b>Total</b>	<b>\$249,500</b>	<b>\$2,523,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,400			\$31,400
Interior Architecture	\$12,900	\$4,000		
Electrical	\$24,200	\$24,500	\$22,000	\$29,900
Mechanical	\$22,700	\$14,500	\$33,800	\$12,000
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$81,100</b>	<b>\$50,900</b>	<b>\$63,700</b>	<b>\$81,200</b>
Importance Code A	\$21,800	\$4,700	\$8,400	\$36,100
Importance Code B	\$59,300	\$42,200	\$55,300	\$45,200
Importance Code C		\$4,000		
<b>Total</b>	<b>\$81,100</b>	<b>\$50,900</b>	<b>\$63,700</b>	<b>\$81,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**  
**Asset # : 14771**

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	4%	Now	\$10,800	LIFE	**	5	\$47,900	
		Water Penetration, Extent : Moderate, Area Affected : 5%							
		Location : Above Loading Dock From Balcony Above							
	Metal/Glass Curt Wall	8%			LIFE	**	5	\$35,900	
	Metal Panel	78%			2053	**	5-10	\$1,283,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : 3-inch Insulated Panels							
	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	\$2,600	2035	**			
		Drains Clogged, Extent : Light, Area Affected : 15%							
		Location : Lower Mechanical Roof							
	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	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Track And Warm Up Areas							
		Explanation : Custom Athletic Surface							
	Sheet Vinyl/Rubber	5%			2035	**	5	\$15,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Gymnasium Area							
		Explanation : Thick Rubber Tiles							
	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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2053	**	5	\$3,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : Main Service Switch Rated @ 2000 Amperes.								
	Transformers								
	Dry Type	100%			2044	**	5	\$500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : 3- 112.5 Kva, 480/208/120 Volts								
	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	**			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$2,000	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2044	**	1	\$41,500	
	Generators								
	Diesel	100%			2040	**	1	\$52,200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Generator Room								
	Explanation : Emergency Generator Rated @ 515 Kw								
	Batteries								
	Lead/Acid	100%			2022	\$1,500	5	\$5,000	
	Fuel Storage								
	Main Tank	100%			2062	**	5	\$4,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Generator/ Belly Tank								
	Explanation : 250 Gallons Rated Capacity								
Lighting									

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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**  
**Asset # : 14771**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	88%			2035	* *	10	\$108,900	
		T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	2%			2035	* *	10	\$2,500	
		Compact Fluorescent Light, Extent : Light, Area Affected : 100%							
		Location : Hallways							
	Fluorescent	8%			2035	* *	10	\$9,900	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Parking Lot							
	HID	2%			2035	* *	10	\$100	
Egress Lighting									
	Emergency, Service	48%			2035	* *	1		
	Emergency, Battery	2%			2035	* *	10	\$700	
	Exit, LED	50%			2062	* *	1		
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2062	* *	5	\$4,000	
Alarm									
	Security System								
	Generic	100%			2035	* *	1	\$50,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Inside And Outside							
		Explanation : CCTV Surveillance Camera System							
Fire/Smoke Detection									
	Generic, Digital	100%			2035	* *	1-3	\$83,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations, Horns And Smoke Detectors							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	5%			2053	* *	1		
	Natural Gas	95%			2053	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR ATHLETIC FACILITY**  
**Asset # : 14771**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	60%			2035	**	1	\$40,000	
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Roof							
		Explanation : 3 Roof Top Package Units							
	Hot Water Boiler	10%			2044	**	1	\$6,700	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 3rd Floor Mechanical Room							
		Explanation : 2 Units							
	Radiant Heater	5%			2035	**	2	\$3,100	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Stairwells							
		Explanation : Electric Units							
	Radiant Heater	25%			2035	**	2	\$15,600	
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Arena Ceiling							
		Explanation : Gas Fired Units							
Distribution									
	Hot Wtr Piping/Pump	10%			2049	**	4	\$700	
	No Component	90%							
Terminal Devices									
	Convactor/Radiator	10%			2044	**	1	\$4,400	
	No Component	90%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2049	**	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	10%			2035	**	1	\$6,300	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 3rd Floor Mechanical Room							
		Explanation : 6 Units. R-410a							
	Ext Pkg Unit - Heating/Cooling	80%			2035	**	2	\$6,600	
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : Roof							
		Explanation : 3 Roof Top Package Units							
	No Component	10%							
Distribution									
	CW & CHW Wtr Pipe/Pump	10%			2053	**	4	\$700	
	No Component	90%							
Terminal Devices									
	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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Heat Rejection								
	Water Cooling Tower	10%			2031	* *	2	\$13,600	
			Other Observation, Extent : Light, Area Affected : 10%						
			Location : Roof						
			Explanation : 1 Unit						
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$75,200	
	Exhaust Fans								
	Interior	10%			2035	* *	2	\$400	
	Roof	90%			2035	* *	2	\$3,700	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2053	* *	1		
	Water Heater								
	Gas Fired	100%			2026	\$76,900	2	\$2,000	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 3rd Floor Mechanical Room						
			Explanation : 2 Units						
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2035	* *	1	\$8,300	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : (1) G-4 (1) G-1 Freight						
			Explanation : 2 Units						
Fire Suppression									
	Standpipe								
	Generic	100%			2053	* *	1-5	\$68,000	
	Sprinkler								
	Generic	100%			2053	* *	1-2	\$37,800	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$137,400
<b>Total</b>		<b>\$137,400</b>
Importance Code A		\$137,400
<b>Total</b>		<b>\$137,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,400			
Interior Architecture				
Electrical	\$1,100	\$1,200	\$1,000	\$1,000
Mechanical	\$1,000	\$600	\$1,800	\$600
<b>Total</b>	<b>\$10,500</b>	<b>\$1,700</b>	<b>\$2,800</b>	<b>\$1,600</b>
Importance Code A	\$8,500	\$200	\$200	\$200
Importance Code B	\$1,900	\$1,600	\$2,700	\$1,400
Importance Code C				
<b>Total</b>	<b>\$10,500</b>	<b>\$1,700</b>	<b>\$2,800</b>	<b>\$1,600</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**OCEAN BREEZE PARK INDOOR HORSE RIDING ARENA**  
**Asset # : 14795**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	\$10,000	
Metal Panel	73%			2053	* *	5-10	\$100,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 3-inch Insulated Panels								
Metal Sect. OHD	15%			2044	* *	5	\$9,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Facade								
Explanation : Hydraulic Bi-fold Doors								
Window Wall	2%			2053	* *	5	\$1,500	
Windows								
Aluminum	100%			2049	* *	5	\$7,400	
Roof								
Metal Panel	100%			2044	* *	10	\$64,000	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$34,200	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	
Gypsum Board	15%			LIFE	* *	5	\$1,900	
Metal Panel	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Walls								
Explanation : Interior Face Of Insulated Panel System								
Metal: Cage/Fence	2%			LIFE	* *			
Wood	8%			LIFE	* *	5	\$6,600	
Ceilings								
Exposed Concrete	50%			LIFE	* *	5	\$1,200	
Exposed Struc: Steel	50%			LIFE	* *			

Electrical		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2053	* *	5			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Service Disconnect Switch Rated @ 200 Amperes.									
Raceway									
Conduit	100%			2053	* *	1			
Panelboards									
Fused Disc Sw	10%			2049	* *	5			
Molded Case Bkrs	90%			2049	* *	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**  
**OCEAN BREEZE PARK INDOOR HORSE RIDING ARENA**  
**Asset # : 14795**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Wiring								
	Thermoplastic	100%			2053	**	1		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Water Meter Room							
		Explanation : Connected To Metal Water Pipe							
Lighting									
	Interior Lighting								
	Fluorescent	60%			2035	**	10	\$5,700	
		T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
	Fluorescent	40%			2035	**	10	\$3,800	
		T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%							
		Location : Parking Lot							
	Egress Lighting								
	Emergency, Battery	50%			2035	**	10	\$1,300	
	Exit, Service	50%			2035	**	1		
	Exterior Lighting								
	Fluorescent	20%			2035	**	10	\$200	
		Compact Fluorescent Light, Extent : Light, Area Affected : 100%							
		Location : Perimeter Eaves / Outside							
	No Component	80%							
Alarm									
	Security System								
	Generic	100%			2035	**	1	\$3,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Inside And Outside							
		Explanation : CCTV Surveillance Camera System							
	Fire/Smoke Detection								
	Generic, Digital	100%			2035	**	1-3	\$6,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells And Smoke Detectors							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			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 HORSE RIDING ARENA**  
**Asset # : 14795**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	30%			2044	**	1	\$1,600	
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : 2nd Floor							
		Explanation : 1 Unit							
	No Component	70%							
Distribution									
	Hot Wtr Piping/Pump	30%			2049	**	4	\$200	
	No Component	70%							
Terminal Devices									
	Convactor/Radiator	30%			2044	**	1	\$1,000	
	No Component	70%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2049	**	1		
	Conversion Equipment								
	Split Unit	10%			2035	**			
		R-134a Refrigerant, Extent : Light, Area Affected : 10%							
		Location : Office							
	No Component	90%							
Terminal Devices									
	Fan Coil - 2 Pipe	10%			2035	**	1	\$300	
	No Component	90%							
Heat Rejection									
	Evaporative Condenser	10%			2035	**	2	\$700	
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	10%			LIFE	**	2-5	\$600	
	Ductwork/Diffusers	90%			LIFE	**	2-5	\$5,200	
	Exhaust Fans								
	Wall Unit	100%			2035	**	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2053	**	1		
	Water Heater								
	Gas Fired	100%			2026	\$5,900	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Backflow Preventer								
	Generic	100%			2035	**	1	\$600	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2053	**	1-2	\$2,900	

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$49,000	
<b>Total</b>	<b>\$49,000</b>	
Importance Code A	\$49,000	
<b>Total</b>	<b>\$49,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$62,100			
Interior Architecture	\$19,600			
Electrical	\$40,600	\$200	\$6,100	\$300
Mechanical	\$2,200	\$500	\$6,200	\$400
<b>Total</b>	<b>\$124,500</b>	<b>\$700</b>	<b>\$12,300</b>	<b>\$700</b>
Importance Code A	\$62,400	\$300	\$300	\$300
Importance Code B	\$59,200	\$400	\$12,000	\$400
Importance Code C	\$2,900			
<b>Total</b>	<b>\$124,500</b>	<b>\$700</b>	<b>\$12,300</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**  
**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	
		Spalling, Extent : Moderate, Area Affected : 5%							
		Location : South East Corner - Main Building							
	Masonry: Fieldstone	65%	Now	\$49,000	LIFE	**	5	\$4,300	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : East Facade Above Entry Door							
	Stucco Cement	15%	Now	\$7,600	2031	**	5	\$1,600	
		Diagonal Cracks, Extent : Light, Area Affected : 10%							
		Location : Various Areas							
		Water Penetration, Extent : Severe, Area Affected : 5%							
		Location : West Facade, Adjacent To Storage Room, At Grade							
		Other Observation, Extent : Moderate, Area Affected : 5%							
		Location : West Facade							
		Explanation : Vegetative Growth							
	Wood	5%	Now	\$22,900	2046	**	5	\$1,100	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Fascia And Wood Gutters							
		Dry Rot/Decay, Extent : Severe, Area Affected : 30%							
		Location : Fascia And Wood Gutters							
		Water Penetration, Extent : Severe, Area Affected : 5%							
		Location : East Facade Above Entry Door, Wood Shutter Above Entry							
Windows									
	Wood	100%	Now	\$17,800	2051	**	5	\$2,400	1
		Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Loose Units, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Unit Inoperable, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Windows Made In D P R Shop - Not Made Well - Do Not Seat Properly Or Lock. Wood Shutters Throughout							
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.  
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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**  
**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									
	Roof								
	Metal Panel	100%	Now	\$12,700	2039	**			
				Deteriorated Finish, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 100%					
				Location : East And West Facades					
				Water Penetration, Extent : Severe, Area Affected : 10%					
				Location : Roof Hatch					
Interior									
	Floors								
	Cast in Place Concrete	34%	Now	\$3,200	LIFE	**	5	\$3,300	
				Cracking/Crumbling, Extent : Severe, Area Affected : 15%					
				Location : Stairs To Basement					
				Worn/Eroded, Extent : Moderate, Area Affected : 25%					
				Location : Stairs To Second Floor					
	Quarry Tile	30%			2039	**	5	\$2,000	
	Slate	3%			LIFE	**	5	\$100	
	Wood	33%	4+	\$4,900	2054	**	5	\$1,400	
				Deteriorated Finish, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
				Patching Evident, Extent : Moderate, Area Affected : 10%					
				Location : North West Corner, Second Floor					
Interior Walls									
	Cast in Place Concrete	20%	Now	\$2,800	LIFE	**			
				Vertical Cracks, Extent : Moderate, Area Affected : 5%					
				Location : Basement					
				Water Penetration, Extent : Severe, Area Affected : 15%					
				Location : Basement					
	Ceramic Tile	10%			2035	**	5	\$100	
	Gypsum Board	30%			LIFE	**	5	\$100	
				Staining/Discoloring, Extent : Moderate, Area Affected : 5%					
				Location : Various Areas					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : First Floor					
				Explanation : Gypsum Walls In Exhibition Hall					
	Plaster	40%	Now	\$100	LIFE	**	5	\$100	
				Water Penetration, Extent : Severe, Area Affected : 10%					
				Location : South East Window And Ceiling, 2nd Floor					

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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

## Interior

## Ceilings

Exposed Concrete      30%    Now      \$4,300    LIFE      \* \*    5      \$200

*Paint Peeling, Extent : Moderate, Area Affected : 100%*

*Location : Basement*

*Water Penetration, Extent : Moderate, Area Affected : 10%*

*Location : Basement*

Exposed Struc: Wood      15%      LIFE      \* \*      5      \$1,500

Plaster      55%    Now      \$3,200    LIFE      \* \*    5      \$1,500

*Water Penetration, Extent : Moderate, Area Affected : 5%*

*Location : Second Floor*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      100%      2036      \* \*    5

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

*Location : Basement*

*Explanation : Main Service Switch Rated @ 200 Amperes*

## Raceway

Conduit      80%      2036      \* \*    1

Conduit      20%      2026      \$700    1

## Panelboards

Molded Case Bkrs      50%      2034      \* \*    5

Molded Case Bkrs      50%      2025      \$3,700    5

## Wiring

Thermoplastic      80%      2036      \* \*    1

Thermoplastic      20%      2026      \$1,600    1

## Motor Controllers

Locally Mounted      100%      2024      \$7,200    5

## Ground

## Grounding Devices

Generic      100%    2-4      \$9,500    LIFE      \* \*    5

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

*Location : Basement*

*Explanation : Corroded*

## Lighting

## Interior Lighting

Fluorescent      35%      2026      \$2,300    10      \$1,000

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

*Location : Basement*

Fluorescent      30%      2026      \$2,000    10      \$800

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*

*Location : Hallways And Basement*

Incandescent      35%      2021      \$5,500    2

*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**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

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

## Lighting

## Egress Lighting

Emergency, Battery	50%			2034		* *	10	\$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		\$2,700	1	\$300	

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

*Location : Gallery And Outside*

*Explanation : CCTV Surveillance Cameras*

## Fire/Smoke Detection

Generic, Analog	100%	Now	\$31,100	2036		* *	1-3	\$1,700	
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*Not in Service, Extent : Light, Area Affected : 100%*

*Location : Throughout The Building*

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

## Heating

## Energy Source

Natural Gas	100%			2052		* *	1		
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## Conversion Equipment

Steam Boiler	100%			2039		* *	1	\$3,000	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Basement*

*Explanation : 1 Unit*

## Distribution

Central Plant Steam Piping/Pmp	100%			2036		* *	4	\$200	
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## Terminal Devices

Convactor/Radiator	100%	Now	\$800	2039		* *	1	\$900	
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*Other Observation, Extent : Light, Area Affected : 80%*

*Location : Various Locations*

*Explanation : Thermostatic Valves Broken*

## Air Conditioning

## Energy Source

Electricity	100%			2042		* *	1		
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## Conversion Equipment

Window/Wall Unit	100%			2021		\$5,900	1		
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : Window Units Installed And Removed Seasonally*

*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**  
**OLD STONE HOUSE (REPLICA)**  
**Asset # : 4531**

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									
	Dehumidifier								
	Generic	100%			2030	* *			
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2039	* *	1		
	Water Heater								
	Gas Fired	100%			2026	\$1,700	2		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 40 Gallons, Newly Installed.								
	Sanitary Piping								
	Cast Iron	100%	Now	\$1,000	LIFE	* *	1		
	Broken, Extent : Moderate, Area Affected : 5%								
	Location : Basement								
	Sump Pump(s)								
	Submersible	100%			2019	\$100	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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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 5051 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$449,700	
Interior Architecture	\$105,800	\$65,800
Electrical	\$73,000	\$487,600
Mechanical	\$81,700	\$113,900
<b>Total</b>	<b>\$710,200</b>	<b>\$667,300</b>
Importance Code A	\$449,700	
Importance Code B	\$260,500	\$667,300
<b>Total</b>	<b>\$710,200</b>	<b>\$667,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$34,300	\$4,400		
Interior Architecture	\$56,000			\$1,000
Electrical	\$38,400	\$1,900	\$1,400	\$1,400
Mechanical	\$10,600	\$26,600	\$3,700	\$1,900
<b>Total</b>	<b>\$139,300</b>	<b>\$33,000</b>	<b>\$5,100</b>	<b>\$4,400</b>
Importance Code A	\$35,400	\$5,700	\$1,000	\$1,000
Importance Code B	\$70,100	\$27,200	\$4,100	\$3,300
Importance Code C	\$33,800			
<b>Total</b>	<b>\$139,300</b>	<b>\$33,000</b>	<b>\$5,100</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**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	10%	0-2	\$13,600	LIFE	**	5	\$2,100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Bulkheads								
	Concrete Masonry Unit	65%			LIFE	**	5	\$13,400	
	Glazed Ceramic Panel	5%			LIFE	**	5	\$7,700	
	Masonry: Brick	10%	Now	\$10,000	LIFE	**	5	\$3,300	
	Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
	Location : East Entrance At Park Wing								
	Metal Panel	3%			2035	**	5-10	\$6,800	
	Metal Coiling Doors	5%			2030	**	5	\$5,200	
	Pre-Cast Concrete	2%	0-2	\$1,100	LIFE	**	5	\$2,100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Window Sills								
Windows									
	Aluminum	100%	0-2	\$251,700	2050	**	5	\$3,000	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Parapets									
	Concrete Masonry Unit	18%			LIFE	**	5	\$500	
	Masonry: Brick	2%			LIFE	**	5	\$100	
	Metal Panel	5%	Now	\$9,700	2055	**	5	\$200	
	Deformed/Dented, Extent : Severe, Area Affected : 25%								
	Location : Coping								
	Loose/Miss Fasteners, Extent : Severe, Area Affected : 50%								
	Location : Coping								
	Miss/Damaged Copings, Extent : Severe, Area Affected : 30%								
	Location : Coping								
	Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
	Location : Coping								
	No Component	75%							
Roof									
	Modified Bitumen	75%	Now	\$185,700	2035	**			
	Seams Open/Split, Extent : Moderate, Area Affected : 10%								
	Location : Park Wing								
	Vegetation Growth, Extent : Severe, Area Affected : 10%								
	Location : Park Wing								
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : Park Wing								
	Modified Bitumen	25%	Now	\$12,400	2030	**			
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Corridors, Police Wing								

## Interior

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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		
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	23%	2-4	\$3,700	LIFE	**	5	\$15,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Ceramic Tile	5%	2-4	\$1,500	2028	\$30,000	5	\$800	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Quarry Tile	15%	2-4	\$6,700	2030	**	5	\$3,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Terrazzo	30%	Now	\$43,200	LIFE	**	5	\$7,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout Park Wing							
	Vinyl Tile	25%			2025	\$65,800	3	\$3,900	
	Vinyl Tile	2%	Now	\$5,300	2035	**	3	\$200	
		Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
		Location : Police Wing							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Police Wing							
		Explanation : 9x9 Tiles							
Interior Walls									
	Ceramic Tile	3%	2-4	\$1,100	2034	**	5	\$400	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Concrete Masonry Unit	10%	2-4	\$2,900	LIFE	**	5	\$1,100	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Glass: Single Pane	2%	2-4	\$800	LIFE	**	5	\$400	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Glazed Ceramic Panel	20%	Now	\$16,600	LIFE	**			
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Vestibule, Park Wing							
	Metal Panel	2%			LIFE	**			
	Plaster	53%	Now	\$2,200	LIFE	**	5	\$4,200	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Stair - Police Wing							
	SGFT/Glazed Masonry	10%	Now	\$10,200	LIFE	**			
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Storage, Park Wing							

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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

## Ceilings

AcousTileSusp.Lay-In 25% Now \$62,600 2045 \* \* 5 \$3,900

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

*Location : Throughout Police Wing*

Plaster 65% LIFE \* \* 5 \$12,600

Plaster 10% Now \$4,100 LIFE \* \* 5 \$1,900

*Broken/Missing Elements, Extent : Severe, Area Affected : 10%*

*Location : Vestibule, Storage Parks Wing*

*Water Penetration, Extent : Severe, Area Affected : 10%*

*Location : Old Concession Stand*

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% 2025 \$8,300 5 \$500

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

*Location : Basement*

*Explanation : Two 400 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Fused Disc Sw 100% 2025 \$122,000 5 \$100

## Raceway

Conduit 100% 2025 \$59,200 1

## Panelboards

Fused Disc Sw 10% 2024 \$6,000 5

Molded Case Bkrs 90% 2024 \$53,700 5 \$500

## Wiring

Braided Cloth 30% 2-4 \$24,300 2050 \* \* 1

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

*Location : Throughout The Building*

Thermoplastic 70% 2025 \$56,800 1

## Motor Controllers

Locally Mounted 50% 2023 \$14,700 5 \$100

Locally Mounted 50% 2030 \* \* 5 \$100

## Ground

## Grounding Devices

Generic 100% 2-4 \$9,500 LIFE \* \* 5 \$300

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

*Location : Basement*

*Explanation : Corroded*

## Stand-by Power

## Transfer Switches

Automatic 100% 2023 \$8,900 1 \$6,400

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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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Generators								
	Diesel	100%			2021	\$73,000	1	\$8,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : 30 Kw							
Batteries									
	Lead/Acid	100%			2019	\$1,500	5	\$800	
Fuel Storage									
	Day Tank	50%			2024	\$800	5	\$1,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement Generator Room							
		Explanation : One 10 Gallons							
	Main Tank	50%			2065	* *	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : One 275 Gallons							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2025	\$117,800	10	\$19,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
Egress Lighting									
	Emergency, Service	70%			2025	\$7,100	1		
	Exit, Service	30%			2025	\$2,100	1		
Exterior Lighting									
	HID	100%			2025	\$78,100	10	\$100	

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2035	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2030	* *	1	\$10,200	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement Boiler Room						
			Explanation : 3 Units						
	Distribution								
	Hot Wtr Piping/Pump	100%			2024	\$30,200	4	\$1,500	
	Terminal Devices								
	Air Handler	30%			2020	\$81,700	1	\$3,800	
	Convactor/Radiator	70%			2023	\$72,600	1	\$4,700	

**Air Conditioning**

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**DEPT. OF PARKS & RECREATION - 846**  
**PARADE GROUNDS PARK MAIN BLDG/BKLYN SOUTH TASK FORCE**  
**Asset # : 13630**

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%			2033	* *	1		
	Conversion Equipment								
	Window/Wall Unit	60%			2020	\$24,200	1		
	No Component	40%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,500	
	Exhaust Fans								
	Interior	60%			2025	\$41,300	2	\$400	
	Roof	40%			2025	\$12,900	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	* *	1		
	Water Heater								
	Gas Fired	100%			2023	\$11,800	2	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%	0-2	\$3,000	2035	* *	4	\$400	
	Obsolete Equipment, Extent : Severe, Area Affected : 100%								
	Location : Basement								
	Sewage Ejector(s)								
	Electric	100%	0-2	\$5,600	2035	* *	4	\$800	
	Obsolete Equipment, Extent : Severe, Area Affected : 100%								
	Location : Basement								
	Fixtures								
	Generic	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$57,700	\$39,900
Interior Architecture	\$230,800	
Electrical		\$232,800
Mechanical	\$106,700	\$195,900
<b>Total</b>	<b>\$395,200</b>	<b>\$468,500</b>
Importance Code A	\$164,400	\$39,900
Importance Code B	\$165,700	\$428,600
Importance Code C	\$65,200	
<b>Total</b>	<b>\$395,200</b>	<b>\$468,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$49,700		\$1,100	
Interior Architecture	\$68,800		\$600	\$6,000
Electrical	\$41,100		\$100	\$100
Mechanical	\$9,200	\$2,100	\$16,700	\$2,100
Site Pavements	\$16,000			
<b>Total</b>	<b>\$184,800</b>	<b>\$2,100</b>	<b>\$18,500</b>	<b>\$8,300</b>
Importance Code A	\$49,700	\$1,600	\$2,700	\$1,600
Importance Code B	\$102,700	\$500	\$15,800	\$6,700
Importance Code C	\$32,400			
<b>Total</b>	<b>\$184,800</b>	<b>\$2,100</b>	<b>\$18,500</b>	<b>\$8,300</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**  
**Asset # : 227**

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	5%			LIFE	**	5	\$2,600	
	Masonry: Fieldstone	15%			LIFE	**	5	\$6,000	
	Masonry: Granite	65%			LIFE	**	5	\$25,800	
	Wood	15%	Now	\$57,700	2033	**	5	\$9,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 60%									
Location : Conservatory Addition									
Paint Peeling, Extent : Moderate, Area Affected : 50%									
Location : Conservatory Addition									
Split/Cracked, Extent : Moderate, Area Affected : 20%									
Location : Conservatory Addition									
Windows									
	Metal Louvers	5%			2031	**	10	\$1,100	
	Wood	70%	0-2	\$20,300	2036	**	5	\$12,400	
Recent Repair Evident, Extent : Light, Area Affected : 50%									
Location : North And East Facing Windows									
Repairs in Progress, Extent : Light, Area Affected : 25%									
Location : West (Entry) Façade And Basement Windows									
Other Observation, Extent : Light, Area Affected : 50%									
Location : North And East Facing Windows									
Explanation : Storm Windows - Double Layer									
	Wood	25%	0-2	\$5,400	2036	**	5	\$4,400	
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Conservatory And Attic Transom Windows									
Paint Peeling, Extent : Moderate, Area Affected : 15%									
Location : Transom Windows At Conservatory And Attic									
Split/Cracked, Extent : Light, Area Affected : 20%									
Location : Transom Windows At Conservatory And Attic									
Parapets									
	Metal Rail	5%	Now	\$300	2033	**	5	\$300	
Corrosion/Rusting, Extent : Severe, Area Affected : 15%									
Location : 2nd Floor Window Balconies									
	Wood Cornice	95%			2038	**	5-10	\$9,900	
Recent Repair Evident, Extent : Light, Area Affected : 100%									
Location : Wood Cornice									
Roof									
	Copper/Terne	100%			2043	**	10	\$39,900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Lead Coated									
Soffits									
	Cast Iron	100%			LIFE	**	10	\$6,500	
Other Observation, Extent : Light, Area Affected : 100%									
Location : West And East Facades									
Explanation : Decorative Metal Balconies									

Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**  
**Asset # : 227**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Carpet	50%			2024	\$201,900	3	\$24,200	
	Ceramic Tile	5%			2031	**	5	\$1,200	
	Sheet Vinyl/Rubber	10%	Now	\$78,200	2038	**	5	\$1,800	
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : Kitchen And Pantry Area - North Wing									
	Wood	35%	Now	\$30,400	2031	**	5	\$7,900	
Deflection Evident, Extent : Severe, Area Affected : 10%									
Location : South East Window - Lannumluer Room									
Interior Walls									
	Plaster	20%	Now	\$65,200	LIFE	**	5	\$2,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : Basement And Attic									
Cracking/Crumbling, Extent : Severe, Area Affected : 50%									
Location : Basement And Attic									
Water Penetration, Extent : Moderate, Area Affected : 50%									
Location : Basement									
	Plaster	80%			LIFE	**	5-10	\$25,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%									
Location : Lannumluer Bedroom - South East Corner									
Ceilings									
	Exposed Struc: Wood	15%	Now	\$42,800	LIFE	**			
Diagonal Cracks, Extent : Moderate, Area Affected : 10%									
Location : Attic Space - South Side Of Transom Window									
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%									
Location : Transom Ceiling - Attic									
Misaligned/Bulging, Extent : Severe, Area Affected : 15%									
Location : Basement - South East Window Bay									
	Plaster	15%	Now	\$44,700	LIFE	**	5	\$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%									
Location : Basement									
Cracking/Crumbling, Extent : Moderate, Area Affected : 35%									
Location : Basement And Attic									
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : Kitchen And Pantry Area (North Wing)									
	Plaster	70%			LIFE	**	5-10	\$25,000	
Site Enclosure									
Fence/Gates									
	Iron Picket	100%			2048	**			
Free Standing Walls									
	Masonry: Brick	10%			2038	**			
	Masonry: Fieldstone	90%			2038	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Rear Garden									
Explanation : Garden Walls Are Landmarked									

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

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

Site Pavements

On-Site Walkways

Asphalt

30%

2031

\*\*

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

*Location : Rear Yard*

*Explanation : Element Actually Crushed Gravel*

Pavers/Stone

70%

2031

\*\*

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

*Location : Rear Yard*

*Explanation : Ashlar Granite Pavers On Pation And Walkways*

Parking/Driveway

Asphalt

100%

0-2

\$16,000

2031

\*\*

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

*Location : At Main Entrance*

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100%

2028

\$1,600

5

\$100

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

*Location : Basement*

*Explanation : Two 200 Amperes Main Disconnect Switch*

Raceway

Conduit

100%

2028

\$34,200

1

Panelboards

Fused Disc Sw

10%

2027

\$1,600

5

Fused Knife Sw

40%

2-4

\$6,500

2053

\*\*

5

\$100

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

*Location : Closet Room 2nd Floor*

Molded Case Bkrs

40%

2027

\$6,500

5

\$200

Molded Case Bkrs

10%

2036

\*\*

5

Wiring

Braided Cloth

65%

Now

\$19,700

2053

\*\*

1

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

*Location : Throughout The Building*

Thermoplastic

25%

2028

\$7,600

1

Thermoplastic

10%

2038

\*\*

1

Motor Controllers

Locally Mounted

100%

2026

\$33,000

5

\$100

Ground

Grounding Devices

Generic

100%

0-2

\$10,400

LIFE

\*\*

5

\$200

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

*Location : Water Main Basement*

*Explanation : Corroded*

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**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**  
**Asset # : 227**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	30%			2023	\$52,900	10	\$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Office, Kitchen, First Floor And Basement									
Explanation : T-12 Lamps									
	Incandescent	70%			2023	\$123,400	2	\$300	
	Exterior Lighting								
	Incandescent	100%			2023	\$56,400	2		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2038	* *	5	\$5,000	
	Conversion Equipment								
	Steam Boiler	100%	0-2	\$106,700	2048	* *	1	\$14,400	
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Basement Boiler Room							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 Units, One In Reserve							
	Distribution								
	Steam Piping/Pump	100%			2028	\$72,900			
	Terminal Devices								
	Convactor/Radiator	100%			2033	* *	1	\$5,200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Window/Wall Unit	10%			2023	\$3,400	1		
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	0-2	\$6,100	2028	\$122,900	1		
		Corroded, Extent : Severe, Area Affected : 5%							
		Location : Water Main, Basement							
	Water Heater								
	Electric	100%			2021	\$14,500	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Non-Submersible	100%	0-2	\$2,500	2038	* *	4	\$300	
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Basement							

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**  
**PELHAM BAY PARK BARTOW PELL MANSION - 0005**

**Asset # : 227**

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

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$2,050,400	\$139,100
Interior Architecture	\$185,100	
Electrical	\$101,800	\$2,601,200
Mechanical	\$1,395,900	\$1,285,000
Site Enclosure	\$421,400	
Site Pavements	\$89,300	
<b>Total</b>	<b>\$4,243,900</b>	<b>\$4,025,300</b>
Importance Code A	\$2,050,400	\$713,300
Importance Code B	\$1,497,700	\$3,312,000
Importance Code C	\$695,800	
<b>Total</b>	<b>\$4,243,900</b>	<b>\$4,025,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$40,100			
Interior Architecture	\$58,700			\$4,500
Electrical	\$50,000	\$14,800	\$15,600	\$19,400
Mechanical	\$7,600	\$2,900		\$2,900
Site Enclosure	\$29,400			
<b>Total</b>	<b>\$185,800</b>	<b>\$17,700</b>	<b>\$15,600</b>	<b>\$26,900</b>
Importance Code A	\$40,100	\$2,900		\$2,900
Importance Code B	\$113,200	\$14,800	\$15,600	\$21,700
Importance Code C	\$32,500			\$2,200
<b>Total</b>	<b>\$185,800</b>	<b>\$17,700</b>	<b>\$15,600</b>	<b>\$26,900</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**  
**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	\$185,200	LIFE	* *	5	\$30,100	
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Colonnades - 2nd Floor								
Spalling, Extent : Severe, Area Affected : 35%								
Location : Colonnades - 2nd Floor								
Glazed Ceramic Panel	3%	Now	\$41,900	LIFE	* *	5	\$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Dressing Areas And Colonnades Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Dressing Areas								
Masonry: Brick	5%	Now	\$99,100	LIFE	* *	5	\$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Dressing Areas - South Courtyard								
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Dressing Areas - South Courtyard								
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Dressing Areas - South Courtyard								
Masonry: Brick	10%			LIFE	* *	5	\$12,000	
Masonry: Limestone	20%	Now	\$430,500	LIFE	* *	5	\$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 25%								
Location : Outside Old Boiler Room And Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 30%								
Location : North And South Wings								
Metal Sect. OHD	12%			2033	* *	5	\$22,600	
Not Accessible	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Facility In Severe Disrepair.								
access Prohibited By Fences And Scaffolding								

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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

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									
	Windows								
	Metal Louvers	10%	Now	\$97,400	2043	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Old Boiler Room							
		Deformed/Dented, Extent : Moderate, Area Affected : 50%							
		Location : Old Boiler Room							
		Deteriorated Finish, Extent : Light, Area Affected : 100%							
		Location : Old Boiler Room							
	Steel	10%	Now	\$170,600	2053	* *	5	\$18,700	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : At Offices							
		Deteriorated Finish, Extent : Moderate, Area Affected : 100%							
		Location : At Offices							
		Unit Inoperable, Extent : Moderate, Area Affected : 50%							
		Location : Offices							
	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**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

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									
	Parapets								
	Glazed Ceramic Panel	5%	Now	\$40,100	2058	* *	5	\$1,200	
		Broken/Missing Elements, Extent : Severe, Area Affected : 50%							
		Location : At Restrooms On Boardwalk Level							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : At Restrooms On Boardwalk Level							
		Explanation : Netting In Place							
	Masonry: Brick	7%	Now	\$16,900	LIFE	* *	5	\$1,300	
		Efflorescence, Extent : Moderate, Area Affected : 50%							
		Location : Elevated Central Plaza - East Wall							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Elevated Central Plaza - East Wall							
		Worn/Eroded, Extent : Moderate, Area Affected : 50%							
		Location : Elevated Central Plaza - East Wall							
	Masonry: Limestone	8%	Now	\$52,600	LIFE	* *	5	\$1,900	
		Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
		Location : At Stairs And Balcony Flanking Central Elevated Plaza							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : At Stairs And Balcony Flanking Central Elevated Plaza							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Coping At Central Elevated Plaza							
	Metal Rail	5%	Now	\$17,200	2033	* *	5	\$6,800	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 30%							
		Location : 2nd Floor Colonnades							
		Loose/Miss Fasteners, Extent : Moderate, Area Affected : 50%							
		Location : 2nd Floor Colonnades							
	Not Accessible	75%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Facility In Severe Disrepair. Access Prohibited By Fences Scaffolding And Netting							
Roof									
	Plaza Roof: Stone Panels	10%			2038	* *			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Elevated Plaza On Central Axis With Flanking Stairs							
		Explanation : Concession Areas Below Not Accessible							
	Wood Shingles	5%	Now	\$77,300	2043	* *			
		Dry Rot/Decay, Extent : Severe, Area Affected : 100%							
		Location : Remnant Dressing Areas In South Courtyard							
	Not Accessible	85%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Facility In Severe Disrepair. Access Prohibited By Fences And Scaffolding							

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

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

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									
Soffits									
	Cast in Place Concrete	100%	Now	\$855,900	LIFE	* *	5	\$139,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Overhangs At Abandoned Concessions Throughout									
Paint Peeling, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 50%									
Location : Overhangs At Abandoned Concessions Throughout									
Interior									
Floors									
	Cast in Place Concrete	10%	Now	\$9,600	LIFE	* *	5	\$9,200	
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : Old Boiler Room - 1st Floor									
Worn/Eroded, Extent : Severe, Area Affected : 20%									
Location : Old Boiler Room - 1st Floor									
	Ceramic Tile	10%			2037	* *	5	\$4,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Restrooms - Boardwalk Level									
	Vinyl Tile	3%	Now	\$11,700	2038	* *	3	\$500	
Worn/Eroded, Extent : Severe, Area Affected : 50%									
Location : Offices - 2nd Floor South Wing									
	Not Accessible	77%							
Other Observation, Extent : Light, Area Affected : 0%									
Location : Throughout									
Explanation : Facility In Severe Disrepair.									
Interior Walls									
	Cast in Place Concrete	10%	Now	\$185,100	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Water Penetration, Extent : Severe, Area Affected : 15%									
Location : Old Boiler Room									
	Ceramic Tile	5%			2037	* *	5	\$4,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%									
Location : Bathrooms At Boardwalk Level									
	Plaster	8%	Now	\$3,100	LIFE	* *	5	\$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : 2nd Floor Offices - South Wing									
	Not Accessible	77%							

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	AcousTileSusp.Lay-In	3%			2033	**	5	\$1,300	
	Exposed Concrete	10%	Now	\$29,600	LIFE	**	5	\$700	
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
	Location : Old Boiler Room - 1st Floor								
	Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
	Location : Old Boiler Room - 1st Floor								
	Water Penetration, Extent : Severe, Area Affected : 25%								
	Location : Old Boiler Room - 1st Floor								
	Other Observation, Extent : Severe, Area Affected : 25%								
	Location : Old Boiler Room - 1st Floor								
	Explanation : Fire Damage								
	Plaster	10%			LIFE	**	5-10	\$7,300	
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Restrooms At Boardwalk Level								
	Not Accessible	77%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Throughout								
	Explanation : Facility In Severe Disrepair. Access Restricted By Fences And Scaffolding								
Site Enclosure									
	Fence/Gates								
	Chain link	100%	Now	\$29,400	2038	**			
	Impact Damage, Extent : Moderate, Area Affected : 20%								
	Location : Perimeter Fence Adjacent To Ramp - South West Side								
	Free Standing Walls								
	Masonry: Brick	90%	Now	\$421,400	2038	**			
	Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
	Location : Walls Adjacent To Bathrooms At Boardwalk Level								
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Perimeter Walls Throughout								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : Various Locations Throughout								
	Not Accessible	10%							
Site Pavements									
	On-Site Walkways								
	Pavers/Stone	100%	Now	\$89,300	2031	**			
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
	Location : Stairs Flanking Elevated Plaza								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Elevated Central Plaza And Stairs								
	Explanation : Component Actually Granite Panels								

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

Site Pavements

Parking/Driveway

Cast in Place Concrete

50%

2033

\*\*

*Cracking/Crumbling, Extent : Severe, Area Affected : 100%*

*Location : South West Ramp To Old Boiler Room, North Courtyard*

Pavers/Stone

50%

2031

\*\*

*Cracking/Crumbling, Extent : Severe, Area Affected : 100%*

*Location : North Courtyard*

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

Under 600 Volts

Service Equipment

Molded Case Bkrs

100%

2038

\*\*

5

\$4,200

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

*Location : Electrical Room First Floor*

*Explanation : One 1600 Amperes Main Disconnect Switch*

Switchgear / Switchboard

Molded Case Bkrs

100%

2038

\*\*

5

\$4,200

Raceway

Conduit

75%

2028

\$18,400

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

\$48,900

5

\$3,100

Molded Case Bkrs

10%

2036

\*\*

5

\$400

Molded Case Bkrs

5%

2044

\*\*

5

\$200

Wiring

Braided Cloth

55%

Now

\$29,600

2053

\*\*

1

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

*Location : Throughout The Building*

Thermoplastic

40%

2038

\*\*

1

Thermoplastic

5%

2048

\*\*

1

Motor Controllers

Locally Mounted

100%

2026

\$125,600

5

\$1,100

Ground

Grounding Devices

Generic

100%

LIFE

\*\*

5

\$4,700

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**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	70%			2023	\$265,100	10	\$101,800	
		Other Observation, Extent : Moderate, Area Affected : 99%							
		Location : Throughout							
		Explanation : Using T-12 Lamps							
	Fluorescent	20%			2033	* *	10	\$29,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Police Station And Offices							
		Explanation : Using T-8 Lamps							
	Fluorescent	10%			2033	* *	10	\$14,500	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Bathhouse And Locker Room							
Exterior Lighting									
	HID	50%			2023	\$326,600	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	\$1,791,300	1-3	\$100,700	
		<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>							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	20%			2038	* *	1		
	No Component	80%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Building 80% Abandoned							
	Conversion Equipment								
	Radiant Heater	20%			2028	\$574,200	2	\$14,700	
	No Component	80%							
Air Conditioning									
	Energy Source								
	Electricity	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**  
**PELHAM BAY PARK ORCHARD BEACH BATHHOUSE - 0046**  
**Asset # : 229**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	10%			2023	\$33,800	1		
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2026	\$710,800	1		
	Water Heater								
	Electric	100%			2021	\$142,700	4	\$1,400	
	Sanitary Piping								
	Cast Iron	100%	Now	\$1,185,600	LIFE	* *	1		
		Broken, Extent : Severe, Area Affected : 80%							
		Location : Water Flooding In The Old Boiler Room.							
	Storm Drain Piping								
	Cast Iron	100%	Now	\$67,500	LIFE	* *	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 20%							
		Location : The Driveway To The Old Boiler Room							
	Sump Pump(s)								
	Submersible	100%			2019	\$5,500	4	\$5,000	
	Fixtures								
	Generic	100%							
		Obsolete Fixtures, Extent : Severe, Area Affected : 100%							
		Location : Throughout, Except The Beach 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$63,100	
<b>Total</b>	<b>\$63,100</b>	
Importance Code C	\$63,100	
<b>Total</b>	<b>\$63,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$50,600		\$5,200	
Interior Architecture	\$66,800		\$2,500	\$2,000
Electrical	\$1,900	\$1,500	\$1,900	\$1,500
Mechanical	\$10,000	\$3,000	\$4,400	\$2,700
<b>Total</b>	<b>\$129,400</b>	<b>\$4,500</b>	<b>\$13,900</b>	<b>\$6,200</b>
Importance Code A	\$51,900	\$1,300	\$6,500	\$1,300
Importance Code B	\$63,200	\$3,200	\$7,400	\$4,900
Importance Code C	\$14,300			
<b>Total</b>	<b>\$129,400</b>	<b>\$4,500</b>	<b>\$13,900</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**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**  
**Asset # : 228**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	80%			LIFE	**	5	\$48,900	
	Masonry: Marble	10%			LIFE	**	5	\$4,600	
	Wood	10%			2033	**	5	\$15,300	
Windows									
	Wood	65%			2044	**	5	\$19,500	
	Wood	20%			2036	**	5	\$6,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor							
		Explanation : Circular Windows							
	Wood	15%			2036	**	5	\$4,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : First Floor, Entry Facade							
		Explanation : Wood Shutters							
Parapets									
	Metal Panel	20%	Now	\$9,200	2048	**	5	\$2,300	
		Deformed/Dented, Extent : Moderate, Area Affected : 15%							
		Location : Lower Roofs							
		Seams Open/Split, Extent : Moderate, Area Affected : 20%							
		Location : Upper Roof							
	Metal Rail	50%	Now	\$4,900	2033	**	5	\$21,200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Post Anchors Missing							
		Corrosion/Rusting, Extent : Light, Area Affected : 15%							
		Location : Lower Roofs							
	No Component	30%							
Roof									
	Single Ply Membrane	100%			2033	**	10	\$17,600	
		Drains Clogged, Extent : Moderate, Area Affected : 15%							
		Location : East Roof							
Interior									
Floors									
	Carpet	10%			2024	\$33,300	3	\$5,200	
	Cast in Place Concrete	20%			LIFE	**	5	\$22,900	
	Ceramic Tile	5%			2037	**	5	\$1,300	
	Panel/Paver: Bluestone	35%			LIFE	**	5	\$13,700	
	Quarry Tile	5%			2041	**	5	\$2,000	
	Vinyl Tile	25%			2033	**	3	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**  
**Asset # : 228**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	\$63,100	LIFE	**			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Foundation Walls At Water Main And Golf Storage								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Foundation Wall - South Facade @ Electrical Panel And Golf Storage								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement - South Facade								
Explanation : Water Penetration Causing Short In Electrical Supply To Parking Lot Lighting								
Fiberglass Panel	5%			LIFE	**	10	\$300	
Gypsum Board	20%			LIFE	**	5-10	\$8,500	
Granite Panels	10%			LIFE	**	10	\$1,000	
Plaster	50%			LIFE	**	5-10	\$10,600	
SGFT/Glazed Masonry	5%			LIFE	**	10	\$600	
Ceilings								
AcousTileSusp.Lay-In	5%			2041	**	5	\$1,300	
Exposed Concrete	25%			LIFE	**	5-10	\$8,200	
Gypsum Board	20%			LIFE	**	5-10	\$18,000	
Plaster	50%			LIFE	**	5-10	\$22,500	
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2048	**			
Site Pavements								
Parking/Driveway								
Asphalt	50%			2031	**			
Pavers/Stone	50%			2031	**			

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2048	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room Basement							
		Explanation : One 800 Amperes And One 400 Amperes Main Disconnect Switch							
Transformers									
	Dry Type	100%			2041	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room Basement							
		Explanation : One 14 Kva 480hv-208/120lv							
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2048	* *	5	\$400	
Raceway									
	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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	10%			2044	**	5		
	Molded Case Bkrs	90%			2044	**	5	\$400	
Wiring									
	Thermoplastic	100%			2048	**	1		
Motor Controllers									
	Locally Mounted	100%			2041	**	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$500	
Lighting									
Interior Lighting									
	Fluorescent	5%			2033	**	10	\$800	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : First Floor							
		T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Lobby							
	Fluorescent	70%			2033	**	10	\$11,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Incandescent	25%			2033	**	2	\$100	
Egress Lighting									
	Emergency, Battery	50%			2033	**	10	\$2,100	
	Exit, LED	50%			2056	**	1		
Exterior Lighting									
	HID	80%			2033	**	10		
	Incandescent	20%			2033	**	2		
Alarm									
Security System									
	Generic	100%			2033	**	1	\$5,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Inside And Outside Of The Building							
		Explanation : Total Of 16 CCTV Surveillance Camera							
Fire/Smoke Detection									
	Generic, Digital	100%			2033	**	1-3	\$9,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Consist Of Strobe Lights, Smoke Detector, Horn, Bell And Pullbox							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2048	* *	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**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**  
**Asset # : 228**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	50%			2033	**	1	\$4,300	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Roof							
		Explanation : 2 Roof Top Package Units							
	Steam Boiler	50%			2041	**	1	\$8,700	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Basement							
		Explanation : 1 Unit							
Distribution									
	Steam Piping/Pump	50%			2048	**			
	No Component	50%							
Terminal Devices									
	Air Handler	35%			2033	**	1	\$3,800	
	Convactor/Radiator	10%			2041	**	1	\$600	
	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	
		R-22 Refrigerant, Extent : Light, Area Affected : 30%							
		Location : Roof							
	Ext Pkg Unit - Heating/Cooling	70%			2033	**	2	\$800	
		Other Observation, Extent : Light, Area Affected : 70%							
		Location : Roof							
		Explanation : 2 Roof Top Package Units. R-22							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$15,400	
	Exhaust Fans								
	Interior	30%			2033	**	2	\$200	
	Roof	70%			2033	**	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2048	**	1		
	Water Heater								
	Gas Fired	100%			2026	\$10,000	2	\$300	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%	Now	\$1,700	LIFE	**	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 10%							
		Location : Basement							

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**  
**PELHAM BAY PARK SPLIT ROCK CLUBHOUSE - 0007**

**Asset # : 228**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing								
	Sewage Ejector(s)							
	Electric	100%		2033	* *	4	\$600	
	Fixtures							
	Generic	100%						
Fire Suppression								
	Sprinkler							
	Generic	100%		2048	* *	1-2	\$4,900	
	Chemical System							
	Generic	100%		2026	\$1,900	1-3	\$3,700	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$15,100		\$2,200	
Interior Architecture	\$7,200		\$500	
Electrical	\$500	\$200	\$200	\$200
Mechanical	\$200	\$300	\$200	\$300
Site Enclosure	\$22,300			
<b>Total</b>	<b>\$45,300</b>	<b>\$400</b>	<b>\$3,200</b>	<b>\$500</b>
Importance Code A	\$15,300	\$200	\$2,400	\$200
Importance Code B	\$8,500	\$200	\$800	\$300
Importance Code C	\$21,500			
<b>Total</b>	<b>\$45,300</b>	<b>\$400</b>	<b>\$3,200</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 &amp; RECREATION - 846

## POE COTTAGE

Asset # : 13868

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	8%	4+	\$1,200	LIFE	**	5	\$2,000	
Vegetation Growth, Extent : Light, Area Affected : 25%									
Location : At Base Of Building									
	Masonry: Brick	2%			LIFE	**	5	\$200	
	Wood	90%			2033	**	5	\$22,500	
Windows									
	Wood	100%			2036	**	5	\$3,000	
Roof									
	Wood Shingles	80%			2031	**	10	\$800	
	Wood Shingles	20%	Now	\$13,700	2043	**			
Vegetation Growth, Extent : Severe, Area Affected : 100%									
Location : Lean To Addition									
Interior									
Floors									
	Cast in Place Concrete	3%			LIFE	**	5	\$400	
	Panel/Paver: Bluestone	5%			LIFE	**	5	\$200	
	Vinyl Tile	2%			2028	\$500	3		
	Wood	70%			2043	**	5	\$3,800	
	Wood	20%			2056	**	5	\$1,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Caretaker Residence									
Interior Walls									
	Gypsum Board	10%			LIFE	**	5-10	\$200	
	Plaster	30%			LIFE	**	5-10	\$300	
	Wood	60%			LIFE	**	5	\$5,500	
Ceilings									
	Gypsum Board	20%			LIFE	**	5-10	\$2,000	
	Plaster	80%			LIFE	**	5-10	\$4,000	
Site Enclosure									
Fence/Gates									
	Iron Picket	100%	Now	\$18,500	2048	**			
Corrosion/Rusting, Extent : Severe, Area Affected : 30%									
Location : At Post Anchor Points - Perimeter									
Retaining Walls									
	Cast in Place Concrete	100%	Now	\$3,800	2048	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Base Of Perimeter Fence - Various Locations Throughout									
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	

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. 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		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
	Service Equipment							
	Fused Disc Sw	100%		2038	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 100 Amperes.								
	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	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Metal Water Pipe.								
Lighting								
	Interior Lighting							
	Fluorescent	15%		2023	\$700	10	\$300	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Basement And 2nd Floor								
	Incandescent	85%		2023	\$9,400	2		
Alarm								
	Security System							
	Generic	100%		2028	\$6,400	1	\$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion Alarm Only; Motion Sensors								
	Fire/Smoke Detection							
	Generic, Digital	100%		2028	\$21,900	1-3	\$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Strobe Light, Bells, Manual Pull Station, Smoke Detector								

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2048	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2033	* *	1	\$1,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : One 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.

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

## POE COTTAGE

Asset # : 13868

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	100%			2038	* *	4	\$100	
Terminal Devices								
Convactor/Radiator	65%			2033	* *	1	\$400	
Unit Heater - Steam	20%			2028	\$1,400	4	\$100	
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Window/Wall Unit	15%			2023	\$600	1		
No Component	85%							
Ventilation								
Exhaust Fans								
Wall Unit	10%			2028	\$100	2		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Wall Mounted Kitchen Exhaust Fan.								
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2048	* *	1		
Galvanized Steel	90%			2033	* *	1		
Water Heater								
Gas Fired	100%			2023	\$1,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,900			
Interior Architecture	\$42,000			\$1,000
Electrical	\$12,000	\$200	\$100	\$100
Mechanical	\$2,900	\$500	\$1,000	\$500
Site Pavements	\$15,000			
<b>Total</b>	<b>\$92,800</b>	<b>\$700</b>	<b>\$1,100</b>	<b>\$1,600</b>
Importance Code A	\$22,300	\$200	\$200	\$200
Importance Code B	\$46,200	\$500	\$900	\$1,100
Importance Code C	\$24,300			\$400
<b>Total</b>	<b>\$92,800</b>	<b>\$700</b>	<b>\$1,100</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**  
**POE PARK VISITOR CENTER**  
**Asset # : 14711**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Metal Panel	1%			2048	**	5-10	\$700	
	Slate Panels	94%			LIFE	**	5	\$14,800	
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : At Grade - Base Of Building							
		Explanation : Caulking Deteriorated							
	Wood	5%	4+	\$2,700	2041	**	5	\$1,300	
		Worn/Eroded, Extent : Light, Area Affected : 20%							
		Location : Window Frames							
Windows									
	Aluminum	95%			2044	**	5	\$900	
	Metal Louvers	5%			2037	**	10	\$300	
Roof									
	Metal Panel	85%	Now	\$9,500	2041	**			
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : West Facade At Low Point Of Seam Bisecting Faceted Roof							
	Modified Bitumen	15%	Now	\$900	2033	**			
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : North West Corner At Stair To Basement							
Interior									
Floors									
	Cast in Place Concrete	80%			LIFE	**	5	\$20,800	
	Ceramic Tile	20%			2037	**	5	\$1,200	
Interior Walls									
	Cast in Place Concrete	35%			LIFE	**	10	\$13,300	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Basement Area Adjacent To Stair							
	Ceramic Tile	5%			2037	**	5	\$800	
	Gypsum Board	60%			LIFE	**	5-10	\$15,500	
Ceilings									
	Exposed Struc: Steel	40%			LIFE	**	10	\$4,700	
	Gypsum Board	60%	Now	\$3,600	LIFE	**	5	\$4,400	
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : In Corridor Leading To Male Bathroom							
Site Enclosure									
Fence/Gates									
	Iron Picket	100%			2063	**			
Site Pavements									
Public Sidewalk									
	Cast in Place Concrete	100%	Now	\$14,000	2041	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 35%							
		Location : Sidewalk Area Adjacent To Grand Concourse							

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

## 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	

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

Estimates are rounded to the nearest hundred dollars.

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

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

## Alarm

Security System  
Generic

100% Now \$12,000 2038 \* \* 1 \$1,300  
*Not in Service, Extent : Light, Area Affected : 100%*  
*Location : 1st Floor*

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

## Heating

Energy Source

Natural Gas

100% 2048 \* \* 1

Conversion Equipment

Hot Water Boiler

100% Now \$1,400 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 \$2,400

No Component

30%

Exhaust Fans

Interior

70% 2033 \* \* 2 \$100

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.*

**DEPT. OF PARKS & RECREATION - 846**  
**POE PARK VISITOR CENTER**  
**Asset # : 14711**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			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%							
Fire Suppression									
	Sprinkler								
	No Component	60%							
	Generic	40%			2048	* *	1-2	\$500	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 6,050 **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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$188,300	\$165,600
Electrical		\$68,300
Mechanical		\$39,600
<b>Total</b>	<b>\$188,300</b>	<b>\$273,500</b>
Importance Code A	\$188,300	\$165,600
Importance Code B		\$107,900
<b>Total</b>	<b>\$188,300</b>	<b>\$273,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$18,900			\$1,800
Interior Architecture	\$28,100		\$1,400	\$300
Electrical	\$600	\$700	\$600	\$600
Mechanical	\$2,400	\$700	\$6,000	\$800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$53,900</b>	<b>\$5,400</b>	<b>\$12,000</b>	<b>\$7,400</b>
Importance Code A	\$19,100	\$300	\$300	\$2,100
Importance Code B	\$34,700	\$5,000	\$11,700	\$5,300
Importance Code C				
<b>Total</b>	<b>\$53,900</b>	<b>\$5,400</b>	<b>\$12,000</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**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

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 Stone/Terra Cotta	97%	2-4	\$188,300	LIFE	* *	5	\$165,600	
		Paint Peeling, Extent : Moderate, Area Affected : 15%							
		Location : Various Locations							
		Staining/Discoloring, Extent : Moderate, Area Affected : 15%							
		Location : Various Locations							
	Masonry: Granite	3%			LIFE	* *	5	\$500	
Windows									
	Wood	100%			2042	* *	5	\$3,500	
Parapets									
	Cast Stone/Terra Cotta	85%	2-4	\$8,700	LIFE	* *	5	\$7,900	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
		Location : Cornice							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Cornice							
		Vegetation Growth, Extent : Moderate, Area Affected : 15%							
		Location : Cornice							
	Metal Rail	15%			2043	* *	5-10	\$3,200	
Roof									
	Built-Up (BUR)	25%	2-4	\$800	2034	* *			
		Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
	Clay Tile	50%	Now	\$2,200	2046	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 15%							
		Location : East Side Roof Edge Above A/ C Units							
	Plaza Roof: Stone Panels	25%	2-4	\$7,200	2052	* *			
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Throughout 2nd Floor Balcony							
		Explanation : Pavers Cracking/popping							

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**  
**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	
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$2,700	LIFE	**	5	\$2,100	
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 85%								
Location : Throughout								
Ceramic Tile	10%			2029	**	5	\$1,000	
Cork Tile	5%			2052	**	5	\$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stage Area / First Floor								
Explanation : Cork Surface								
Panel/Paver: Cer/Brk	45%			2034	**	5	\$9,800	
Sheet Vinyl/Rubber	10%			2034	**	5	\$1,500	
Vinyl Tile	5%	Now	\$4,500	2036	**	3	\$200	
Worn/Eroded, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	15%			2041	**	5	\$2,700	
Interior Walls								
Cast Stone/Terra Cotta	50%			LIFE	**			
Ceramic Tile	5%			2035	**	5	\$100	
Masonry: Brick	15%			LIFE	**			
Granite Panels	5%			LIFE	**			
Plaster	25%			LIFE	**	5	\$100	
Ceilings								
AcousTileSusp.Lay-In	5%			2039	**	5	\$500	
Masonry: Infill Arch	60%	Now	\$14,500	LIFE	**			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : First Floor North And South Sides								
Plaster	35%			LIFE	**	5	\$2,100	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
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 Electrical Service Rated @ 800 Amperes</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	* *	5		
Raceway								
Conduit	100%			2036	* *	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	2%			2034	**	5		
	Molded Case Bkrs	98%			2034	**	5	\$200	
Wiring									
	Thermoplastic	100%			2036	**	1		
Motor Controllers									
	Locally Mounted	100%			2031	**	5		
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$100	
Lighting									
Interior Lighting									
	Fluorescent	5%			2026	\$800	10	\$300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Bathroom, Electrical Room And Boiler Room									
Explanation : T-8 Lamps									
	Fluorescent	90%			2026	\$13,900	10	\$5,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Incandescent	5%			2026	\$1,800	2		
Egress Lighting									
	Emergency, Battery	50%			2026	\$4,800	10	\$800	
	Exit, Battery	50%			2026	\$3,200	10	\$200	
Exterior Lighting									
	Fluorescent	50%			2026	\$10,600	10	\$300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Outside									
	HID	50%			2026	\$12,500	10		
Alarm									
Security System									
	Generic	100%			2026	\$20,000	1	\$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Inside And Outside									
Explanation : C C T V Surveillance Cameras									
Fire/Smoke Detection									
	Generic, Digital	100%			2026	\$68,300	1-3	\$3,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Alarm Bells, Manual Pull Stations, Horns, Smoke Detectors									

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

Heating

*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 BOATHOUSE - 0012**  
**Asset # : 1057**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	10%			2036	**	1		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 2nd Floor							
		Explanation : Baseboard Electric Radiant							
	Natural Gas	90%			2036	**	1		
Conversion Equipment									
	Hot Water Boiler	90%			2031	**	1	\$2,900	
		Other Observation, Extent : Light, Area Affected : 90%							
		Location : Boiler Room							
		Explanation : 1 Boiler							
	Radiant Heater	10%			2026	\$11,700	2	\$300	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 2nd Floor							
		Explanation : 4 Units							
Distribution									
	Hot Wtr Piping/Pump	90%			2034	**	4	\$300	
	No Component	10%							
Terminal Devices									
	Convactor/Radiator	50%			2031	**	1	\$1,000	
	Fan Coil Unit/Heat	40%			2026	\$39,600	1	\$800	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Not Accessible, At Two Sides Of First Floor Ceiling							
		Explanation : Forced Air System Working Off Boiler Piping System							
	No Component	10%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	**	1		
Conversion Equipment									
	Window/Wall Unit	10%			2021	\$1,400	1		
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	10%			LIFE	**	2-5	\$400	
	No Component	90%							
Exhaust Fans									
	Interior	10%			2026	\$2,300	2		
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	**	1		
Water Heater									
	Gas Fired	100%			2021	\$4,000	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 - 75 Gallon 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.

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOATHOUSE - 0012**  
**Asset # : 1057**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%	Now	\$1,800	2036	* *	4	\$200	
		Malfunctioning, Extent : Severe, Area Affected : 100%							
		Location : Underground In Court Yard							
		Obsolete Equipment, Extent : Severe, Area Affected : 100%							
		Location : Underground In Court Yard							
	Backflow Preventer								
	Generic	100%			2026	\$1,700	1	\$400	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1 To 2							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	No Component	50%							
	Generic	50%			2046	* *	1-2	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor Only							
		Explanation : Limited Coverage							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$59,000	
Interior Architecture		\$63,900
Electrical	\$42,900	
<b>Total</b>	<b>\$101,900</b>	<b>\$63,900</b>
Importance Code A	\$59,000	
Importance Code B	\$42,900	
Importance Code C		\$63,900
<b>Total</b>	<b>\$101,900</b>	<b>\$63,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,300		\$19,000	
Interior Architecture	\$21,100			
Electrical	\$400	\$400	\$31,500	\$400
<b>Total</b>	<b>\$65,700</b>	<b>\$400</b>	<b>\$50,500</b>	<b>\$400</b>
Importance Code A	\$44,300		\$19,000	
Importance Code B	\$400	\$400	\$31,500	\$400
Importance Code C	\$21,100			
<b>Total</b>	<b>\$65,700</b>	<b>\$400</b>	<b>\$50,500</b>	<b>\$400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CAROUSEL - 015B**  
**Asset # : 870**

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	8%	Now	\$8,500	LIFE	* *	5	\$3,400	
	Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
	Location : Exterior Perimeter Walls								
	Vegetation Growth, Extent : Moderate, Area Affected : 35%								
	Location : Foundation Walls								
	Masonry: Brick	50%	Now	\$28,300	LIFE	* *	5	\$4,300	
	Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Efflorescence, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
	Location : Above Foundation Wall At Corner Opposite Entrance								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
	Location : Corner Wall Opposite Entrance								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : Perimeter Walls At Corners								
	Metal Coiling Doors	37%	Now	\$59,000	2031	* *	5	\$5,000	
	Corrosion/Rusting, Extent : Light, Area Affected : 50%								
	Location : Various Locations								
	Paint Peeling, Extent : Moderate, Area Affected : 50%								
	Location : Various Locations								
	Wood	5%			2031	* *	5	\$2,100	
Windows									
	Wood	100%	0-2	\$7,500	2034	* *	5	\$18,400	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
	Location : Various Locations								
Roof									
	Copper/Terne	5%			2041	* *	10	\$1,200	
	Metal Panel	95%			2031	* *	10	\$16,700	
Interior									
Floors									
	Cast in Place Concrete	100%			LIFE	* *	5	\$11,200	

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK CAROUSEL - 015B**  
**Asset # : 870**

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

## Interior

## Interior Walls

Cast in Place Concrete      8%    Now      \$800    LIFE      \* \*

*Exposed Reinforcement, Extent : Moderate, Area Affected : 10%*

*Location : Footing Adjacent To Entrance*

*Vertical Cracks, Extent : Moderate, Area Affected : 20%*

*Location : Buttress Footings*

Folding Partition      27%    Now      \$12,800    2025      \$63,900    5      \$900

*Staining/Discoloring, Extent : Moderate, Area Affected : 100%*

*Location : All Doors*

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

*Location : Perimeter Openings*

*Explanation : Wood / Glass Partition Doors Used During Summer Months*

Masonry: Brick      65%    Now      \$7,500    LIFE      \* \*

*Efflorescence, Extent : Light, Area Affected : 30%*

*Location : Various Locations*

## Ceilings

Exposed Struc: Wood      100%      LIFE      \* \*

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

*Location : Various Locations*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw      100%      2026      \$1,600    5

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

*Location : 1st Floor*

*Explanation : Main Electrical Service Rated @ 200 Amperes*

## Raceway

Conduit      100%      2026      \$4,100    1

## Panelboards

Molded Case Bkrs      100%      2025      \$8,200    5      \$100

## Wiring

Thermoplastic      100%      2026      \$8,900    1

## Ground

## Grounding Devices

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

## Lighting

## Interior Lighting

HID      5%      2026      \$1,500    10

Incandescent      95%      2021      \$18,500    2      \$100

## 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**  
**PROSPECT PARK CAROUSEL - 015B**  
**Asset # : 870**

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

Alarm

Security System  
Generic

100%  
2021 \$12,500 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 \$42,900 1-3 \$2,300  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout*  
*Explanation : Pull Station And Bells*

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

Plumbing

H/C Water Piping  
Brass/Copper  
No Component

5%  
95%  
2036 \* \* 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$644,400	
Interior Architecture	\$312,500	
<b>Total</b>	<b>\$956,900</b>	
Importance Code A	\$644,400	
Importance Code B	\$312,500	
<b>Total</b>	<b>\$956,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$6,500			
Interior Architecture	\$17,400			
Electrical	\$300	\$300	\$300	\$300
Mechanical	\$600	\$400	\$17,200	\$400
<b>Total</b>	<b>\$24,700</b>	<b>\$600</b>	<b>\$17,500</b>	<b>\$700</b>
Importance Code A	\$6,800	\$300	\$16,500	\$300
Importance Code B	\$500	\$300	\$1,000	\$400
Importance Code C	\$17,400			
<b>Total</b>	<b>\$24,700</b>	<b>\$600</b>	<b>\$17,500</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**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**  
**Asset # : 182**

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	5%	Now	\$1,800	LIFE	**	5	\$500	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Wood	95%	Now	\$376,400	2031	**	5	\$25,900	1
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Underside Of Porch Ceiling							
		Dry Rot/Decay, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Staining/Discoloring, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
Windows									
	Wood	100%	Now	\$4,700	2042	**	5	\$5,700	
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Around Sills And Frames							
Roof									
	Wood Shingles	100%	Now	\$268,000	2041	**			1
		Dry Rot/Decay, Extent : Moderate, Area Affected : 80%							
		Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 75%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 40%							
		Location : Throughout Attic And Second Floor Rooms							
Interior									
	Floors								
	Wood	100%	Now	\$267,600	2041	**	5	\$11,200	
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Throughout Attic And 2nd Floor							
		Dry Rot/Decay, Extent : Moderate, Area Affected : 25%							
		Location : First Floor Beams							
		Poor Subfloor Evident, Extent : Severe, Area Affected : 25%							
		Location : 2nd Floor Beams Deflecting, Collapsing Plaster Ceiling Below							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : First Floor Beams							
		Staining/Discoloring, Extent : Moderate, Area Affected : 35%							
		Location : First Floor Beams							
		Uneven Surface, Extent : Severe, Area Affected : 15%							
		Location : Entry Foyer Floor Boards Cupping Due To Inability To Regulate Thermal Enviroment							

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

Estimates are rounded to the nearest hundred dollars.

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

**Interior**

**Interior Walls**

Masonry: Brick

10% Now \$1,400 LIFE \* \*

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%*

*Location : Attic Chimney*

*Worn/Eroded, Extent : Moderate, Area Affected : 30%*

*Location : Basement And Attic Chimney*

Plaster

90% Now \$16,000 LIFE \* \* 5 \$1,800

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

*Location : 2nd Floor Rooms*

*Cracking/Crumbling, Extent : Moderate, Area Affected : 35%*

*Location : Second Floor Bathroom And Various Locations Throughout*

*Paint Peeling, Extent : Moderate, Area Affected : 30%*

*Location : Various Locations Throughout*

**Ceilings**

Plaster

100% Now \$44,900 LIFE \* \* 5 \$6,500

*Cracking/Crumbling, Extent : Moderate, Area Affected : 35%*

*Location : Second Floor Bathroom And Various Other Locations*

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

*Location : Throughout First Floor Rooms*

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw

100% 2046 \* \* 5

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

*Location : Basement*

*Explanation : No Nameplate Rating Available*

**Raceway**

Conduit

100% 2046 \* \* 1

**Panelboards**

Molded Case Bkrs

100% 2042 \* \* 5 \$200

**Wiring**

Thermoplastic

100% 2046 \* \* 1

**Ground**

**Grounding Devices**

Generic

100% LIFE \* \* 5 \$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**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**  
**Asset # : 182**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	30%			2026	\$4,800	10	\$1,800	
				Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%					
				Location : Upstairs					
	Fluorescent	70%			2026	\$11,200	10	\$4,300	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : T-12 Lamps					
	Exterior Lighting								
	HID	100%			2026	\$27,600	10		
Alarm									
	Security System								
	Generic	100%			2026	\$22,100	1	\$2,500	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : Intrusion Alarm System; Motion Sensors A					
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2036	* *	1		
	Conversion Equipment								
	Furnace	100%			2021	\$16,100	1	\$3,300	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$3,700	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2024	\$30,000	1		
	Water Heater								
	Gas Fired	100%			2024	\$4,200	2	\$100	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 1 - 40 Gallon Unit					
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%	Now	\$200	2021	\$200	4	\$100	
				Not in Service, Extent : Severe, Area Affected : 100%					
				Location : Basement					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : Serves Ice Machine Drain					
	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**  
**PROSPECT PARK LEFFERTS HOMESTEAD - 0028**  
**Asset # : 182**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$54,000
Interior Architecture		\$120,800
Electrical		\$48,400
Mechanical		\$65,700
<b>Total</b>		<b>\$288,900</b>
Importance Code A		\$54,000
Importance Code B		\$234,900
<b>Total</b>		<b>\$288,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				\$82,600
Interior Architecture	\$39,100			\$13,800
Electrical	\$2,700	\$2,400	\$2,100	\$3,100
Mechanical	\$11,700	\$35,400	\$15,500	\$34,800
<b>Total</b>	<b>\$53,500</b>	<b>\$37,700</b>	<b>\$17,600</b>	<b>\$134,200</b>
Importance Code A	\$2,500	\$2,700	\$2,500	\$85,400
Importance Code B	\$45,500	\$35,000	\$15,100	\$48,900
Importance Code C	\$5,600			
<b>Total</b>	<b>\$53,500</b>	<b>\$37,700</b>	<b>\$17,600</b>	<b>\$134,200</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 LEFRAK CENTER AT LAKESIDE**  
**Asset # : 13455**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%			LIFE	**	5	\$30,000	
	Masonry: Granite	60%			LIFE	**	5	\$54,000	
	Metal Panel	5%			2052	**	5-10	\$41,300	
	Metal Sect. OHD	5%			2043	**	5	\$18,800	
	Mosaic Tile	5%			2052	**	10	\$18,800	
	Stucco Cement	5%			2043	**	5	\$15,000	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Fascia Below Roof Of Canopy Over Rink									
Explanation : Perimeter Surround									
	Window Wall	15%			2052	**	5	\$67,500	
Parapets									
	Masonry: Granite	90%			LIFE	**	5	\$32,000	
	Metal Rail	10%			2043	**	5-10	\$51,000	
Roof									
	Plaza Roof: Stone Panels	25%			2052	**			
	No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%									
Location :									
Explanation : Lanscaped Planting Beds W/walking Surfaces Cover Program Below									
	Not Accessible	45%							
Interior									
Floors									
	Cast in Place Concrete	35%			LIFE	**	5	\$120,800	
	Ceramic Tile	5%			2039	**	5	\$7,900	
	Cork Tile	20%			2052	**	5	\$27,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Flooring Under Canopy, Surrounding Rink									
Explanation : Thick, Interlocking, Rubber Mats									
	Panel/Paver: Concrete	10%			2052	**			
	Quarry Tile	5%			2043	**	5	\$11,800	
	Sheet Vinyl/Rubber	25%			2034	**	5	\$59,200	
Interior Walls									
	Ceramic Tile	20%			2039	**	5	\$11,200	
	Concrete Masonry Unit	30%			LIFE	**	5	\$6,700	
	Folding Partition	5%			2048	**	5	\$7,000	
	Gypsum Board	20%			LIFE	**	5	\$6,700	
	Metal Panel	10%			LIFE	**			
	Granite Panels	15%			LIFE	**			
Ceilings									
	AcousTileSusp.Lay-In	15%			2043	**	5	\$6,700	
	Exposed Concrete	25%			LIFE	**	5	\$1,800	
	Gypsum Board	15%			LIFE	**	5	\$8,400	
	Plaster	45%			LIFE	**	5	\$12,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Underside Of Canopy Over Rink									
Explanation : Decorative Ceiling									

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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			
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%			2052	* *	5	\$100	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : Main Service Switch Rated @ 2500 Amperes						
	Transformers								
	Dry Type	100%			2043	* *	5	\$100	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Chiller Room						
			Explanation : 2-750 Kva, 480/277 Volts						
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2052	* *	5	\$100	
	Raceway								
	Conduit	100%			2052	* *	1		
	Panelboards								
	Fused Disc Sw	15%			2048	* *	5	\$100	
	Molded Case Bkrs	85%			2048	* *	5	\$700	
	Wiring								
	Thermoplastic	100%			2052	* *	1		
	Motor Controllers								
	Locally Mounted	50%			2043	* *	5	\$100	
	Variable Frequency Drive	50%			2043	* *			
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$400	
Lighting									
	Interior Lighting								
	Fluorescent	50%			2034	* *	10	\$48,400	
			T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%						
			Location : Throughout The Building						
	Incandescent	50%			2034	* *	2	\$1,200	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Skating Rink						
			Explanation : Halogen Bulbs						
	Egress Lighting								
	Exit, LED	50%			2061	* *	1		
	Exit, Service	50%			2034	* *	1		
	Exterior Lighting								
	HID	100%			2034	* *	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**  
**PROSPECT PARK LEFRAK CENTER AT LAKESIDE**  
**Asset # : 13455**

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

**Alarm**

## Security System

No Component

60%

Generic

40%

2034

\* \*

1

\$4,500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways, Outside And Skating Rink**Explanation : C C T V Surveillance Cameras*

## Fire/Smoke Detection

Generic, Digital

100%

2034

\* \*

1-3

\$19,100

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

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

**Heating**

## Energy Source

Electricity

3%

2052

\* \*

1

Natural Gas

47%

2052

\* \*

1

No Component

50%

## Conversion Equipment

Hot Water Boiler

47%

2043

\* \*

1

\$24,500

*Other Observation, Extent : Light, Area Affected : 47%**Location : Boiler Room**Explanation : 2 Units*

Radiant Heater

3%

2034

\* \*

2

\$1,500

*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

\$3,700

No Component

53%

## Terminal Devices

Fan Coil Unit/Heat

50%

2034

\* \*

1

\$17,000

No Component

50%

**Air Conditioning**

## Energy Source

Electricity

100%

2048

\* \*

1

## Conversion Equipment

Reciprocating

100%

2034

\* \*

1

\$16,000

Compr/Chiller

*Other Observation, Extent : Light, Area Affected : 100%**Location : AC Room**Explanation : 4 Sets 410a Refrigerant*

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

*Estimates are rounded to the nearest hundred dollars.*

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

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									
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2052	**	4	\$800	
	Terminal Devices								
	Fan Coil - 4 Pipe	100%			2034	**	1	\$34,100	
	Heat Rejection								
	Water Cooling Tower	100%			2030	**	2	\$106,100	
Ventilation									
	Distribution								
	Ductwork/Diffusers	50%			LIFE	**	2-5	\$29,400	
	No Component	50%							
	Exhaust Fans								
	Interior	40%			2034	**	2	\$1,300	
	Roof	10%			2034	**	2	\$300	
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2052	**	1		
	Water Heater								
	Gas Fired	100%			2025	\$65,700	2	\$1,500	
	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	\$6,500	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	50%							
	Generic	50%			2052	**	1-2	\$14,800	
	Chemical System								
	Generic	100%			2025	\$2,100	1-3	\$4,000	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$152,600	
Interior Architecture	\$36,500	
Mechanical	\$74,200	
<b>Total</b>	<b>\$263,300</b>	
Importance Code A	\$190,200	
Importance Code B	\$73,100	
<b>Total</b>	<b>\$263,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$91,000			
Interior Architecture	\$65,800			\$1,600
Electrical	\$18,400	\$200	\$17,400	\$200
Mechanical	\$28,100	\$600	\$12,900	\$600
<b>Total</b>	<b>\$203,300</b>	<b>\$800</b>	<b>\$30,300</b>	<b>\$2,400</b>
Importance Code A	\$91,000	\$200	\$200	\$200
Importance Code B	\$107,300	\$500	\$30,000	\$2,100
Importance Code C	\$5,100			
<b>Total</b>	<b>\$203,300</b>	<b>\$800</b>	<b>\$30,300</b>	<b>\$2,400</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**  
**Asset # : 13452**

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: Granite	10%	Now	\$3,300	LIFE	* *	5	\$400	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 80%								
	Location : Various Locations Throughout								
	Vertical Cracks, Extent : Light, Area Affected : 20%								
	Location : North Facade								
	Masonry: Limestone	5%	0-2	\$1,700	LIFE	* *	5	\$200	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
	Location : At Entry								
	Stucco Cement	85%	Now	\$34,500	2031	* *	5	\$5,500	
	Loose/Delam Surface, Extent : Severe, Area Affected : 15%								
	Location : East, West Facades								
	Paint Peeling, Extent : Moderate, Area Affected : 50%								
	Location : East, West Facades And Various Locations Throughout								
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
	Location : North, East Facades								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Stairs To Boiler Room								
Windows									
	Aluminum	50%	Now	\$3,000	2034	* *	5	\$300	
	Caulking Deteriorated, Extent : Severe, Area Affected : 25%								
	Location : Perimeter Trim Delaminating								
	Other Observation, Extent : Moderate, Area Affected : 50%								
	Location : Various Locations Throughout								
	Explanation : These Are Storm Windows Covering Wood Frame Windows								
	Wood	50%	Now	\$20,000	2051	* *	5	\$3,300	1
	Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
	Location : Various Locations Throughout								
	Dry Rot/Decay, Extent : Severe, Area Affected : 25%								
	Location : Throughout								
	Glazing Broken/Cracked, Extent : Light, Area Affected : 10%								
	Location : 2nd Floor Offices								
	Thermally Inefficient, Extent : Severe, Area Affected : 65%								
	Location : Throughout								
Parapets									
	Metal Cornice	100%	Now	\$28,500	2041	* *			
	Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
	Location : North Facade								
	Deformed/Dented, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Open Joints, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								

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 LITCHFIELD (ENGINEERS)ANNEX-002B**  
**Asset # : 13452**

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								
	Metal Panel	100%	Now	\$152,600	2046	**			1
				Seams Open/Split, Extent : Severe, Area Affected : 25%					
				Location : Above Second Floor Offices, At Perimeter					
				Water Penetration, Extent : Severe, Area Affected : 25%					
				Location : Throughout Second Floor Offices					
Interior									
	Floors								
	Carpet	30%	Now	\$29,900	2028	\$29,900	3	\$3,200	
				Poor Subfloor Evident, Extent : Moderate, Area Affected : 25%					
				Location : 2nd Floor Offices					
				Worn/Eroded, Extent : Severe, Area Affected : 55%					
				Location : Administrative Offices					
				Wrinkling, Extent : Moderate, Area Affected : 40%					
				Location : Office Locations					
	Cast in Place Concrete	10%			LIFE	**	5	\$1,600	
	Ceramic Tile	5%			2029	**	5	\$400	
	Vinyl Tile	55%	Now	\$36,500	2036	**	3	\$1,500	
				Broken/Missing Elements, Extent : Severe, Area Affected : 15%					
				Location : Throughout					
				Worn/Eroded, Extent : Moderate, Area Affected : 40%					
				Location : Throughout					
Interior Walls									
	Cast in Place Concrete	5%	Now	\$700	LIFE	**			
				Loose/Delam Surface, Extent : Moderate, Area Affected : 70%					
				Location : Boiler Room					
	Ceramic Tile	5%	Now	\$1,200	2029	**	5	\$100	
				Broken/Missing Elements, Extent : Moderate, Area Affected : 75%					
				Location : Basement Ladies Restroom					
	Plaster	90%	Now	\$3,200	LIFE	**	5	\$1,100	
				Cracking/Crumbling, Extent : Moderate, Area Affected : 20%					
				Location : Basement, Basement Stairway					
				Water Penetration, Extent : Moderate, Area Affected : 20%					
				Location : Stairway To Basement And Basement					
Ceilings									
	Plaster	100%	Now	\$30,700	LIFE	**	5	\$4,500	
				Horizontal Cracks, Extent : Moderate, Area Affected : 50%					
				Location : Various Locations Throughout					
				Paint Peeling, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
				Staining/Discoloring, Extent : Moderate, Area Affected : 35%					
				Location : Chiefs Office And Second Floor Throughout					

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**  
**Asset # : 13452**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$1,600	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Main Service Switch Rated @ 400 Amperes							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$26,700	5	\$100	
	Raceway								
	Conduit	100%			2026	\$4,100	1		
	Panelboards								
	Molded Case Bkrs	100%			2025	\$8,200	5	\$100	
	Wiring								
	Braided Cloth	30%	0-2	\$2,700	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	70%			2026	\$6,200	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$7,800	5		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2021	\$11,400	10	\$4,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Egress Lighting								
	Exit, Service	100%			2021	\$1,400	1		
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2031	* *	1	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : C C T V Surveillance Cameras							
	Fire/Smoke Detection								
	No Component	70%							
	Generic, Analog	30%	Now	\$15,600	2036	* *	1-3	\$800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : Not In Service, Alarm Bells And Manual Pull Station							

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

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil	100%			2026	\$12,800	5	\$1,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 - Buried 5,000 Gallon Tank For B-10 Fuel							
Conversion Equipment									
	Hot Water Boiler	100%	0-2	\$37,600	2046	* *	1	\$2,100	
		Obsolete Equipment, Extent : Severe, Area Affected : 100%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 Unit							
Distribution									
	Hot Wtr Piping/Pump	100%	0-2	\$2,300	2034	* *	4	\$200	
		Corroded, Extent : Severe, Area Affected : 60%							
		Location : Basement							
Terminal Devices									
	Convactor/Radiator	60%			2024	\$15,700	1	\$900	
	Fan Coil Unit/Heat	40%	Now	\$8,800	2026	\$29,300	1	\$600	
		Malfunctioning, Extent : Moderate, Area Affected : 50%							
		Location : Fan And Temperature Controls Throughout							
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
Conversion Equipment									
	Reciprocating Compr/Chiller	40%	Now	\$16,600	2036	* *	1	\$800	
		Malfunctioning, Extent : Severe, Area Affected : 40%							
		Location : Basement							
		On Extended Life, Extent : Severe, Area Affected : 40%							
		Location : Basement							
	Window/Wall Unit	40%			2021	\$4,100	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	\$36,600	1	\$600	
	No Component	60%							
Heat Rejection									
	Air Cooled Condenser Unit	40%			2021	\$3,200	2	\$1,300	
	No Component	60%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2024	\$21,400	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**  
**PROSPECT PARK LITCHFIELD (ENGINEERS)ANNEX-002B**  
**Asset # : 13452**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Oil Fired	100%			2021	\$4,100	1	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 - 32 Gallon Unit							
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							
		Obsolete Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2026	\$9,600	1-2	\$300	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Basement							
		Explanation : Partially Sprinklered Basement							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$375,300	
Interior Architecture	\$170,500	
Electrical	\$197,700	\$223,200
Mechanical		\$453,000
<b>Total</b>	<b>\$743,400</b>	<b>\$676,200</b>
Importance Code A	\$375,300	
Importance Code B	\$368,200	\$676,200
<b>Total</b>	<b>\$743,400</b>	<b>\$676,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$53,000		\$3,700	
Interior Architecture	\$131,700		\$4,700	\$4,700
Electrical	\$21,400	\$1,300	\$11,300	\$1,600
Mechanical	\$3,200	\$2,400	\$50,600	\$2,800
<b>Total</b>	<b>\$209,300</b>	<b>\$3,700</b>	<b>\$70,300</b>	<b>\$9,100</b>
Importance Code A	\$54,800	\$1,800	\$5,500	\$1,800
Importance Code B	\$138,300	\$1,900	\$64,800	\$7,300
Importance Code C	\$16,200			
<b>Total</b>	<b>\$209,300</b>	<b>\$3,700</b>	<b>\$70,300</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**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

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	2%	Now	\$1,700	LIFE	* *	5	\$2,700	
		Exposed Reinforcement, Extent : Moderate, Area Affected : 10%							
		Location : East Facade - Face Of Slab Over Oil Tank Storage Space							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : East Facade - Face Of Slab Over Oil Tank Storage Space							
	Masonry: Brick	46%	Now	\$20,700	LIFE	* *	5	\$12,600	
		Vertical Cracks, Extent : Moderate, Area Affected : 5%							
		Location : North Facade							
	Masonry: Fieldstone	10%	Now	\$77,400	LIFE	* *	5	\$2,100	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%							
		Location : Rear Entrance To Basement							
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : Rear Entrance To Basement							
		Other Observation, Extent : Severe, Area Affected : 20%							
		Location : Exterior Basement Entry							
		Explanation : Mis-aligned.							
	Granite Panels	2%	Now	\$3,200	LIFE	* *	5	\$400	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Window Sills							
		Staining/Discoloring, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Stucco Cement	25%	Now	\$43,200	2031	* *	5	\$8,500	
		Paint Peeling, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Wood	15%	Now	\$89,500	2031	* *	5	\$10,300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : East Facade, West Facade							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : Balconies, Balustrade, South Porch, And Connecting Corridor To Annex							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : At Columns Connecting Corridor To Annex							

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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 MANSION / VILLA**  
**Asset # : 869**

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									
	Windows								
	Wood	80%	Now	\$145,700	2051	* *	5	\$23,800	
		Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Caulking Deteriorated, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Wood	20%	Now	\$19,500	2034	* *	5	\$5,900	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Dry Rot/Decay, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Parapets									
	Masonry: Brick	5%			LIFE	* *	5	\$200	
	Wood Cornice	95%	Now	\$10,300	2036	* *	5	\$21,300	
		Deteriorated Finish, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Paint Peeling, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
Roof									
	Cast in Place Concrete	5%	Now	\$2,100	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Over Rear Entrance To Basement							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : At Rear Entrance To Basement							
	Copper/Terne	72%	Now	\$5,900	2054	* *			
		Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
	Modified Bitumen	8%			2031	* *	10	\$2,300	
	Single Ply Membrane	5%			2031	* *	10	\$1,400	
	Skylight, Metal/Glass	10%	Now	\$9,100	2036	* *			
		Glazing Broken/Cracked, Extent : Light, Area Affected : 2%							
		Location : Skylight Centered Over Third Floor Formal Circle Railing							

## 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**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	25%	Now	\$94,400	2028	\$94,400	3	\$10,200	
Uneven Substrate, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Various Office Areas								
Wrinkling, Extent : Moderate, Area Affected : 30%								
Location : Various Office Areas								
Cast in Place Concrete	10%	Now	\$6,200	LIFE	**	5	\$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Various Basement Areas								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Various Basement Areas								
Ceramic Tile	8%			2029	**	5	\$2,200	
Mosaic Tile	10%			2031	**	5	\$6,800	
Granite Panels	2%			LIFE	**	5	\$400	
Vinyl Tile	40%	Now	\$100,600	2036	**	3	\$4,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper Floors And Corridors								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Upper Floors And Corridors								
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	5%			2041	**	5	\$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Parquet Flooring								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$300	
Masonry: Brick	5%	Now	\$3,200	LIFE	**			
Water Penetration, Extent : Moderate, Area Affected : 75%								
Location : Basement Storage Area								
Plaster	80%	Now	\$10,600	LIFE	**	5	\$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement, Stairwells And Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : At Skylight, 2nd Floor Office - Recreation Dept								
Wood	10%	Now	\$2,300	LIFE	**	5	\$6,100	
Split/Cracked, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Conference Room								

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



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

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

## Interior

## Ceilings

## Plaster

90% Now \$69,900 LIFE \* \* 5 \$15,300

*Horizontal Cracks, Extent : Moderate, Area Affected : 15%*

*Location : Various Locations Throughout*

*Loose/Delam Surface, Extent : Severe, Area Affected : 10%*

*Location : Basement*

*Paint Peeling, Extent : Moderate, Area Affected : 45%*

*Location : Mens Toilet Room Basement Level*

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

*Location : At Skylight, 2nd Floor Office - Recreation Dept*

*Water Penetration, Extent : Severe, Area Affected : 5%*

*Location : Basement Window Adjacent To Electrical Panels*

## Wood

10% Now \$13,900 LIFE \* \* 5 \$23,700

*Broken/Missing Elements, Extent : Severe, Area Affected : 15%*

*Location : Connecting Corridor To Annex*

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

*Location : Connecting Corridor To Annex*

*Split/Cracked, Extent : Moderate, Area Affected : 25%*

*Location : Connecting Corridor To Annex*

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

## Under 600 Volts

## Service Equipment

## Fused Disc Sw

100% 2026 \$1,600 5 \$100

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

*Location : Electrical Room*

*Explanation : Main Service Switch Rated @ 800 Amperes*

## Switchgear / Switchboard

## Molded Case Bkrs

100% 2026 \$35,200 5 \$500

## Raceway

## Conduit

70% 2026 \$23,900 1

## Conduit

30% 2046 \* \* 1

## Panelboards

## Molded Case Bkrs

30% 2042 \* \* 5 \$100

## Molded Case Bkrs

70% 2025 \$11,400 5 \$300

## Wiring

## Braided Cloth

70% 2-4 \$21,200 2051 \* \* 1

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

*Location : Throughout The Building*

## Thermoplastic

30% 2026 \$9,100 1

## Motor Controllers

## Locally Mounted

100% 2024 \$33,000 5 \$100

## 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.*

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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 LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2026	\$178,100	10	\$15,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	5%			2026	\$9,900	10	\$800	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
	Incandescent	5%			2021	\$9,900	2		
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2031	* *	1	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : C C T V Surveillance Cameras							
	Fire/Smoke Detection								
	Generic, Analog	100%	Now	\$197,700	2036	* *	1-3	\$9,800	
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil	100%			2036	* *	5	\$5,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Vault							
		Explanation : 1 - 1,000 Gallon Tank For B-10 Fuel							
Conversion Equipment									
	Steam Boiler	100%			2031	* *	1	\$17,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 1 Unit							
Distribution									
	Central Plant Steam	100%			2026	\$313,300	4	\$900	
	Piping/Pmp								
Terminal Devices									
	Convactor/Radiator	100%			2024	\$99,100	1	\$5,900	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	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**  
**PROSPECT PARK LITCHFIELD MANSION / VILLA**  
**Asset # : 869**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	75%			2021	\$28,900	1		
	No Component	25%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	10%			LIFE	* *	2-5	\$1,000	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Basement							
		Explanation : Makeup Air For Boiler							
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2036	* *	1		
	Galvanized Steel	50%			2024	\$40,600	1		
	Water Heater								
	Electric	100%			2021	\$16,300	4	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 - 52 Gallon Unit							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$600	4	\$600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : Connected To Indirect Drain With Garden Hose							
	Fixtures								
	Generic	100%							
		Obsolete Fixtures, Extent : Light, Area Affected : 100%							
		Location : Throughout							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Interior Architecture	\$37,000	
Electrical		\$44,800
Mechanical		\$77,300
<b>Total</b>	<b>\$37,000</b>	<b>\$122,000</b>
Importance Code B	\$37,000	\$122,000
<b>Total</b>	<b>\$37,000</b>	<b>\$122,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$46,700			\$5,400
Interior Architecture	\$24,800		\$600	\$200
Electrical	\$3,500	\$800	\$800	\$800
Mechanical	\$10,200	\$2,100	\$4,000	\$2,100
<b>Total</b>	<b>\$85,300</b>	<b>\$2,900</b>	<b>\$5,400</b>	<b>\$8,500</b>
Importance Code A	\$47,700	\$1,100	\$1,000	\$6,400
Importance Code B	\$37,600	\$1,800	\$4,400	\$2,100
Importance Code C				
<b>Total</b>	<b>\$85,300</b>	<b>\$2,900</b>	<b>\$5,400</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**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	10%			LIFE	**	5	\$5,800	
	Masonry: Brick	70%	Now	\$26,800	LIFE	**	5	\$8,200	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Archway At 2nd Floor Terrace / Stair Landing							
	Masonry: Brick Cavity	8%			LIFE	**	5	\$900	
	Masonry: Limestone	10%	Now	\$13,900	LIFE	**	5	\$900	
		Vertical Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Archway At 2nd Floor Terrace / Stair Landing							
	Metal Coiling Doors	2%			2039	**	5	\$700	
Windows									
	Wood	100%			2042	**	5	\$10,700	
Parapets									
	Masonry: Brick Cavity	7%			LIFE	**	5		
	Pre-Cast Concrete	3%			LIFE	**	5	\$100	
	Wood Cornice	90%	Now	\$5,300	2036	**	5	\$3,400	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Dry Rot/Decay, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Roof									
	Cast in Place Concrete	10%	Now	\$300	LIFE	**			
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Above Lower Entry On East Facade							
	Clay Tile	90%			2046	**	10	\$4,100	
Interior									
Floors									
	Cast in Place Concrete	5%			LIFE	**	5	\$1,800	
	Quarry Tile	5%			2039	**	5	\$1,200	
	Sheet Vinyl/Rubber	5%			2031	**	5	\$1,200	
	Terrazzo	30%	4+	\$4,900	LIFE	**	5	\$3,800	
		Horizontal Cracks, Extent : Light, Area Affected : 30%							
		Location : First Floor Hallway							
	Vinyl Tile	10%			2031	**	3	\$800	
	Wood	45%			2054	**	5	\$13,600	
Interior Walls									
	Concrete Masonry Unit	5%			LIFE	**	5	\$500	
	Gypsum Board	10%			LIFE	**	5	\$1,500	
	Masonry: Brick	45%			LIFE	**			
	Plaster	15%			LIFE	**	5	\$1,100	
	SGFT/Glazed Masonry	25%			LIFE	**			

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK PICNIC HOUSE - 0003**  
**Asset # : 1055**

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

**Interior**

**Ceilings**

AcousTileSusp.Lay-In	10%			2039	**	5	\$1,600	
Exposed Concrete	10%			LIFE	**	5	\$300	
Exposed Struc: Steel	50%	4+	\$37,000	LIFE	**			

*Staining/Discoloring, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

Plaster	25%			LIFE	**	5	\$2,500	
Plaster	5%	Now	\$11,500	LIFE	**	5	\$500	

*Water Penetration, Extent : Moderate, Area Affected : 100%*

*Location : At Lower Entry On East Facade*

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2026		\$1,600	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Switch Rated @ 400 Amperes*

**Switchgear / Switchboard**

Molded Case Bkrs	100%			2026		\$26,700	5	\$300	
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**Raceway**

Conduit	100%			2026		\$4,100	1		
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**Panelboards**

Molded Case Bkrs	100%			2025		\$8,200	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		\$6,200	1		
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**Motor Controllers**

Locally Mounted	100%			2024		\$15,700	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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*\*\* 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	20%			2026	\$5,100	10	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : T-8 Lamps							
	Fluorescent	40%			2026	\$10,300	10	\$3,900	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Incandescent	40%			2026	\$24,500	2	\$100	
Egress Lighting									
	Emergency, Battery	50%			2026	\$7,900	10	\$1,300	
	Exit, Battery	50%			2026	\$5,400	10	\$400	
Exterior Lighting									
	HID	100%			2026	\$44,800	10		
Alarm									
	Fire/Smoke Detection								
	Generic, Digital	100%			2031	* *	1-3	\$6,900	
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : Strobe Lights, Manual Pull Station, Horns And Smoke Detectors							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	10%			2046	* *	1		
	Fuel Oil	90%			2046	* *	5	\$3,000	
		Other Observation, Extent : Light, Area Affected : 90%							
		Location : Basement							
		Explanation : B-10 Fuel							
Conversion Equipment									
	Radiant Heater	10%			2026	\$19,500	2	\$500	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 1st Floor							
		Explanation : Electric Baseboard In Place							
	Steam Boiler	90%			2031	* *	1	\$9,600	
		Recent Repair Evident, Extent : Light, Area Affected : 25%							
		Location : Boiler Sections Replaced							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Boiler							

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	90%	0-2	\$7,400	2036	* *	4	\$500	
		Corroded, Extent : Moderate, Area Affected : 20% Location : Boiler Room							
	No Component	10%							
Terminal Devices									
	Air Handler	50%			2026	\$77,300	1	\$3,300	
	Convactor/Radiator	40%			2039	* *	1	\$1,400	
	No Component	10%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Split Unit	40%			2031	* *			
		Other Observation, Extent : Light, Area Affected : 40% Location : Basement Explanation : 4 Units							
	No Component	60%							
Terminal Devices									
	Fan Coil - 2 Pipe	40%			2031	* *	1	\$1,400	
	No Component	60%							
Heat Rejection									
	Dry Cooler	40%			2031	* *	2	\$3,000	
	No Component	60%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	15%			LIFE	* *	2-5	\$900	
	No Component	85%							
Exhaust Fans									
	Interior	15%			2026	\$2,300	2	\$100	
	No Component	85%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
Water Heater									
	Electric	100%			2025	\$9,700	4	\$100	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Submersible	100%			2019	\$400	4	\$300	
		Other Observation, Extent : Light, Area Affected : 100% Location : Boiler Room Explanation : Single Pump							
Fixtures									
	Generic	100%							

**Fire Suppression**

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

*Estimates are rounded to the nearest hundred dollars.*

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



**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>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>Priority</b>
Fire Suppression	Sprinkler							
	Generic	100%		2046	* *	1-2	\$3,000	

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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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$669,400	\$51,200
Interior Architecture	\$174,300	\$72,000
Electrical	\$826,100	\$247,400
Mechanical	\$79,900	\$1,450,000
<b>Total</b>	<b>\$1,749,800</b>	<b>\$1,820,600</b>
Importance Code A	\$669,400	\$51,200
Importance Code B	\$1,080,300	\$1,769,400
<b>Total</b>	<b>\$1,749,800</b>	<b>\$1,820,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$29,600			
Interior Architecture	\$48,100		\$2,400	\$400
Electrical	\$32,100	\$3,200	\$2,900	\$3,300
Mechanical	\$6,000	\$5,200	\$17,200	\$5,200
<b>Total</b>	<b>\$115,900</b>	<b>\$8,400</b>	<b>\$22,400</b>	<b>\$9,000</b>
Importance Code A	\$31,800	\$2,200	\$2,200	\$2,200
Importance Code B	\$84,100	\$6,200	\$20,200	\$6,800
Importance Code C				
<b>Total</b>	<b>\$115,900</b>	<b>\$8,400</b>	<b>\$22,400</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**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**  
**Asset # : 889**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	75%	Now	\$337,000	LIFE	* *	5	\$51,200	
		Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : West Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%							
		Location : West Facade							
		Worn/Eroded, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
	Masonry: Fieldstone	5%	Now	\$16,100	LIFE	* *	5	\$2,600	
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : North Addition							
	Metal Panel	10%	Now	\$5,400	2036	* *	5	\$12,800	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 10%							
		Location : Throughout North, South And East Facades							
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : East Facade							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : East Facade							
	Wood Overhead Doors	10%	Now	\$47,100	2031	* *	5	\$17,100	
		Deteriorated Finish, Extent : Moderate, Area Affected : 15%							
		Location : South Facade							
		Split/Cracked, Extent : Moderate, Area Affected : 15%							
		Location : South Facade							
Windows									
	Wood	100%	Now	\$45,600	2051	* *	5	\$7,500	1
		Deteriorated Finish, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%							
		Location : West Facade							
		Thermally Inefficient, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Split/Cracked, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
Parapets									
	Metal Cornice	100%	Now	\$132,200	2041	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : West Facade, South Facade							
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : West Facade, South Facade							
		Deformed/Dented, Extent : Moderate, Area Affected : 25%							
		Location : West Facade, South Facade							

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**  
**Asset # : 889**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Roof									
	Asphalt Shingle	55%			2039	**	10	\$8,200	
	Modified Bitumen	30%			2034	**	10	\$26,700	
	Skylight, Metal/Glass	15%	Now	\$107,500	2036	**			
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
	Location : North And South End Skylights								
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Repair Shops								
Interior									
Floors									
	Cast in Place Concrete	50%	Now	\$37,300	LIFE	**	5	\$72,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : First Floor								
	Vinyl Tile 9" X 9"	5%	Now	\$39,500	2036	**	3	\$1,200	
	Adhesion Failure, Extent : Moderate, Area Affected : 25%								
	Location : Offices								
	Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Wood	45%			2029	**	5	\$55,500	
Interior Walls									
	Concrete Masonry Unit	10%			LIFE	**	5	\$400	
	Masonry: Brick	80%			LIFE	**			
	Wood	10%			LIFE	**	5	\$3,600	
Ceilings									
	AcousTile,Adhered	5%			2031	**	5	\$4,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Blacksmith Shop								
	Explanation : Metal Panels								
	Exposed Struc: Wood	75%	Now	\$97,400	LIFE	**			
	Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
	Location : Throughout - North Shed								
	Split/Cracked, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
	Location : Second Floor Shop								
	Gypsum Board	5%			LIFE	**	5	\$5,900	
	Plaster	15%	Now	\$20,400	LIFE	**	5	\$8,900	
	Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
	Location : Locker Room; First Floor								

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

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$2,700	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : Main Service Switch Rated @ 2000 Amperes							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2026	\$35,200	5	\$100	
	Raceway								
	Conduit	100%			2026	\$34,200	1		
	Panelboards								
	Fused Disc Sw	20%			2025	\$4,900	5	\$100	
	Molded Case Bkrs	80%			2025	\$19,600	5	\$700	
	Wiring								
	Braided Cloth	80%	2-4	\$24,200	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	20%			2026	\$6,100	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$65,900	5	\$200	
Ground									
	Grounding Devices								
	Not Accessible	100%							
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2031	* *	1	\$9,700	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2021	\$432,100	10	\$36,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	2%			2026	\$9,600	10	\$800	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : 2nd Floor							
	Fluorescent	4%			2026	\$19,200	10	\$1,600	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Storage Room							
	HID	4%			2026	\$13,100	10	\$100	
	Egress Lighting								
	Exit, Service	100%	Now	\$6,800	2036	* *	1		
		Not Functioning, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**

**Asset # : 889**

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

**Lighting**

Exterior Lighting  
Fluorescent

10%  
2026 \$11,100 10 \$300  
*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*  
*Location : Outside*

HID 90% 2026 \$117,400 10 \$100

**Alarm**

Fire/Smoke Detection  
Generic, Analog

100% 0-2 \$357,700 2036 \* \* 1-3 \$17,700  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Office*  
*Explanation : Obsolete Equipment, Alarm Bells*

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

**Heating**

Energy Source  
Fuel Oil

100%  
2036 \* \* 5 \$13,600  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Parking Lot*  
*Explanation : Fuel B-10*

Conversion Equipment  
Hot Water Boiler

100%  
2031 \* \* 1 \$21,700  
*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 \$70,000 4 \$2,200

**Terminal Devices**

Convactor/Radiator 10% 2024 \$24,000 1 \$1,400

Fan Coil Unit/Heat 90% 2026 \$605,400 1 \$12,800

*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 \$4,700 1

No Component 95%

**Ventilation**

**Distribution**

Ductwork/Diffusers 20% LIFE \* \* 2-5 \$4,900

No Component 80%

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK REPAIR SHOP/TECHNICAL SERVICES**  
**Asset # : 889**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Interior	50%			2021	\$79,900	2	\$700	
	Wall Unit	25%			2021	\$4,000	2	\$300	
	No Component	25%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2026	\$334,800	1		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$1,100	4	\$1,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Single Unit								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2026	\$439,800	1-2	\$12,300	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$44,400	
Electrical	\$87,300	
Mechanical		\$124,100
<b>Total</b>	<b>\$131,700</b>	<b>\$124,100</b>
Importance Code A	\$44,400	
Importance Code B	\$87,300	\$124,100
<b>Total</b>	<b>\$131,700</b>	<b>\$124,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$57,800			\$700
Interior Architecture	\$89,300		\$400	\$300
Electrical	\$600	\$500	\$8,400	\$500
Mechanical	\$11,100	\$700	\$6,000	\$700
<b>Total</b>	<b>\$158,800</b>	<b>\$1,200</b>	<b>\$14,800</b>	<b>\$2,200</b>
Importance Code A	\$58,200	\$400	\$400	\$1,100
Importance Code B	\$96,000	\$900	\$14,400	\$1,200
Importance Code C	\$4,600			
<b>Total</b>	<b>\$158,800</b>	<b>\$1,200</b>	<b>\$14,800</b>	<b>\$2,200</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

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	40%			LIFE	* *	5	\$3,300	
	Masonry: Granite	15%	Now	\$32,000	LIFE	* *	5	\$900	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : At Building Base									
Staining/Discoloring, Extent : Severe, Area Affected : 25%									
Location : North Facade									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : Building Perimeter, Stairs									
	Masonry: Limestone	45%	0-2	\$44,400	LIFE	* *	5	\$2,800	
Staining/Discoloring, Extent : Light, Area Affected : 30%									
Location : Center Pavilion And North Facade									
Windows									
	Steel	15%			2042	* *	5	\$1,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 35%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Metal Grilles At Window Openings									
	Wood	85%	Now	\$11,900	2034	* *	5	\$3,200	
Broken/Missing Elements, Extent : Light, Area Affected : 15%									
Location : Throughout									
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : Basement Windows									
Parapets									
	Masonry: Limestone	100%	Now	\$7,900	LIFE	* *	5	\$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%									
Location : Cornice									
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Cornice									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Cornice									
Staining/Discoloring, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Roof									
	Clay Tile	100%	Now	\$6,000	2046	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : At Both Chimneys, Water In 2nd Floor Offices									

## Interior

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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	

## Interior

## Floors

Cast in Place Concrete	25%	Now	\$6,500	LIFE	* *	5	\$6,300
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*Horizontal Cracks, Extent : Moderate, Area Affected : 30%**Location : Throughout Basement And Boiler Room**Other Observation, Extent : Moderate, Area Affected : 70%**Location : Boiler Room And Basement.**Explanation : Staining.*

Ceramic Tile	7%			2029	* *	5	\$800
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Mosaic Tile	15%	Now	\$22,400	2031	* *	5	\$2,100
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*Broken/Missing Elements, Extent : Severe, Area Affected : 5%**Location : Terrace**Cracking/Crumbling, Extent : Moderate, Area Affected : 10%**Location : Center Pavilion*

Quarry Tile	5%			2031	* *	5	\$900
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Terrazzo	28%	Now	\$32,500	LIFE	* *	5	\$2,500
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*Broken/Missing Elements, Extent : Severe, Area Affected : 8%**Location : Terrace**Cracking/Crumbling, Extent : Moderate, Area Affected : 25%**Location : Center Pavilion.*

Vinyl Tile	20%	Now	\$21,200	2036	* *	3	\$900
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 30%**Location : Throughout**Worn/Eroded, Extent : Moderate, Area Affected : 40%**Location : Throughout*

## Interior Walls

Concrete Masonry Unit	5%			LIFE	* *	5	\$400
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Gypsum Board	50%			LIFE	* *	5	\$5,300
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Plaster	30%	Now	\$4,600	LIFE	* *	5	\$1,600
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%**Location : Throughout*

SGFT/Glazed Masonry	15%			LIFE	* *		
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## Ceilings

Exposed Concrete	2%	Now	\$1,600	LIFE	* *	5	
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*Exposed Reinforcement, Extent : Light, Area Affected : 20%**Location : Boiler Room*

Gypsum Board	15%			LIFE	* *	5	\$2,100
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Masonry: Infill Arch	50%			LIFE	* *		
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Plaster	33%			LIFE	* *	5	\$2,400
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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	

## Over 600 Volts

## 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			
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%							
	Feeders								
	Not Accessible	100%							
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2036	**	5		
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : Main Service Switch Rated @ 200 Amperes						
	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	\$16,400	10	\$6,300	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Throughout The Building						
			Explanation : T-12 Lamps						
	Fluorescent	10%			2026	\$1,800	10	\$700	
			Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%						
			Location : Basement						
	Egress Lighting								
	Emergency, Battery	50%			2021	\$5,600	10	\$900	
	Exit, Service	50%			2021	\$1,100	1		
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2026	\$7,600	1	\$900	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Outside						
			Explanation : CCTV Surveillance Cameras						

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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

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

## Alarm

Fire/Smoke Detection

Generic, Digital

100%

2021

\$87,300

1-3

\$4,800

*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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

Energy Source

Fuel Oil

100%

2026

\$36,400

5

\$2,400

*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

\$12,200

4

\$400

Terminal Devices

Convactor/Radiator

95%

2031

\* \*

1

\$2,400

Fan Coil Unit/Heat

5%

2026

\$5,900

1

\$100

## Air Conditioning

Energy Source

Electricity

100%

2034

\* \*

1

Conversion Equipment

Interior Pkg Unit -

Cooling

30%

Now

\$8,800

2024

\$87,700

2

\$100

*Not in Service, Extent : Severe, Area Affected : 30%**Location : Kitchen**R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Basement*

Window/Wall Unit

10%

2019

\$1,600

1

No Component

60%

## Ventilation

Distribution

Ductwork/Diffusers

30%

LIFE

\* \*

2-5

\$1,300

No Component

70%

Exhaust Fans

Interior

30%

2026

\$3,300

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**  
**PROSPECT PARK TENNIS HOUSE - 0005**  
**Asset # : 1056**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	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	\$300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Court Yard								
	Explanation : 2 Sets								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	70%							
	Generic	30%			2036	* *	1-2	\$600	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$402,200	
Interior Architecture	\$244,000	\$63,700
Electrical	\$75,500	\$65,500
Mechanical		\$338,700
<b>Total</b>	<b>\$721,600</b>	<b>\$467,900</b>
Importance Code A	\$402,200	
Importance Code B	\$319,500	\$467,900
<b>Total</b>	<b>\$721,600</b>	<b>\$467,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,500		\$8,400	
Interior Architecture	\$54,800			\$800
Electrical	\$7,200	\$200	\$32,000	
Mechanical	\$8,400	\$1,900	\$10,200	\$1,900
<b>Total</b>	<b>\$90,900</b>	<b>\$2,100</b>	<b>\$50,600</b>	<b>\$2,800</b>
Importance Code A	\$21,600	\$1,100	\$9,500	\$1,100
Importance Code B	\$53,600	\$1,000	\$41,100	\$1,700
Importance Code C	\$15,700			
<b>Total</b>	<b>\$90,900</b>	<b>\$2,100</b>	<b>\$50,600</b>	<b>\$2,800</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.

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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		
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	\$12,900	
	Masonry: Brick	62%	Now	\$52,500	LIFE	* *	5	\$16,000	
	Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
	Location : West Facade								
	Masonry: Sandstone	3%	0-2	\$3,200	LIFE	* *	5	\$600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : South Facade								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Location : South Facade								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Bluestone								
	Wood	25%	0-2	\$73,600	2031	* *	5	\$16,100	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Explanation : Wood Doors								
Windows									
	Wood	100%	Now	\$17,200	2051	* *	5	\$2,800	1
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
	Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Split/Cracked, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Parapets									
	Copper/Terne	100%	Now	\$62,700	2046	* *	5	\$21,600	
	Bent/Warped Elements, Extent : Moderate, Area Affected : 40%								
	Location : Main Entrance And Throughout								

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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 MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

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	5%			2041	**	10	\$8,400		
Skylight, Metal/Glass	10%	Now	\$108,000	2036	**				
Air Infiltration, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Light, Area Affected : 30%									
Location : East Storage Shed									
Slate	85%	Now	\$105,300	LIFE	**				
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%									
Location : Various Locations Throughout									
Misaligned/Bulging, Extent : Severe, Area Affected : 20%									
Location : Roof Surface									
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%									
Location : Northwest Corner, Interior Courtyard - Rodents Entering Building									
Interior									
Floors									
Carpet	4%	Now	\$18,400	2028	\$18,400	3	\$2,000		
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 60%									
Location : Throughout Administrative Office									
Staining/Discoloring, Extent : Severe, Area Affected : 100%									
Location : Administrative Office									
Worn/Eroded, Extent : Severe, Area Affected : 90%									
Location : Throughout Administrative Office									
Wrinkling, Extent : Moderate, Area Affected : 40%									
Location : Throughout Administrative Office									
Cast in Place Concrete	88%			LIFE	**	5	\$63,700		
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Ceramic Tile	4%	0-2	\$8,400	2029	**	5	\$700		
Caulking Deteriorated, Extent : Severe, Area Affected : 25%									
Location : Locker Rooms									
Vinyl Tile	4%	0-2	\$12,300	2036	**	3	\$500		
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Interior Walls									
Ceramic Tile	3%			2029	**	5	\$100		
Concrete Masonry Unit	10%			LIFE	**	5	\$200		
Gypsum Board	5%			LIFE	**	5	\$100		
Masonry: Brick	82%	Now	\$15,600	LIFE	**				
Diagonal Cracks, Extent : Moderate, Area Affected : 10%									
Location : Storage Area Facing West Side									
Horizontal Cracks, Extent : Severe, Area Affected : 10%									
Location : Storage Area Facing West Side									

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

Estimates are rounded to the nearest hundred dollars.

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	50%	Now	\$167,300	LIFE	* *	5	\$3,700	
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%							
	Location : Lawn Mower Storage Space							
	Dry Rot/Decay, Extent : Moderate, Area Affected : 20%							
	Location : At Structural Supports							
	Exposed Reinforcement, Extent : Moderate, Area Affected : 5%							
	Location : Forestry Storage Space On The West Side							
	Paint Peeling, Extent : Severe, Area Affected : 80%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 15%							
	Location : Various Locations							
Exposed Struc: Steel	35%	Now	\$76,700	LIFE	* *			
	Corrosion/Rusting, Extent : Moderate, Area Affected : 20%							
	Location : North Storage Shed and Throughout							
Plaster	15%			LIFE	* *	5	\$4,500	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated @ 400 Amperes								
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	\$6,500	5	\$300	
Molded Case Bkrs	20%			2034	* *	5	\$100	
Wiring								
Braided Cloth	80%	2-4	\$7,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	\$100	
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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**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	30%			2021	\$15,800	10	\$6,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Office							
		Explanation : T-12 Lamps							
	Fluorescent	5%			2026	\$2,600	10	\$1,000	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Locker Room							
	HID	5%			2021	\$9,800	10		
	Incandescent	60%			2021	\$75,500	2	\$300	
Exterior Lighting									
	HID	100%			2026	\$65,500	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil	100%			2036	* *	5	\$6,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Vault							
		Explanation : 2 - 1,000 Gallon Tanks For B-10 Fuel							
	Conversion Equipment								
	Hot Water Boiler	100%			2039	* *	1	\$10,900	
	Distribution								
	Hot Wtr Piping/Pump	100%	Now	\$1,800	2025	\$35,200	4	\$1,100	
		Leak Evident, Extent : Severe, Area Affected : 10%							
		Location : Various Areas							
	Terminal Devices								
	Convector/Radiator	80%			2024	\$96,700	1	\$5,700	
	Fan Coil Unit/Heat	20%			2026	\$67,600	1	\$1,400	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	10%			2024	\$4,700	1		
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	50%			LIFE	* *	2-5	\$6,200	
	No Component	50%							
	Exhaust Fans								
	Interior	50%			2026	\$40,200	2	\$300	
	Wall Unit	50%			2021	\$4,000	2	\$300	

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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 MAINT BUILDING FORESTRY AND STORE HOUSE**  
**Asset # : 887**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Galvanized Steel	100%			2024	\$99,000	1		
Water Heater Electric	20%			2019	\$4,000	4		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Shop							
	Explanation : 1 - 10 Gallon Unit							
Oil Fired	80%			2024	\$15,000	1	\$500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 1 - 65 Gallon Unit							
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Sump Pump(s) Submersible	100%			2019	\$600	4	\$500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : Single Unit							
Fixtures								
Generic	100%							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$194,500	\$189,500
Interior Architecture	\$79,100	\$38,200
Electrical	\$22,800	\$141,100
Mechanical	\$56,900	\$106,200
<b>Total</b>	<b>\$353,300</b>	<b>\$475,100</b>
Importance Code A	\$251,400	\$189,500
Importance Code B	\$101,900	\$285,600
<b>Total</b>	<b>\$353,300</b>	<b>\$475,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$51,600		\$500	
Interior Architecture	\$47,000			\$100
Electrical	\$31,000	\$200	\$2,000	\$100
Mechanical	\$27,100	\$1,700	\$17,600	\$2,000
<b>Total</b>	<b>\$156,800</b>	<b>\$2,000</b>	<b>\$20,100</b>	<b>\$2,200</b>
Importance Code A	\$51,800	\$1,000	\$1,500	\$1,000
Importance Code B	\$83,800	\$900	\$18,600	\$1,200
Importance Code C	\$21,200			
<b>Total</b>	<b>\$156,800</b>	<b>\$2,000</b>	<b>\$20,100</b>	<b>\$2,200</b>



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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

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	83%	Now	\$39,100	LIFE	* *	5	\$11,900	
		Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : East Facade							
		Efflorescence, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Horizontal Cracks, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Recent Repair Evident, Extent : Light, Area Affected : 30%							
		Location : At Window Door Openings, Building Corners							
	Metal Coiling Doors	5%	Now	\$44,300	2046	* *	5	\$1,100	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 80%							
		Location : East Facade							
	Wood Overhead Doors	12%	Now	\$11,900	2031	* *	5	\$4,300	
		Broken/Missing Elements, Extent : Severe, Area Affected : 15%							
		Location : Glass Panels							
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 20%							
		Location : North Facade							
	Windows								
	Wood	100%	Now	\$9,500	2051	* *	5	\$1,600	
		Deteriorated Finish, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Glazing Broken/Cracked, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

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								
Parapets								
Masonry: Brick	87%	Now	\$54,300	LIFE	* *	5	\$4,300	1
	Diagonal Cracks, Extent : Severe, Area Affected : 20%							
	Location : Throughout							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 25%							
	Location : North Facade							
	Parge/Tar Separating, Extent : Severe, Area Affected : 25%							
	Location : Perimeter At Base Of Parapet							
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
	Location : Roof Side Of Parapet							
Metal Panel	5%			2046	* *	5	\$1,000	
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : West Wall							
	Explanation : Coping							
Pre-Cast Concrete	8%	Now	\$6,200	LIFE	* *	5	\$2,500	
	Open Joints, Extent : Moderate, Area Affected : 35%							
	Location : Coping							
	Worn/Eroded, Extent : Severe, Area Affected : 35%							
	Location : Coping Stone							
Roof								
Modified Bitumen	80%	Now	\$56,800	2026	\$189,500			
	Alligatoring, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Blisters, Extent : Severe, Area Affected : 15%							
	Location : Throughout							
	Ponding, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Roof Top							
	Seams Open/Split, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Skylight, Metal/Glass	20%	Now	\$24,000	2036	* *			
	Water Penetration, Extent : Moderate, Area Affected : 5%							
	Location : Repair Shop							
Interior								
Floors								
Cast in Place Concrete	95%	Now	\$19,800	LIFE	* *	5	\$38,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Vinyl Tile	5%			2034	* *	3	\$500	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							

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

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MAINT GARAGE 1 DISPATCH - AUTO REPAIR**  
**Asset # : 871**

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

## Interior

## Interior Walls

Masonry: Brick

100% Now \$21,200 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 \$79,100 LIFE \* \* 5 \$3,500

*Paint Peeling, Extent : Severe, Area Affected : 10%*  
*Location : Sheet Metal Shop*  
*Recent Repair Evident, Extent : Light, Area Affected : 85%*  
*Location : Throughout*

Exposed Struc: Wood

13% LIFE \* \*

Gypsum Board

2% Now \$5,900 LIFE \* \* 5 \$700

*Loose/Delam Surface, Extent : Severe, Area Affected : 100%*  
*Location : West Addition*

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

## Under 600 Volts

## Raceway

Conduit

100% 2026 \$34,200 1

## Panelboards

Fused Disc Sw

50% 2025 \$8,200 5 \$100

Molded Case Bkrs

50% 2025 \$8,200 5 \$100

## Wiring

Braided Cloth

80% 2-4 \$24,200 2051 \* \* 1

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

Thermoplastic

20% 2026 \$6,100 1

## Motor Controllers

Locally Mounted

100% 2024 \$16,500 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**

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

**Lighting**

## Interior Lighting

## Fluorescent

78%

2026

\$104,700

10

\$8,800

*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

## Fluorescent

2%

2021

\$2,700

10

\$200

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%**Location : Boiler Room*

## Fluorescent

5%

0-2

\$6,700

2036

\* \*

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Sign Shop**Explanation : T-12 Lamps, Inadequate Lighting Level*

## Fluorescent

15%

2021

\$20,100

10

\$1,700

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

## Egress Lighting

## Exit, Service

100%

2026

\$1,900

1

## Exterior Lighting

## HID

100%

2026

\$36,500

10

**Alarm**

## Security System

## No Component

70%

## Generic

30%

2026

\$8,800

1

\$1,000

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

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

**Heating**

## Energy Source

## Fuel Oil

100%

2036

\* \*

5

\$3,800

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

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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			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Heating									
	Conversion Equipment								
	Hot Water Boiler	30%			2043	* *	1	\$1,800	
				Boiler Used For Hot Water, Extent : Light, Area Affected : 30%					
				Location : Sign Shop Boiler Room					
				Other Observation, Extent : Light, Area Affected : 30%					
				Location : Sign Shop Boiler Room					
				Explanation : 1 Unit, For Sign Shop					
	Steam Boiler	70%	0-2	\$56,900	2046	* *	1	\$7,700	
				Corroded, Extent : Severe, Area Affected : 70%					
				Location : Steam Boiler					
				On Extended Life, Extent : Severe, Area Affected : 70%					
				Location : Auto Shop Vault					
				Other Observation, Extent : Light, Area Affected : 70%					
				Location : Auto Shop Vault					
				Explanation : 1 Unit, For Auto Shop					
Distribution									
	Hot Wtr Piping/Pump	50%			2025	\$9,800	4	\$300	
	Central Plant Steam	50%			2026	\$106,200	4	\$300	
	Piping/Pmp								
Terminal Devices									
	Convactor/Radiator	30%			2031	* *	1	\$1,200	
	Fan Coil Unit/Heat	70%			2034	* *	1	\$2,800	
				Recent Replace Evident, Extent : Light, Area Affected : 70%					
				Location : Auto Shop					
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	30%			2019	\$7,800	1		
	No Component	70%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	25%			LIFE	* *	2-5	\$1,700	
	No Component	75%							
	Exhaust Fans								
	Interior	25%			2021	\$11,200	2	\$100	
	Roof	50%			2026	\$10,400	2	\$200	
	Wall Unit	25%			2031	* *	2	\$100	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%	Now	\$16,500	2031	* *	1		
				Corroded, Extent : Severe, Area Affected : 60%					
				Location : Throughout					

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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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Electric	70%			2025	\$7,700	4	\$100	
	No Component	30%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Not Energy Efficient, Separate Hot Water Heater Is Recommended							
Sanitary Piping									
	Cast Iron	100%	Now	\$1,800	LIFE	* *	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 5%							
		Location : Entrance To The Vault							
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2034	* *	4	\$200	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Auto Shop Vault							
Fixtures									
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2021	\$2,100	1-3	\$3,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside Gas Refill Station							
		Explanation : 2 Sets							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$443,700	
Interior Architecture	\$150,000	\$39,900
Electrical	\$186,500	\$81,800
Mechanical		\$399,300
<b>Total</b>	<b>\$780,100</b>	<b>\$521,000</b>
Importance Code A	\$443,700	
Importance Code B	\$336,400	\$521,000
<b>Total</b>	<b>\$780,100</b>	<b>\$521,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$70,800		\$5,400	
Interior Architecture	\$53,600		\$1,000	\$800
Electrical	\$24,400	\$300	\$22,800	\$100
Mechanical	\$4,600	\$1,400	\$9,700	\$1,400
<b>Total</b>	<b>\$153,300</b>	<b>\$1,700</b>	<b>\$38,900</b>	<b>\$2,400</b>
Importance Code A	\$71,600	\$900	\$6,300	\$900
Importance Code B	\$71,900	\$800	\$32,600	\$1,500
Importance Code C	\$9,800			
<b>Total</b>	<b>\$153,300</b>	<b>\$1,700</b>	<b>\$38,900</b>	<b>\$2,400</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		
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	\$240,400	LIFE	* *	5	\$24,300	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
		Location : South West Corner							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%							
		Location : East Facade							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 15%							
		Location : East Facade							
		Worn/Eroded, Extent : Severe, Area Affected : 15%							
		Location : Throughout							
	Metal Coiling Doors	2%	Now	\$33,500	2046	* *	5	\$800	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 80%							
		Location : East Facade							
		Deformed/Dented, Extent : Severe, Area Affected : 20%							
		Location : West Facade							
	Wood Overhead Doors	8%			2031	* *	5	\$10,800	
Windows									
	Steel	25%	Now	\$8,400	2051	* *	5	\$900	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Wood	75%	Now	\$13,500	2051	* *	5	\$2,200	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Glazing Broken/Cracked, Extent : Light, Area Affected : 5%							
		Location : Various Locations Throughout							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							

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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
Exterior									
	Parapets								
	Masonry: Brick	42%	Now	\$12,400	LIFE	**	5	\$2,000	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Pre-Cast Concrete	8%	Now	\$2,900	LIFE	**	5	\$2,400	
		Open Joints, Extent : Moderate, Area Affected : 25%							
		Location : Underside Of Coping							
	Wood Cornice	50%	Now	\$42,300	2036	**	5	\$13,600	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 75%							
		Location : Fascia On West Facade; Soffits On The South Side							
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Roof									
	Asphalt Shingle	30%	2-4	\$39,700	2041	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Built-Up (BUR)	40%	2-4	\$70,400	2036	**			2
		Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Ponding, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Metal, Corrugated	30%	Now	\$50,900	2046	**	1		
		Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%							
		Location : North East Side							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							

Interior

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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		
Interior									
Floors									
Cast in Place Concrete	70%	Now	\$20,700	LIFE	* *	5	\$39,900		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Various Locations Throughout									
Quarry Tile	5%			2031	* *	5	\$2,000		
Vinyl Tile	25%	Now	\$60,500	2036	* *	3	\$2,400		
Adhesion Failure, Extent : Moderate, Area Affected : 25%									
Location : Second Floor									
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Second Floor									
Interior Walls									
Masonry: Brick	65%	Now	\$9,800	LIFE	* *				
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%									
Location : West Garage Door Perimeter Of Opening									
Diagonal Cracks, Extent : Moderate, Area Affected : 15%									
Location : At Stairs									
Misaligned/Bulging, Extent : Light, Area Affected : 10%									
Location : North Wall In Stair Tower.									
Plaster	35%			LIFE	* *	5	\$400		
Ceilings									
Exposed Concrete	35%	Now	\$23,100	LIFE	* *	5	\$2,100		
Exposed Reinforcement, Extent : Light, Area Affected : 30%									
Location : Boiler Room									
Exposed Struc: Steel	30%	4+	\$51,800	LIFE	* *				
Paint Peeling, Extent : Severe, Area Affected : 10%									
Location : Throughout									
Plaster	35%	Now	\$37,700	LIFE	* *	5	\$8,200		
Horizontal Cracks, Extent : Moderate, Area Affected : 70%									
Location : West Garage Ceiling									
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%									
Location : Locker Rooms									

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$1,600	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Main Service Switch Rated @ 400 Amperes							
Switchgear / Switchboard									
	Fused Disc Sw	100%			2026	\$35,200	5	\$100	
Raceway									
	Conduit	100%			2026	\$34,200	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 MAINT GARAGE 2 BOROUGH CREWS**  
**Asset # : 888**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	10%			2034	* *	5		
	Molded Case Bkrs	20%			2034	* *	5	\$100	
	Molded Case Bkrs	70%			2025	\$11,400	5	\$200	
Wiring									
	Braided Cloth	80%	2-4	\$24,200	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	20%			2026	\$6,100	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	98%			2021	\$186,500	10	\$15,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	HID	2%			2021	\$2,600	10		
Exterior Lighting									
	HID	90%			2026	\$46,500	10		
	Incandescent	10%			2021	\$4,400	2		
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2026	\$12,400	1	\$1,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : C C T V Surveillance Cameras									

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil	100%			2036	* *	5	\$5,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Garage									
Explanation : B-10 Fuel, 1,000 Gallon Tank									
Conversion Equipment									
	Hot Water Boiler	100%			2031	* *	1	\$8,600	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%									
Location : Boiler									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Boiler Room									
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.

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**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>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>Priority</b>
<b>Heating</b>								
	Distribution							
	Hot Wtr Piping/Pump	100%		2025	\$27,700	4	\$900	
	Terminal Devices							
	Fan Coil Unit/Heat	100%		2026	\$266,600	1	\$5,600	
<b>Air Conditioning</b>								
	Energy Source							
	Electricity	100%		2034	* *	1		
	Conversion Equipment							
	Window/Wall Unit	10%		2021	\$3,700	1		
	No Component	90%						
<b>Ventilation</b>								
	Distribution							
	Ductwork/Diffusers	10%		LIFE	* *	2-5	\$1,000	
	No Component	90%						
	Exhaust Fans							
	Roof	10%		2026	\$3,000	2	\$100	
	Wall Unit	20%		2021	\$1,300	2	\$100	
	No Component	70%						
<b>Plumbing</b>								
	H/C Water Piping							
	Brass/Copper	100%		2026	\$132,700	1		
	Water Heater							
	Electric	20%		2019	\$3,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : QNS FARM MUSEUM - CREEDMOOR PARK CHICKEN COOP  
**Address** : 73-50 LITTLE NECK PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PAR0245.010 / 14506 **Yr Built/Renovated** : 1930 /  
**Area Sq Ft** : 345 **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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,000			
Interior Architecture				
Electrical				
<b>Total</b>	<b>\$12,000</b>			
Importance Code A	\$12,000			
Importance Code B				
Importance Code C				
<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**  
**QNS FARM MUSEUM - CREEDMOOR PARK CHICKEN COOP**  
**Asset # : 14506**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Alum/Vinyl Siding	90%			2036	* *	10	\$1,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Asphalt Shingles							
	Wood	10%	Now	\$7,900	2031	* *	5	\$1,700	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Wood Trims							
Roof									
	Asphalt Shingle	100%	Now	\$4,200	2029	* *			
		Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Interior									
	Floors								
	Cast in Place Concrete	100%			LIFE	* *	5	\$9,800	
	Interior Walls								
	Wood	100%			LIFE	* *	5	\$16,100	
	Ceilings								
	Exposed Struc: Wood	100%			LIFE	* *			
Electrical									
		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2036	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2034	* *	5		
	Wiring								
	Thermoplastic	100%			2036	* *	1		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2026	\$800	10	\$300	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 1,000 **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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$22,000			
Interior Architecture			\$1,100	
Electrical				
<b>Total</b>	<b>\$22,000</b>		<b>\$1,100</b>	
Importance Code A	\$22,000			
Importance Code B			\$1,100	
Importance Code C				
<b>Total</b>	<b>\$22,000</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**  
**QNS FARM MUSEUM - CREEDMOOR PARK COW BARN**  
**Asset # : 14510**

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

Wood

75%

2039

\* \*

5

\$25,800

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : This Component Is Actually Wood Shingles*

Wood Overhead Doors

25%

2039

\* \*

5

\$8,600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : North Facade**Explanation : This Component Is Actually Wood Swinging Barn Doors*

## Windows

Wood

100%

Now

\$4,800

2034

\* \*

5

\$2,600

*Deteriorated Finish, Extent : Moderate, Area Affected : 30%**Location : Throughout**Split/Cracked, Extent : Moderate, Area Affected : 25%**Location : Throughout*

## Roof

Asphalt Shingle

100%

2035

\* \*

10

\$900

## Interior

## Floors

Cast in Place Concrete

75%

LIFE

\* \*

5

\$7,400

Wood

25%

2041

\* \*

5

\$2,100

## Interior Walls

Wood

100%

LIFE

\* \*

5

\$16,100

## Ceilings

Exposed Struc: Wood

100%

LIFE

\* \*

## Electrical

System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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## Under 600 Volts

## Raceway

Conduit

100%

2036

\* \*

1

## Panelboards

Molded Case Bkrs

100%

2034

\* \*

5

## Wiring

Thermoplastic

100%

2036

\* \*

1

## Lighting

## Interior Lighting

Incandescent

100%

2026

\$5,700

2

## Exterior Lighting

Incandescent

100%

2026

\$3,500

2

## Mechanical

System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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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**  
**QNS FARM MUSEUM - CREEDMOOR PARK COW BARN**  
**Asset # : 14510**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$18,800		\$4,300	
Interior Architecture	\$5,100			
Electrical				
Mechanical			\$1,500	
<b>Total</b>	<b>\$23,900</b>		<b>\$5,800</b>	
Importance Code A	\$18,800		\$5,700	
Importance Code B	\$5,100		\$100	
Importance Code C				
<b>Total</b>	<b>\$23,900</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**  
**QNS FARM MUSEUM - CREEDMOOR PARK EDUCATION BLDG.**  
**Asset # : 14509**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	5%			LIFE	* *	5	\$1,700	
	Wood	25%			2031	* *	5	\$8,600	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : North Facade							
		Explanation : Wood Doors							
	Wood	70%			2039	* *	5	\$24,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Wood Shingles							
	Windows								
	Wood	100%			2034	* *	5	\$5,200	
Roof									
	Asphalt Shingle	100%	Now	\$4,200	2035	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : North Side							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : North Side							
Interior									
	Floors								
	Panel/Paver: Cer/Brk	100%			2034	* *	5	\$10,100	
	Interior Walls								
	Wood	100%			LIFE	* *	5	\$16,100	
	Ceilings								
	Exposed Struc: Wood	100%			LIFE	* *			
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2036	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2034	* *	5		
	Wiring								
	Thermoplastic	100%			2036	* *	1		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2026	\$1,400	10	\$500	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2036	* *	5	\$200	
	Conversion Equipment								
	Furnace	100%			2021	\$1,400	1	\$300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Utility Room								
	Explanation : 1 Unit								
	Distribution								
	Ductwork/Diffusers	20%			LIFE	* *	2-5	\$100	
	No Component	80%							
	Terminal Devices								
	Fan Coil Unit/Heat	100%			2026	\$8,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 5,500 **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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$339,500	\$177,300
<b>Total</b>	<b>\$339,500</b>	<b>\$177,300</b>
Importance Code A	\$339,500	\$177,300
<b>Total</b>	<b>\$339,500</b>	<b>\$177,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$48,700		\$11,800	
Interior Architecture	\$8,800			
Electrical	\$100	\$100	\$800	\$100
Mechanical	\$6,600	\$600	\$600	\$700
<b>Total</b>	<b>\$64,200</b>	<b>\$600</b>	<b>\$13,200</b>	<b>\$900</b>
Importance Code A	\$49,000	\$300	\$12,100	\$300
Importance Code B	\$8,600	\$300	\$1,100	\$600
Importance Code C	\$6,600			
<b>Total</b>	<b>\$64,200</b>	<b>\$600</b>	<b>\$13,200</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**  
**QNS FARM MUSEUM - CREEDMOOR PARK GREENHOUSE COMPLEX**  
**Asset # : 14507**

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	25%			LIFE	**	5	\$19,700	
	Masonry: Brick	10%			LIFE	**	5	\$1,600	
	Window Wall	40%			2036	**	5	\$23,600	
	Wood	25%	Now	\$22,500	2031	**	5	\$9,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Entrance Wing									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Wood Shingles									
Windows									
	Wood	100%	Now	\$24,500	2051	**	5	\$4,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Greenhouses									
Thermally Inefficient, Extent : Moderate, Area Affected : 50%									
Location : Greenhouses									
Roof									
	Asphalt Shingle	25%	Now	\$1,700	2029	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Over Entrance									
	Sloped Glazing	75%	Now	\$339,500	LIFE	**	5	\$177,300	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%									
Location : Greenhouses									
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Greenhouses									
Water Penetration, Extent : Severe, Area Affected : 25%									
Location : Greenhouses									
Interior									
Floors									
	Cast in Place Concrete	75%			LIFE	**	5	\$15,500	
	Wood	25%			2054	**	5	\$4,400	
Interior Walls									
	Cast in Place Concrete	15%	Now	\$4,900	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Greenhouses									
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : Basement									
	Gypsum Board	30%			LIFE	**	5	\$400	
	Wood	15%	Now	\$1,700	LIFE	**	5	\$1,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
Location : Walls Adjacent To Greenhouse Areas									
	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**

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

## Interior

## Ceilings

Gypsum Board	25%			LIFE		**	5	\$3,000	
Plaster	25%			LIFE		**	5	\$1,500	
No Component	50%								

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

## Under 600 Volts

## Raceway

Conduit	100%			2046		**	1		
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## Panelboards

Fused Disc Sw	5%			2042		**	5		
Molded Case Bkrs	95%			2042		**	5	\$100	

## 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		\$13,300	10	\$5,100	
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*Other Observation, Extent : Moderate, 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	\$800	
Exit, Service	50%			2031		**	1		

## Exterior Lighting

Incandescent	100%			2026		\$19,200	2		
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## Alarm

## Security System

No Component	70%								
Generic	30%			2026		\$5,400	1	\$600	

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

*Location : Inside*

*Explanation : C C T V Surveillance Cameras*

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

## Heating

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

*Estimates are rounded to the nearest hundred dollars.*

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

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2036	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2039	**	1	\$3,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 Units								
	Distribution								
	Hot Wtr Piping/Pump	100%			2034	**	4	\$300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : First Floor								
	Explanation : Water Heating Distribution Underneath The Green House								
	Terminal Devices								
	Convactor/Radiator	90%	Now	\$6,200	2039	**	1	\$1,700	
	Leak Evident, Extent : Severe, Area Affected : 60%								
	Location : Throughout Except The Gift Shop								
	Fan Coil Unit/Heat	10%			2026	\$9,700	1	\$200	
Plumbing									
	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	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 Unit, Manual Operation Only								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$8,100			\$500
Interior Architecture	\$2,700		\$400	\$100
Electrical	\$300	\$200	\$300	\$300
Mechanical	\$500	\$400	\$1,000	\$400
<b>Total</b>	<b>\$11,600</b>	<b>\$600</b>	<b>\$1,700</b>	<b>\$1,300</b>
Importance Code A	\$8,100			\$500
Importance Code B	\$3,500	\$600	\$1,700	\$700
Importance Code C				
<b>Total</b>	<b>\$11,600</b>	<b>\$600</b>	<b>\$1,700</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**  
**QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.**  
**Asset # : 14508**

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								
	Wood	70%			2039	* *	5	\$6,400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : This Component Is Actually Wood Shingles							
	Wood Overhead Doors	30%	Now	\$3,800	2031	* *	5	\$1,400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : South Facade							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : South Facade							
		Explanation : This Component Is Actually Wood Swinging Barn Doors							
Windows									
	Wood	60%			2042	* *	5	\$1,000	
	Wood	40%			2034	* *	5	\$700	
Roof									
	Asphalt Shingle	95%			2035	* *	10	\$100	
	Skylight, Metal/Glass	5%	Now	\$800	2046	* *			
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Over Second Floor							
Interior									
	Floors								
	Carpet	20%			2025	\$3,300	3	\$500	
	Cast in Place Concrete	5%			LIFE	* *	5	\$100	
	Ceramic Tile	5%			2035	* *	5	\$100	
	Wood	40%			2041	* *	5	\$900	
	Wood	30%	Now	\$2,500	2054	* *	5	\$300	
		Deflection Evident, Extent : Moderate, Area Affected : 25%							
		Location : Second Floor							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 25%							
		Location : Second Floor							
Interior Walls									
	Concrete Masonry Unit	5%			LIFE	* *	5		
	Gypsum Board	65%			LIFE	* *	5	\$200	
	Wood	30%			LIFE	* *	5	\$600	
Ceilings									
	Embossed Metal	20%			LIFE	* *	5	\$100	
	Gypsum Board	80%			LIFE	* *	5	\$1,200	
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Second Floor							

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

Under 600 Volts

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2036	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Main Service Switch Rated @ 400 Amperes							
	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		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	2%			2026	\$100	10		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : T-12 Lamps							
	Fluorescent	5%			2026	\$200	10		
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
	Fluorescent	5%			2026	\$200	10		
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
	Incandescent	88%			2031	**	2		
	Egress Lighting								
	Emergency, Battery	50%			2026	\$600	10	\$100	
	Exit, Service	50%			2026	\$100	1		
	Exterior Lighting								
	Fluorescent	80%			2026	\$9,500	10	\$200	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
	HID	20%			2026	\$2,800	10		
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2041	**	5		
Alarm									

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**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK HORSE BARN / ADMIN BLDG.**  
**Asset # : 14508**

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

**Alarm**

## Security System

No Component

70%

Generic

30%

2031

\* \*

1

\$400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Inside And Outside**Explanation : C C T V Surveillance Cameras*

## Fire/Smoke Detection

Generic, Digital

100%

2031

\* \*

1-3

\$2,200

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

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

**Heating**

## Energy Source

Natural Gas

100%

2036

\* \*

1

## Conversion Equipment

Hot Water Boiler

100%

2031

\* \*

1

\$400

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

## Distribution

Hot Wtr Piping/Pump

100%

2025

\$1,300

4

## Terminal Devices

Convactor/Radiator

100%

2024

\$4,300

1

\$300

**Air Conditioning**

## Energy Source

Electricity

100%

2042

\* \*

1

## Conversion Equipment

Exterior Pkg Unit - Cooling

70%

2034

\* \*

2

*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

\$200

No Component

50%

## Exhaust Fans

Roof

50%

Now

\$100

2026

\$700

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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Brass/Copper	70%			2036	* *	1		
	Galvanized Steel	30%			2024	\$1,100	1		
	Water Heater								
	Gas Fired	50%			2021	\$200	2		
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Basement							
		Explanation : 1 Unit							
	Gas Fired	50%			2025	\$200	2		
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Basement							
		Explanation : 1 Unit							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	50%			2019	\$100	4	\$100	
	No Component	50%							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2036	* *	1-2	\$200	
	Chemical System								
	Generic	100%			2024	\$2,100	1-3	\$3,700	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$54,300	
<b>Total</b>	<b>\$54,300</b>	
Importance Code A	\$54,300	
<b>Total</b>	<b>\$54,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,500			
Interior Architecture	\$7,100			\$12,800
Electrical		\$100	\$53,700	
Mechanical	\$500	\$700	\$1,700	\$700
<b>Total</b>	<b>\$15,000</b>	<b>\$800</b>	<b>\$55,400</b>	<b>\$13,400</b>
Importance Code A	\$7,500	\$200		\$200
Importance Code B	\$7,600	\$600	\$55,400	\$13,300
Importance Code C				
<b>Total</b>	<b>\$15,000</b>	<b>\$800</b>	<b>\$55,400</b>	<b>\$13,400</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**  
**QNS FARM MUSEUM - CREEDMOOR PARK JACOB ADRIANCE HOUSE**  
**Asset # : 4533**

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	3%			LIFE	**	5	\$200	
	Masonry: Fieldstone	7%			LIFE	**	5	\$400	
	Wood	90%	Now	\$54,300	2031	**	5	\$18,700	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Paint Peeling, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : This Component Is Actually Wood Shingles.								
Windows									
	Wood	100%	Now	\$6,300	2034	**	5	\$3,800	
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
	Location : 2nd Floor								
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Roof									
	Wood Shingles	100%			2029	**	10	\$1,200	
Interior									
	Floors								
	Carpet	10%			2022	\$12,300	3	\$1,800	
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Wood	80%			2029	**	5	\$13,300	
Interior Walls									
	Concrete Masonry Unit	2%			LIFE	**	5		
	Masonry: Fieldstone	20%			LIFE	**			
	Plaster	58%			LIFE	**	5	\$800	
	Wood	20%			LIFE	**	5	\$3,700	
Ceilings									
	Embossed Metal	15%			LIFE	**	5	\$600	
	Exposed Struc: Wood	25%			LIFE	**			
	Plaster	60%			LIFE	**	5	\$3,300	

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2036	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Main Service Switch Rated @ 600 Amperes							
<hr/>									
	Switchgear / Switchboard								
	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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Raceway									
	Conduit	50%			2026	\$2,000	1		
	Conduit	45%			2036	* *	1		
	Tray	5%			2031	* *	1		
Panelboards									
	Fused Disc Sw	10%			2034	* *	5		
	Molded Case Bkrs	90%			2025	\$7,300	5	\$100	
Covers Missing, Extent : Moderate, Area Affected : 5%									
Location : Boiler Room									
Wiring									
	Thermoplastic	100%			2036	* *	1		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
Interior Lighting									
	Fluorescent	5%			2021	\$700	10	\$300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : 2nd Floor									
Explanation : T-12 Lamps									
	Incandescent	95%			2021	\$32,000	2	\$100	
Exterior Lighting									
	Incandescent	100%			2021	\$20,700	2		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2046	* *	1		
Conversion Equipment									
	Heat Pump Air Sourced	50%			2030	* *	2	\$900	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Back Yard							
		Explanation : 1 Unit							
	No Component	50%							
Terminal Devices									
	Fan Coil Unit/Heat	50%			2034	* *	1	\$1,000	
	No Component	50%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		

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

**DEPT. OF PARKS & RECREATION - 846**  
**QNS FARM MUSEUM - CREEDMOOR PARK JACOB ADRIANCE HOUSE**  
**Asset # : 4533**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Heat Pump Air Sourced	50%			2030	* *	2	\$200	
			R-22 Refrigerant, Extent : Light, Area Affected : 50%						
			Location : Back Yard, Evap Condenser Unit						
	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	\$5,300	4		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : 50 Gal. Residential Type						
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2021	\$200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Jul-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3  
**Block** : 1819 **Lot** : 203 **BIN** : 1087582

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Interior Architecture		\$255,900
Mechanical		\$989,700
<b>Total</b>		<b>\$1,245,600</b>
Importance Code B		\$1,245,600
<b>Total</b>		<b>\$1,245,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$46,800			\$100
Interior Architecture	\$37,400			\$6,100
Electrical	\$9,200	\$38,000	\$8,400	\$6,800
Mechanical	\$7,200	\$28,300	\$14,400	\$14,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$104,600</b>	<b>\$70,200</b>	<b>\$26,700</b>	<b>\$30,900</b>
Importance Code A	\$49,300	\$2,600	\$2,500	\$2,500
Importance Code B	\$50,900	\$67,600	\$24,300	\$28,400
Importance Code C	\$4,400			
<b>Total</b>	<b>\$104,600</b>	<b>\$70,200</b>	<b>\$26,700</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**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

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									
	Fiberglass Panel	15%			2034	**	5	\$35,100	
	Metal, Corrugated	65%			2051	**	1		
	Metal Sect. OHD	10%			2038	**	5	\$19,500	
	Metal: Cage/Fence	10%			2038	**	5	\$27,300	
Windows									
	Aluminum	100%			2047	**	5	\$100	
Parapets									
	Metal Panel	15%			2045	**	5		
	Metal Rail	85%			2042	**	5-10		
Roof									
	Single Ply Membrane	100%	Now	\$29,300	2030	**			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 20%									
Location : East Side Of Stadium Roof									
Interior									
Floors									
	Carpet	10%	2-4	\$19,000	2024	\$94,900	3	\$11,200	
Worn/Eroded, Extent : Moderate, Area Affected : 100%									
Location : Facilities Offices									
	Cast in Place Concrete	60%	Now	\$9,300	LIFE	**	5	\$97,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Entrance Stair At Top Step									
Horizontal Cracks, Extent : Moderate, Area Affected : 5%									
Location : Entrance Stair At Top Step									
	Ceramic Tile	5%			2038	**	5	\$3,700	
	Vinyl Tile	25%			2025	\$158,100	3	\$9,300	
Interior Walls									
	Cast in Place Concrete	20%			LIFE	**			
	Ceramic Tile	5%			2034	**	5	\$2,100	
	Gypsum Board	40%	Now	\$3,400	LIFE	**	5	\$9,900	
Vertical Cracks, Extent : Light, Area Affected : 100%									
Location : Over Doorways In The Main Corridor									
	Metal Panel	35%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 35%									
Location : At Concessions									
Explanation : Corrugated Metal Walls And Roll Ups									
Ceilings									
	AcousTileSusp.Lay-In	20%	Now	\$2,400	2038	**	5	\$7,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Exam Room #1									
Explanation : Ceiling Tile Damaged From Water Leakage									
	Exposed Concrete	15%			LIFE	**	5	\$1,700	
	Exposed Struc: Steel	60%			LIFE	**			
Corrosion/Rusting, Extent : Light, Area Affected : 10%									
Location : Underside Of Second Floor Deck And Stairs									
	Gypsum Board	5%			LIFE	**	5	\$4,700	

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**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2045	**	5	\$200	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : 2- Main Service Switches Rated @ 1200 Amperes Each						
Transformers									
	Dry Type	100%			2038	**	5	\$200	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : 150 Kva, 75 Kva, 30 Kva, 480/208/120 Volts						
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2045	**	5	\$1,300	
Raceway									
	Conduit	100%			2045	**	1		
Panelboards									
	Molded Case Bkrs	100%			2041	**	5	\$1,300	
Wiring									
	Thermoplastic	100%			2045	**	1		
Motor Controllers									
	Locally Mounted	100%			2038	**	5	\$300	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$700	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2038	**	1	\$15,300	
Generators									
	Diesel	100%			2034	**	1	\$19,300	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : 2nd Floor Generator Room						
			Explanation : Emergency Generator Rated @ 60 Kw						
Batteries									
	Lead/Acid	100%			2019	\$1,500	5	\$1,800	
Fuel Storage									
	Main Tank	100%			2053	**	5	\$1,500	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Generator Room						
			Explanation : 75 Gallon Capacity						
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**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

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

## Lighting

Interior Lighting  
Fluorescent

60%  
2030 \* \* 10 \$27,400  
*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*  
*Location : 1st Floor*

Fluorescent

5%  
2030 \* \* 10 \$2,300  
*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*  
*Location : Hallways*

HID

35%  
2030 \* \* 10 \$600

Egress Lighting

Emergency, Service

50%  
2030 \* \* 1

Exit, Service

50%  
2030 \* \* 1

Exterior Lighting

HID

100%  
2030 \* \* 10 \$200

## Alarm

Security System

No Component

70%

Generic

30%  
2030 \* \* 1 \$5,600  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Hallways And Outside*  
*Explanation : C C T V Surveillance Cameras*

Fire/Smoke Detection

Generic, Digital

100%  
2030 \* \* 1-3 \$30,700  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : Strobe Lights, Smoke Detectors, Horns, Manual Pull Stations*

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

## Heating

Energy Source

Fuel Oil

100%  
2045 \* \* 5 \$15,400  
*No. 2 Fuel Oil, Extent : Light, Area Affected : 100%*  
*Location : Throughout*

Conversion Equipment

Hot Water Boiler

100%  
2038 \* \* 1 \$24,600  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : 1st Floor*  
*Explanation : One Unit*

Terminal Devices

Convactor/Radiator

75%  
2038 \* \* 1 \$12,100

Fan Coil Unit/Heat

25%  
2030 \* \* 1 \$4,000

*Other Observation, Extent : Light, Area Affected : 30%*  
*Location : Throughout*  
*Explanation : Electric Unit Heaters In Non Air Conditioned Spaces*

## 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**  
**RANDALLS ISLAND ICAHN STADIUM**  
**Asset # : 14363**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Energy Source								
	Electricity	100%			2041	**	1		
Conversion Equipment									
	Int Pkg Unit - Heating/Cooling	100%			2026	\$989,700	2	\$3,000	
Heat Rejection									
	Evaporative Condenser	100%			2030	**	2	\$34,700	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$27,800	
Exhaust Fans									
	Interior	100%			2030	**	2	\$1,500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	**	1		
HW Heat Exchanger									
	Steam Fired	100%			2045	**	4	\$4,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 2 Hot Water Heat Exchangers With 500 Gallon Tanks / Oil Fired H W Boiler Serves Only The Heat Exchangers								
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	**	1		
Backflow Preventer									
	Generic	100%			2030	**	1	\$3,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Pump Room								
	Explanation : 1 Fire, 1 Domestic								
Fixtures									
	Generic	100%							
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor								
	Explanation : Stainless Steel Institutional Fixtures								
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Levels 1 - 3								
	Explanation : 1 Unit								
Fire Suppression									
	Standpipe								
	Generic	100%			2045	**	1-5	\$25,100	
Sprinkler									
	Generic	100%			2045	**	1-2	\$13,900	

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

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Jul-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 203 **BIN** : 1811452

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$70,400	\$241,400
Mechanical		\$109,200
<b>Total</b>	<b>\$70,400</b>	<b>\$350,600</b>
Importance Code A	\$70,400	\$241,400
Importance Code B		\$109,200
<b>Total</b>	<b>\$70,400</b>	<b>\$350,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$6,000		\$3,800	\$2,000
Interior Architecture	\$14,500	\$10,800	\$900	
Electrical	\$1,100	\$1,100	\$1,600	\$1,300
Mechanical	\$1,700	\$4,400	\$2,900	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$27,200</b>	<b>\$20,200</b>	<b>\$13,200</b>	<b>\$9,800</b>
Importance Code A	\$6,800	\$800	\$4,600	\$2,800
Importance Code B	\$20,400	\$19,400	\$8,000	\$7,000
Importance Code C			\$600	
<b>Total</b>	<b>\$27,200</b>	<b>\$20,200</b>	<b>\$13,200</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**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Metal Panel	95%			2045	**	5-10	\$258,300	
	Window Wall	5%			2051	**	5	\$7,400	
Windows									
	Aluminum	70%			2047	**	5	\$2,300	
	Fiberglass Panel	15%			2047	**	5	\$1,800	
	Metal Louvers	15%			2038	**	10	\$3,000	
Parapets									
	Metal Panel	5%			2051	**	5	\$200	
	No Component	95%							
Roof									
	Built-Up (BUR)	2%			2033	**	10	\$700	
	Cast in Place Concrete	5%	Now	\$6,000	LIFE	**			
	Metal Panel	83%			2038	**	10	\$53,600	
	Single Ply Membrane	5%			2033	**	10	\$1,800	
	Skylight, Metal/Glass	5%			2045	**	10	\$5,900	
Interior									
Floors									
	Carpet	3%			2024	\$9,000	3	\$1,100	
	Cast in Place Concrete	20%	Now	\$9,800	LIFE	**	5	\$10,300	
	Horizontal Cracks, Extent : Moderate, Area Affected : 100%								
	Location : Throughout Reception / 2nd Floor Classrooms								
	Ceramic Tile	7%			2038	**	5	\$1,600	
	Sheet Vinyl/Rubber	5%			2030	**	5	\$1,800	
	Traffic Topping	60%			2030	**	5	\$17,600	
	Wood	5%			2060	**	5	\$2,200	
Interior Walls									
	Folding Partition	2%			2041	**	5	\$1,200	
	Gypsum Board	83%			LIFE	**	5	\$11,900	
	Wood	15%			LIFE	**	5	\$14,300	
Ceilings									
	AcousTileSusp.Lay-In	10%			2038	**	5	\$2,300	
	Fiber Board	70%			2033	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Ceiling Of The Rigid Frame Structure Over Interior Courts								
	Explanation : This Component Refers To An Insulation Blanket								
	Gypsum Board	20%	Now	\$4,700	LIFE	**	5	\$5,900	
	Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Cracks In Ceiling At Joint Between First And Second Bays								
	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : Steel Column At Main Stair - Running Down From Pitched Roof								

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

**Under 600 Volts**

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2051	**	5	\$100	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room					
				Explanation : Main Service Switch Rated @ 1200 Amperes					
Transformers									
	Dry Type	100%			2042	**	5	\$100	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Electrical Room					
				Explanation : 2- 225 Kva, 480/208/120 Volts					
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2051	**	5	\$400	
Raceway									
	Conduit	100%			2051	**	1		
Panelboards									
	Molded Case Bkrs	100%			2047	**	5	\$400	
Wiring									
	Thermoplastic	100%			2051	**	1		
Motor Controllers									
	Locally Mounted	100%			2042	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	90%			2033	**	10	\$13,000	
				T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
	Fluorescent	5%			2033	**	10	\$700	
				T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%					
				Location : 2nd Floor					
	Fluorescent	5%			2033	**	10	\$700	
				Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%					
				Location : Lobby					
Egress Lighting									
	Emergency, Battery	50%			2033	**	10	\$1,900	
	Exit, LED	40%			2060	**	1		
	Exit, Battery	10%			2033	**	10	\$100	
Exterior Lighting									
	HID	100%			2033	**	10		
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2033	**	1	\$1,800	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Hallways And Outside					
				Explanation : C C T V Surveillance Cameras					

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

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

## Alarm

Fire/Smoke Detection

Generic, Digital

100%

2033

\* \*

1-3

\$9,700

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

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

## Heating

Energy Source

Electricity

35%

2045

\* \*

1

*Other Observation, Extent : Light, Area Affected : 100%**Location : Club House Portion**Explanation : Electric Serves Only The Club House Portion Of The Building*

Fuel Oil No 2

65%

2045

\* \*

5

\$3,200

*No. 2 Fuel Oil, Extent : Light, Area Affected : 100%**Location : Tennis Court Area*

Conversion Equipment

Furnace

65%

2030

\* \*

1

\$5,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Tennis Court Area**Explanation : Oil Furnace Serves Only Court Area*

Furnace

35%

2030

\* \*

1

\$2,700

*Other Observation, Extent : Light, Area Affected : 100%**Location : Club House Portion Of Building**Explanation : Electric Heating / Cooling Units And Several Electric Unit Heaters Serve The Club House Area*

## Air Conditioning

Energy Source

Electricity

100%

2041

\* \*

1

Conversion Equipment

Int Pkg Unit -

Heating/Cooling

35%

2026

\$109,200

2

\$300

*Other Observation, Extent : Light, Area Affected : 100%**Location : Club House Area**Explanation : Only Club House Area Has Air Conditioning*

No Component

65%

Heat Rejection

Air Cooled Condenser

Unit

35%

2030

\* \*

2

\$3,800

No Component

65%

## Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$8,700

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

**DEPT. OF PARKS & RECREATION - 846**  
**RANDALLS ISLAND TENNIS CENTER**  
**Asset # : 578**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Interior	100%			2030	* *	2	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
	Water Heater								
	Oil Fired	100%			2023	\$12,200	1	\$500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Mechanical Equipment Room								
	Explanation : 1 Unit 400 Gallons								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2030	* *	1	\$1,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Meter Room								
	Explanation : Fire And Domestic								
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1 - 2								
	Explanation : 1 Unit								
Fire Suppression									
	Sprinkler								
	No Component	65%							
	Generic	35%			2045	* *	1-2	\$1,500	
	Fire Pump								
	Generic	100%			2034	* *	1	\$2,900	
	Chemical System								
	Generic	100%			2023	\$1,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS  
**Address** : OSTEGO/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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$937,300	\$508,200
Interior Architecture	\$923,800	\$176,200
Electrical	\$73,000	\$89,500
Mechanical		\$147,000
<b>Total</b>	<b>\$1,934,100</b>	<b>\$920,900</b>
Importance Code A	\$937,300	\$508,200
Importance Code B	\$313,200	\$412,700
Importance Code C	\$683,600	
<b>Total</b>	<b>\$1,934,100</b>	<b>\$920,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$94,700			
Interior Architecture	\$39,700		\$2,600	\$800
Electrical	\$32,800	\$4,300	\$4,900	\$4,500
Mechanical	\$31,800	\$4,300	\$4,100	\$4,000
Site Enclosure	\$3,600			
Site Pavements	\$19,000			
<b>Total</b>	<b>\$221,600</b>	<b>\$8,600</b>	<b>\$11,700</b>	<b>\$9,300</b>
Importance Code A	\$96,000	\$1,300	\$1,300	\$1,300
Importance Code B	\$77,600	\$7,300	\$10,400	\$8,000
Importance Code C	\$48,000			
<b>Total</b>	<b>\$221,600</b>	<b>\$8,600</b>	<b>\$11,700</b>	<b>\$9,300</b>



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

*Estimates are rounded to the nearest hundred dollars.*

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

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



**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**  
**Asset # : 1174**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$67,800	LIFE	* *	5	\$30,100	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Front Entrance								
Exposed Reinforcement, Extent : Severe, Area Affected : 15%								
Location : Base Of Building								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Front Entrance								
Explanation : Jnt Mortar Miss/ Erod								
Masonry: Brick	55%	Now	\$398,900	LIFE	* *	5	\$33,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : North Side Of Pool And Flanking Men/ Women Locker Rooms								
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : At Window Lintels And Door Headers								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : At Wall Penetrations								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : At Window And Door Lintels								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : North Side Of Pool And Flanking Men/ Women Locker Rooms								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : North Side Of Pool And Flanking Men/ Women Locker Rooms								
Masonry: Brick	25%			LIFE	* *	5	\$30,100	
Masonry: Granite	2%			LIFE	* *	5	\$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pool Side Facade								
Explanation : Sculptural Panels								
Pre-Cast Concrete	8%			LIFE	* *	5	\$31,300	

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

**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**  
**Asset # : 1174**

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									
	Windows								
	Aluminum	50%	Now	\$177,700	2053	* *	5	\$2,100	
		Air Infiltration, Extent : Severe, Area Affected : 75%							
		Location : All Windows							
		Bent/Warped Elements, Extent : Severe, Area Affected : 25%							
		Location : Various Locations Throughout							
		Hardware Missing, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 40%							
		Location : In Gymnasium							
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : Entry Lobby Poolside Wall							
		Explanation : Automatic Operating Windows In Lobby Not Operating And Leaking.							
	Aluminum	50%	Now	\$204,400	2053	* *	5	\$2,100	
		Air Infiltration, Extent : Severe, Area Affected : 50%							
		Location : All Locations Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 30%							
		Location : Various Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Street Facade							
		Explanation : Protective Metal Grilles							
Parapets									
	Masonry: Brick	40%	Now	\$88,500	LIFE	* *	5	\$7,700	
		Diagonal Cracks, Extent : Light, Area Affected : 5%							
		Location : Roof Bulkhead Parapet							
		Spalling, Extent : Moderate, Area Affected : 30%							
		Location : North Side Of Pool And Flanking Men/ Women Locker Rooms							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : North Side Of Pool And Flanking Men/ Women Locker Rooms							
	Masonry: Brick	25%			LIFE	* *	5-10	\$32,800	
	Metal Panel	25%			2038	* *	5	\$18,600	
	Pre-Cast Concrete	10%			LIFE	* *	5	\$24,200	
Roof									
	Modified Bitumen	100%	Now	\$23,000	2028	\$460,000			
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : At Roof Drains In Male, Female Locker Rooms, Roof Penetration In Gymnasium							

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**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**  
**Asset # : 1174**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Floors									
Cast in Place Concrete	50%	Now	\$87,600	LIFE	* *	5	\$46,200		
Cracking/Crumbling, Extent : Severe, Area Affected : 25%									
Location : Basement									
Ponding, Extent : Severe, Area Affected : 20%									
Location : Basement									
Worn/Eroded, Extent : Severe, Area Affected : 25%									
Location : Basement And Pool Tunnels									
Other Observation, Extent : Severe, Area Affected : 50%									
Location : Basement And Pool Tunnels									
Explanation : Lower Floor Sustained Severe Damage During Sandy									
Cast in Place Concrete	15%	Now	\$3,300	LIFE	* *	5	\$13,800		
Worn/Eroded, Extent : Moderate, Area Affected : 15%									
Location : Gymnasium Surface									
Ceramic Tile	5%			2041	* *	5	\$2,100		
Ceramic Tile	5%	Now	\$40,800	2043	* *	5	\$1,100		
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : Basement Bathrooms									
Quarry Tile	5%			2041	* *	5	\$3,200		
Sheet Vinyl/Rubber	5%			2028	\$62,500	5	\$3,200		
Vinyl Tile	15%			2028	\$53,700	3	\$3,200		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Offices									
Interior Walls									
Cast in Place Concrete	30%	Now	\$508,300	LIFE	* *				
Cracking/Crumbling, Extent : Severe, Area Affected : 20%									
Location : Basement Walls									
Exposed Reinforcement, Extent : Severe, Area Affected : 15%									
Location : Basement Walls Abutting Pool									
Water Penetration, Extent : Severe, Area Affected : 20%									
Location : At Expansion Joints In Basement And Pool Tunnels									
Glass Block	5%			LIFE	* *	10	\$1,800		
Masonry: Brick	5%	0-2	\$17,400	LIFE	* *				
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : Main Lobby									
Spalling, Extent : Light, Area Affected : 10%									
Location : Main Lobby									
Plaster	20%			LIFE	* *	5-10	\$15,200		
Plaster	10%	Now	\$71,600	LIFE	* *	5	\$2,700		
Worn/Eroded, Extent : Severe, Area Affected : 100%									
Location : Basement Walls									
SGFT/Glazed Masonry	30%	4+	\$103,700	LIFE	* *				
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : Throughout Corridors									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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 BATHHOUSE - BOYS AND GIRLS**  
**Asset # : 1174**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	AcousTileSusp.Lay-In	5%	4+	\$1,700	2033	* *	5	\$1,100	
		Staining/Discoloring, Extent : Moderate, Area Affected : 10%							
		Location : Maintenance Office							
	Exposed Concrete	80%	0-2	\$108,400	LIFE	* *	5	\$5,300	
		Paint Peeling, Extent : Moderate, Area Affected : 20%							
		Location : Locker Room Bathrooms And Basement							
	Metal Panel	5%			LIFE	* *	5	\$5,300	
	Plaster	10%	Now	\$5,500	LIFE	* *	5	\$2,600	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Weight Room							
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : Weight Room							
Site Enclosure									
	Fence/Gates								
	Aluminum Picket	100%			2048	* *			
	Retaining Walls								
	Masonry: Brick	70%	Now	\$2,600	2038	* *			
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
		Location : Planter Beds At Main Entrance							
	Masonry: Fieldstone	30%	0-2	\$1,100	2038	* *			
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Coping Stones At Planter Beds / Main Entrance							
Site Pavements									
	On-Site Walkways								
	Pavers/Stone	95%	0-2	\$18,500	2031	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : Bay Street Walkway							
		Sinking/Subsiding, Extent : Moderate, Area Affected : 30%							
		Location : Perimeter Street Corners							
	Pavers/Stone	5%	Now	\$500	2031	* *			
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Entry Stairs							
		Explanation : Joint Erosion							

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2058	* *	5	\$700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room Basement									
Explanation : One 600 Amperes Main Disconnect Switch									

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**  
**Asset # : 1174**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Transformers									
	Dry Type	30%			2026	\$4,700	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room - Basement									
Explanation : One 50 Kva 480hv-208/120lv									
	Dry Type	70%			2033	**	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room - Basement									
Explanation : Two 75 Kva 480hv-208/120lv									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2058	**	5	\$700	
Raceway									
	Conduit	85%			2028	\$3,200	1		
	Conduit	10%			2038	**	1		
	Conduit	5%			2058	**	1		
Panelboards									
	Fused Disc Sw	10%			2027	\$1,500	5	\$100	
	Fused Disc Sw	5%			2053	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Roof									
Explanation : For The Solar Panel System									
	Molded Case Bkrs	20%			2036	**	5	\$100	
	Molded Case Bkrs	55%			2027	\$8,200	5	\$400	
	Molded Case Bkrs	10%			2053	**	5	\$100	
Wiring									
	Thermoplastic	70%			2028	\$5,700	1		
	Thermoplastic	20%			2038	**	1		
	Thermoplastic	10%			2058	**	1		
Motor Controllers									
	Locally Mounted	30%			2026	\$6,500	5	\$100	
	Locally Mounted	60%			2033	**	5	\$100	
	Locally Mounted	10%			2048	**	5		
Ground									
Grounding Devices									
	Generic	100%	Now	\$9,500	LIFE	**	5	\$400	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Water Main - Basement									
Explanation : Corroded									
Stand-by Power									
Transfer Switches									
	Automatic	100%	Now	\$8,900	2048	**	1	\$7,300	
Not in Service, Extent : Severe, Area Affected : 100%									
Location : Generator									

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA BATHHOUSE - BOYS AND GIRLS**

**Asset # : 1174**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Generators								
	Diesel	100%	Now	\$73,000	2043	* *	1	\$9,200	
		Not in Service, Extent : Severe, Area Affected : 100%							
		Location : Generator Room - Basement							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Generator Room - Basement							
		Explanation : One 33 Kw Diesel Kholer Generator							
Fuel Storage									
	Day Tank	100%	Now	\$1,900	2053	* *	5	\$2,400	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Generator Room - Basement							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	78%			2033	* *	10	\$18,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout the building							
		Explanation : Using T-8 Lamps							
	Fluorescent	20%			2036	* *	10	\$4,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Gymnasium And Recreation Area First Floor							
		Explanation : T-5 Lamps							
	Fluorescent	2%			2033	* *	10	\$500	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Front Desk Lobby And Janitors Room							
Egress Lighting									
	Emergency, Battery	50%			2028	\$17,800	10	\$3,200	
	Exit, Battery	50%			2028	\$12,100	10	\$900	
Exterior Lighting									
	HID	90%			2023	\$89,500	10	\$100	
	HID	10%	Now	\$9,900	2038	* *			
		Malfunctioning, Extent : Severe, Area Affected : 100%							
		Location : Outside Front Of The Building							
Alarm									
	Security System								
	Generic	100%			2033	* *	1	\$9,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Inside And Outside Of The Building							
		Explanation : Eight CCTV Cameras							
Fire/Smoke Detection									
	Generic, Digital	100%			2033	* *	1-3	\$16,200	

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

**Heating**

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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		
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	\$48,000	5	\$8,200	
Conversion Equipment	Hot Water Boiler	100%			2041	**	1	\$13,000	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 2 Units									
Distribution	Hot Wtr Piping/Pump	100%			2044	**	4	\$2,000	
Terminal Devices	Convactor/Radiator	75%			2026	\$99,000	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	
Other Observation, Extent : Severe, Area Affected : 45%									
Location : Roof									
Explanation : 3 Units. R-410a									
	Window/Wall Unit	10%			2023	\$5,100	1		
	No Component	45%							
Ventilation									
Distribution	Ductwork/Diffusers	60%			LIFE	**	2-5	\$14,000	
	No Component	40%							
Exhaust Fans	Interior	10%			2023	\$8,800	2	\$100	
	Roof	60%			2033	**	2	\$500	
	No Component	30%							
Plumbing									
H/C Water Piping	Galvanized Steel	100%	0-2	\$5,400	2033	**	1		
Corroded, Extent : Moderate, Area Affected : 15%									
Location : Various Locations									
HW Heat Exchanger	Steam Fired	100%			2038	**	4	\$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : 2 Units									
Sanitary Piping	Cast Iron	100%	Now	\$18,000	LIFE	**	1		
Corroded, Extent : Moderate, Area Affected : 15%									
Location : Cross Bay									
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>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>Priority</b>
Plumbing								
	Sump Pump(s)							
	Non-Submersible	100%		2023	\$3,800	4	\$800	
	Sewage Ejector(s)							
	Electric	100%		2028	\$7,100	4	\$1,600	
	Fixtures							
	Generic	100%						
Fire Suppression								
	Standpipe							
	Generic	100%		2038	* *	1-5	\$13,300	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : RED HOOK RECREATION AREA FILTER HOUSE  
**Address** : OSTEGO/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** : 05-Sep-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 582 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$512,200	
Interior Architecture	\$995,500	\$37,500
Electrical	\$144,900	\$87,000
Mechanical	\$606,500	
<b>Total</b>	<b>\$2,259,200</b>	<b>\$124,400</b>
Importance Code A	\$512,200	
Importance Code B	\$966,900	\$124,400
Importance Code C	\$780,000	
<b>Total</b>	<b>\$2,259,200</b>	<b>\$124,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$20,800			\$6,600
Interior Architecture	\$17,800			
Electrical	\$26,300	\$700	\$700	\$16,800
Mechanical	\$52,500	\$600	\$500	\$600
<b>Total</b>	<b>\$117,400</b>	<b>\$1,300</b>	<b>\$1,200</b>	<b>\$23,900</b>
Importance Code A	\$20,800			\$6,600
Importance Code B	\$96,600	\$1,300	\$1,200	\$17,300
<b>Total</b>	<b>\$117,400</b>	<b>\$1,300</b>	<b>\$1,200</b>	<b>\$23,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**  
**Asset # : 1175**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	5%			LIFE	**	5	\$7,600	
	Masonry: Brick	95%	Now	\$350,000	LIFE	**	5	\$29,000	1
	Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%								
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Throughout								
	Worn/Eroded, Extent : Light, Area Affected : 35%								
	Location : Throughout								
Windows									
	Aluminum	100%			2032	**	5	\$13,100	
Parapets									
	Masonry: Brick	95%	Now	\$162,200	LIFE	**	5	\$14,100	1
	Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
	Pre-Cast Concrete	5%	Now	\$5,300	LIFE	**	5	\$4,700	1
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
Roof									
	Cast in Place Concrete	80%	Now	\$11,400	LIFE	**			
	Recent Repair Evident, Extent : Light, Area Affected : 50%								
	Location : Throughout, 2011								
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 2%								
	Location : Stair Risers								
	Explanation : Water Pooling And Bubbling Under Paint								
	Modified Bitumen	20%			2029	**	10	\$4,100	
	Recent Repair Evident, Extent : Light, Area Affected : 50%								
	Location : Throughout, 2010								

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**  
**Asset # : 1175**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	80%	Now	\$17,800	LIFE	**	5	\$37,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Steel Plate	20%	Now	\$78,000	LIFE	**	1		
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Upper Cat Walk</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Upper Cat Walk</i>								
<i>Explanation : Diamond Plate Rusted Through On Cat Walk Needs Replacement</i>								
Interior Walls								
Cast in Place Concrete	100%	Now	\$780,000	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>								
Ceilings								
Exposed Concrete	100%	Now	\$137,500	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</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>								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$4,800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two 600 Amperes Main Disconnect Switch</i>								
Transformers								
Dry Type	100%			2022	\$15,800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Two 300 Kva</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	\$48,800	5		
Raceway								
Conduit	10%			2034	**	1		
Conduit	90%			2024	\$4,800	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**RED HOOK RECREATION AREA FILTER HOUSE**

**Asset # : 1175**

Electrical			Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	20%			2023	\$1,500	5		
	Molded Case Bkrs	70%			2023	\$5,200	5	\$200	
	Molded Case Bkrs	10%			2032	* *	5		
Wiring									
	Thermoplastic	10%			2034	* *	1		
	Thermoplastic	90%			2024	\$5,900	1		
Motor Controllers									
	Locally Mounted	100%			2022	\$71,800	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$100	
Stand-by Power									
Transfer Switches									
	Automatic	100%	Now	\$8,900	2044	* *	1	\$2,800	
Not in Service, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Generators									
	Diesel	100%	Now	\$73,000	2039	* *	1	\$3,500	
Not in Service, Extent : Severe, Area Affected : 100%									
Location : Basement									
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Basement									
Explanation : One 21.6 Kva									
Batteries									
	Nickel Cadmium	100%			2019	\$1,500	5	\$2,300	
Fuel Storage									
	Main Tank	100%			2027	\$1,700	5	\$400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : One 250 Gallons									
Lighting									
Interior Lighting									
	Fluorescent	95%			2029	* *	10	\$12,500	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	HID	5%			2029	* *	10		
Egress Lighting									
	Emergency, Battery	50%			2029	* *	10	\$1,700	
	Exit, Battery	50%			2029	* *	10	\$500	
Exterior Lighting									
	HID	100%			2024	\$38,200	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	HTHW/HW	100%	Now	\$16,500	2034	* *	1		
				Corroded, Extent : Severe, Area Affected : 75%					
				Location : Piping In Tunnel From Bath House					
	Distribution								
	Hot Wtr Piping/Pump	100%			2023	\$20,800	4	\$1,100	
	Terminal Devices								
	Fan Coil Unit/Heat	100%			2029	* *	1	\$4,600	
Ventilation									
	Exhaust Fans								
	Wall Unit	100%			2024	\$4,800	2	\$400	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%	Now	\$5,900	2029	* *	1		
				Corroded, Extent : Moderate, Area Affected : 30%					
				Location : Basement / Crawl Space					
	Sanitary Piping								
	Cast Iron	100%	Now	\$19,600	LIFE	* *	1		
				Cracked, Extent : Moderate, Area Affected : 30%					
				Location : Basement					
	Storm Drain Piping								
	Cast Iron	100%	Now	\$8,400	LIFE	* *	1		
				Cracked, Extent : Severe, Area Affected : 30%					
				Location : Piping To Window Drains					
	Sump Pump(s)								
	Non-Submersible	100%	Now	\$1,400	2034	* *	4	\$200	
				On Extended Life, Extent : Severe, Area Affected : 100%					
				Location : Basement					
	Pool Filter/Treatment								
	Sand	100%	Now	\$606,500	2044	* *	4	\$3,500	
				Corroded, Extent : Moderate, Area Affected : 20%					
				Location : Filter Piping And Valves					
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Entire System					
				Explanation : Tanks And Piping Severely Corroded / Broken Piping					
Fixtures									
	Generic	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$55,100
Interior Architecture	\$140,500	\$140,500
Electrical		\$174,300
Mechanical		\$189,700
Site Pavements	\$375,800	
<b>Total</b>	<b>\$516,300</b>	<b>\$559,600</b>
Importance Code A		\$55,100
Importance Code B	\$140,500	\$504,500
Importance Code C	\$375,800	
<b>Total</b>	<b>\$516,300</b>	<b>\$559,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,400			
Electrical	\$100			
Site Enclosure	\$34,600			
<b>Total</b>	<b>\$47,100</b>			
Importance Code A	\$12,400			
Importance Code B	\$100			
Importance Code C	\$34,600			
<b>Total</b>	<b>\$47,100</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**

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	100%	0-2	\$12,400	LIFE	**	5	\$55,100	
		Caulking Deteriorated, Extent : Moderate, Area Affected : 15%							
		Location : Expansion Joints							
Interior									
	Floors								
	Cast in Place Concrete	100%			LIFE	**	5	\$280,900	
Site Enclosure									
	Free Standing Walls								
	Masonry: Brick	85%	Now	\$32,800	2038	**			
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Perimeter Columns Throughout							
	Masonry: Fieldstone	15%	0-2	\$1,800	2038	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Perimeter Fence Post Caps							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Underside Of Post Caps							
Site Pavements									
	On-Site Walkways								
	Cast in Place Concrete	100%	Now	\$375,800	2033	**			
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Pool Deck							
		Sinking/Subsiding, Extent : Moderate, Area Affected : 30%							
		Location : Where Pool Deck Meets Bath House							
		Tripping Hazard, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations At Pool Deck							
Activity Yard									
	Cast in Place Concrete	100%			2033	**			
		Tripping Hazard, Extent : Moderate, Area Affected : 15%							
		Location : Pool Deck							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Pavement Joints On Pool Deck							
		Explanation : Vegetation Growth							

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2028	\$8,200	1		
Lighting								
Exterior Lighting								
HID	100%			2023	\$174,300	10	\$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**  
**RED HOOK RECREATION AREA OLYMPIC POOL**

**Asset # : 1172**

<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>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%		2026	\$189,700	1		
	Storm Drain Piping							
	Cast Iron	100%		LIFE	* *	1		
Fixtures								
	Generic	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : RIVERSIDE PARK COMFORT AND STORAGE - 019D  
**Address** : RIVERSIDE DR. TO HUDSON RIVER W.72 ST. TO W.125 ST.  
**Borough** : MANHATTAN **Agency's Number** : M071-19D  
**Program / Asset #** : PAR0006.19D / 785 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 6,120 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 09-Sep-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1897 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$190,700	
Interior Architecture	\$72,900	
Mechanical		\$96,600
<b>Total</b>	<b>\$263,600</b>	<b>\$96,600</b>
Importance Code A	\$190,700	\$96,600
Importance Code B	\$72,900	
<b>Total</b>	<b>\$263,600</b>	<b>\$96,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$61,800			
Interior Architecture	\$22,900			
Electrical	\$8,500	\$25,200		
Mechanical	\$3,900	\$8,200	\$500	
<b>Total</b>	<b>\$97,200</b>	<b>\$33,500</b>	<b>\$500</b>	
Importance Code A	\$62,300		\$500	
Importance Code B	\$34,800	\$33,500		
Importance Code C				
<b>Total</b>	<b>\$97,200</b>	<b>\$33,500</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**  
**RIVERSIDE PARK COMFORT AND STORAGE - 019D**  
**Asset # : 785**

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: Granite	100%	Now	\$154,500	LIFE	* *	5	\$9,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : 79th Street Rotunda / Boat Basin Cafe									
Explanation : These Are 2 Separate Rooms For Men And Women									
Windows									
	Bronze/Brass	100%	0-2	\$33,400	2050	* *	5	\$800	
Air Infiltration, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Broken/Missing Elements, Extent : Severe, Area Affected : 20%									
Location : Mens Room									
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Both Mens And Womens Rooms									
Explanation : Total Of 10 Small Windows - 5 At Each Room									
Parapets									
	Masonry: Granite	100%	Now	\$36,200	LIFE	* *	5	\$3,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Roof									
	Cast in Place Concrete	100%	Now	\$28,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Roadway									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : Restroom Area									
Interior									
Floors									
	Cast in Place Concrete	30%			LIFE	* *	5	\$5,200	
	Mosaic Tile	70%	Now	\$72,900	2030	* *	5	\$7,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Restrooms									
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Restrooms									
Interior Walls									
	Concrete Masonry Unit	25%			LIFE	* *	5	\$2,100	
	SGFT/Glazed Masonry	75%			LIFE	* *			

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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**  
**RIVERSIDE PARK COMFORT AND STORAGE - 019D**  
**Asset # : 785**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Interior

## Ceilings

## Plaster

100% Now \$22,900 LIFE \* \* 5 \$5,000

*Broken/Missing Elements, Extent : Severe, Area Affected : 15%*

*Location : Storage Rooms*

*Water Penetration, Extent : Moderate, Area Affected : 20%*

*Location : Restrooms*

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Raceway

## Conduit

60% 2025 \$3,200 1

## Conduit

40% 2-4 \$2,100 2055 \* \* 1

*Corroded, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

## Panelboards

## Not Accessible

100%

## Wiring

## Braided Cloth

80% 2-4 \$6,400 2050 \* \* 1

*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

## Thermoplastic

20% 2035 \* \* 1

## Lighting

## Interior Lighting

## Fluorescent

100% 2025 \$12,700 10 \$4,900

*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

*Explanation : T-12 Lamps*

## Exterior Lighting

## HID

100% 2020 \$25,200 10

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

## Energy Source

## Electricity

100% 2035 \* \* 1

## Conversion Equipment

## Radiant Heater

100% 2025 \$96,600 2 \$2,500

## Air Conditioning

## Energy Source

## Electricity

100% 2033 \* \* 1

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

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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 COMFORT AND STORAGE - 019D**  
**Asset # : 785**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	30%			2020	\$3,400	1		
	No Component	70%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	* *	1		
	Water Heater								
	Electric	100%			2020	\$4,800	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%	Now	\$3,400	LIFE	* *	1		
		Corroded, Extent : Severe, Area Affected : 30%							
		Location : 1st Floor							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 09-Sep-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 1897 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$1,148,900	\$37,400
Interior Architecture	\$3,699,000	\$444,700
Electrical	\$2,185,500	\$13,000
Mechanical	\$76,600	\$1,351,200
<b>Total</b>	<b>\$7,109,900</b>	<b>\$1,846,300</b>
Importance Code A	\$1,148,900	\$363,300
Importance Code B	\$3,793,900	\$1,483,000
Importance Code C	\$2,167,200	
<b>Total</b>	<b>\$7,109,900</b>	<b>\$1,846,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$1,100			\$1,100
Electrical	\$50,700	\$22,500		
Mechanical	\$37,200		\$1,700	
<b>Total</b>	<b>\$89,000</b>	<b>\$22,500</b>	<b>\$1,700</b>	<b>\$1,100</b>
Importance Code A	\$1,700	\$400	\$1,700	
Importance Code B	\$87,300	\$22,100		\$1,100
Importance Code C				
<b>Total</b>	<b>\$89,000</b>	<b>\$22,500</b>	<b>\$1,700</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 ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

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	15%	Now	\$184,100	LIFE	* *	5	\$37,400	1
	Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
	Location : Vaulted Ceiling Below West Side Highway								
	Diagonal Cracks, Extent : Severe, Area Affected : 25%								
	Location : Vaulted Ceiling Below West Side Highway								
	Masonry: Granite	85%	Now	\$273,400	LIFE	* *	5	\$31,800	
	Efflorescence, Extent : Moderate, Area Affected : 30%								
	Location : Walls Facing Water Fountain								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
	Location : West Facade								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : West Facade								
Windows									
	Steel	100%	Now	\$308,400	2050	* *	5	\$33,800	
	Air Infiltration, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Bent/Warped Elements, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Parapets									
	Masonry: Granite	100%	Now	\$170,300	LIFE	* *	5	\$8,600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
	Location : Over Rotunda								
Roof									
	Cast in Place Concrete	30%	Now	\$55,000	LIFE	* *			1
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Roadway Over Rotunda								
	Water Penetration, Extent : Severe, Area Affected : 50%								
	Location : Roadway Over Rotunda								
	Panel/Paver: Cer/Brk	20%	Now	\$60,300	2045	* *			1
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Over Basement								
	Water Penetration, Extent : Severe, Area Affected : 50%								
	Location : Over Basement								
	Plaza Roof: Stone Panels	50%	Now	\$97,500	2035	* *			
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Interior</b>									
<b>Floors</b>									
	Cast in Place Concrete	95%	Now	\$188,500	LIFE	* *	5	\$363,600	
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
	<i>Location : Basement</i>								
	<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
	<i>Location : Basement</i>								
	Vinyl Tile	5%			2025	\$81,100	3	\$4,400	
<b>Interior Walls</b>									
	Cast in Place Concrete	85%	Now	\$2,167,200	LIFE	* *			
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
	<i>Location : Columns, Electrical Room, Basement</i>								
	<i>Exposed Reinforcement, Extent : Severe, Area Affected : 40%</i>								
	<i>Location : Columns, Basement</i>								
	<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : At Columns</i>								
	<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
	<i>Location : At Columns And In Basement</i>								
	Concrete Masonry Unit	15%			LIFE	* *	5	\$22,200	
<b>Ceilings</b>									
	AcousTileSusp.Lay-In	5%	Now	\$75,200	2045	* *	5	\$4,300	
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
	<i>Location : Offices</i>								
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
	<i>Location : Offices</i>								
	Exposed Concrete	65%	Now	\$1,166,000	LIFE	* *	5	\$17,300	
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</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</i>								
	<i>Explanation : Structural Steel Members Are Corroded</i>								
	Masonry:Vault Struct	30%	Now	\$102,100	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>								

<b>Electrical</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>

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**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	**	5	\$800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Garage							
		Explanation : Main Service Switches Rated @ 2000 Amperes And 1600 Amperes							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2035	**	5	\$800	
	Raceway								
	Conduit	10%			2035	**	1		
	Conduit	70%			2025	\$17,200	1		
	Conduit	20%	2-4	\$4,900	2055	**	1		
		Corroded, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Panelboards								
	Molded Case Bkrs	60%			2033	**	5	\$2,800	
	Molded Case Bkrs	20%			2024	\$13,000	5	\$900	
	Molded Case Bkrs	20%	Now	\$13,000	2050	**	5	\$500	
		Enclosure Corroded, Extent : Moderate, Area Affected : 100%							
		Location : First Floor							
	Wiring								
	Braided Cloth	60%	2-4	\$32,300	2050	**	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Thermoplastic	40%			2035	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	10%			2030	**	10	\$16,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
		Explanation : T-8 Lamps							
	HID	80%			2020	\$1,283,600	10	\$4,700	
	HID	10%	Now	\$160,400	2035	**			
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : Garage Level							
	Exterior Lighting								
	HID	100%			2020	\$741,500	10	\$600	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2045	* *	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK ROTUNDA - W.79TH ST. - 0006**

**Asset # : 214**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Radiant Heater	10%			2025	\$325,900	2	\$8,400	
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	10%			2025	\$137,100	1		
	Galvanized Steel	90%			2023	\$726,200	1		
	Water Heater								
	Electric	100%			2023	\$162,000	4	\$1,600	
	Sanitary Piping								
	Cast Iron	100%	Now	\$26,900	LIFE	* *	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 10%							
		Location : Lunch Area							
	Storm Drain Piping								
	Cast Iron	100%	Now	\$76,600	LIFE	* *	1		
		Corroded, Extent : Severe, Area Affected : 40%							
		Location : 1st Floor							
	Sump Pump(s)								
	Submersible	100%			2019	\$6,200	4	\$5,700	
	Fixtures								
	Generic	100%							
		Obsolete Fixtures, Extent : Severe, Area Affected : 100%							
		Location : Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 09-Sep-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1897 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$57,900	
<b>Total</b>	<b>\$57,900</b>	
Importance Code A	\$57,900	
<b>Total</b>	<b>\$57,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,700	\$5,300		
Interior Architecture	\$30,600	\$3,300		
Electrical	\$7,100			
Mechanical				
<b>Total</b>	<b>\$70,500</b>	<b>\$8,600</b>		
Importance Code A	\$32,700	\$5,300		
Importance Code B	\$14,500	\$3,300		
Importance Code C	\$23,200			
<b>Total</b>	<b>\$70,500</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**  
**RIVERSIDE PARK COMFORT STATION @CLASSIC PLAYGROUND**  
**Asset # : 1046**

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: Granite	100%	Now	\$57,900	LIFE	* *	5	\$3,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Windows	Steel	100%	Now	\$17,100	2050	* *	5	\$1,900	
	Air Infiltration, Extent : Severe, Area Affected : 25%								
	Location : Throughout								
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Parapets									
Parapets	Masonry: Granite	90%	Now	\$15,600	LIFE	* *	5	\$1,600	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
	Metal Panel	10%			2045	* *	5	\$500	
Roof									
	Modified Bitumen	100%			2030	* *	10	\$5,000	
Interior									
Floors									
	Cast in Place Concrete	40%			LIFE	* *	5	\$1,800	
	Mosaic Tile	50%			2030	* *	5	\$2,600	
	Vinyl Tile	10%			2020	\$2,000	3	\$100	
Worn/Eroded, Extent : Light, Area Affected : 100%									
Location : Throughout									
Interior Walls									
	SGFT/Glazed Masonry	100%	Now	\$23,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Restroom									
Loose Units, Extent : Moderate, Area Affected : 5%									
Location : Women Restroom									
Ceilings									
	Exposed Concrete	100%	Now	\$7,400	LIFE	* *	5	\$300	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Restroom									

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK COMFORT STATION @CLASSIC PLAYGROUND**  
**Asset # : 1046**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2035	**	5		
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : 1st Floor					
				Explanation : No Nameplate Ratings Available					
	Raceway								
	Conduit	100%			2035	**	1		
	Panelboards								
	Molded Case Bkrs	100%			2033	**	5		
	Wiring								
	Braided Cloth	80%	2-4	\$7,100	2050	**	1		
				Insulation Aged, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
	Thermoplastic	20%			2035	**	1		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2025	\$3,400	10	\$1,300	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout The Building					
				Explanation : T-8 Lamps					
	Exterior Lighting								
	HID	100%			2025	\$6,700	10		
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2035	**	1		
	Conversion Equipment								
	Radiant Heater	10%			2025	\$2,600	2	\$100	
				Other Observation, Extent : Light, Area Affected : 10%					
				Location : Bath Rooms					
				Explanation : Bath Rooms Only					
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	**	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$17,100			
Interior Architecture	\$3,100			
Electrical				
Mechanical			\$100	
<b>Total</b>	<b>\$20,300</b>		<b>\$100</b>	
Importance Code A	\$17,200		\$100	
Importance Code B	\$2,400		\$100	
Importance Code C	\$800			
<b>Total</b>	<b>\$20,300</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**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**  
**Asset # : 261**

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	93%	Now	\$10,600	LIFE	* *	5	\$3,500	
		Diagonal Cracks, Extent : Severe, Area Affected : 5%							
		Location : West Facade							
		Horizontal Cracks, Extent : Severe, Area Affected : 10%							
		Location : North Facade							
		Painted Surfaces, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Metal Coiling Doors	2%	Now	\$900	2031	* *	5	\$100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : North Facade							
	Pre-Cast Concrete	5%	Now	\$1,300	LIFE	* *	5	\$600	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : At Fascia							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : At Fascia							
Windows									
	Metal Louvers	5%	Now	\$100	2041	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : East Facade							
		Corrosion/Rusting, Extent : Severe, Area Affected : 50%							
		Location : East Facade							
	No Component	95%							
Roof									
	Slate	100%	Now	\$4,300	LIFE	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
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	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Storage Area							
		Paint Peeling, Extent : Moderate, Area Affected : 50%							
		Location : Storage Area							
	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**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Interior

## Ceilings

## 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*

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Service Equipment

## Molded Case Bkrs

100% 2036 \* \* 5

*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 100 Amperes 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 : Moderate, Area Affected : 100%*

*Location : Throughout The Building*

*Explanation : T-12 Lamps*

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

## Energy Source

## Natural Gas

100% 2046 \* \* 1

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	100%			2026	\$1,900	1	\$400	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Utility Room						
			Explanation : 1 Packaged Air Conditioning Unit With Gas Fired Furnace						
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$500	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2031	* *	1		
	Water Heater								
	Electric	100%			2026	\$700	4		
			Recent Installation, Extent : Light, Area Affected : 100%						
			Location : First Floor						
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$1,300	\$200	
Interior Architecture	\$1,300			
Electrical				
Mechanical				
<b>Total</b>	<b>\$1,400</b>	<b>\$1,300</b>	<b>\$200</b>	
Importance Code A		\$1,300	\$200	
Importance Code B	\$800			
Importance Code C	\$500			
<b>Total</b>	<b>\$1,400</b>	<b>\$1,300</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**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**  
**Asset # : 896**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	95%			LIFE	**	5	\$2,300	
	Metal Panel	5%			2046	**	5-10	\$800	
Windows									
	Glass Block	5%			LIFE	**	5		
	No Component	95%							
Roof									
	Roll Roofing	100%			2025	\$6,300	5	\$2,500	
Interior									
Floors									
	Cast in Place Concrete	30%			LIFE	**	5	\$400	
	Terrazzo	70%			LIFE	**	5	\$300	
Interior Walls									
	Ceramic Tile	75%			2039	**	5	\$1,100	
	Concrete Masonry Unit	25%			LIFE	**	5	\$100	
Ceilings									
	Plaster	100%	Now	\$800	LIFE	**	5	\$400	
Paint Peeling, Extent : Moderate, Area Affected : 20%									
Location : Storage Space									

Electrical		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%		2036	* *	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	95%		2036	* *	1			
	Conduit	5%		2056	* *	1			
Panelboards									
	Molded Case Bkrs	100%		2034	* *	5			
Wiring									
	Thermoplastic	95%		2036	* *	1			
	Thermoplastic	5%		2056	* *	1			
Motor Controllers									
	Locally Mounted	100%		2046	* *	5			
Ground									
Grounding Devices									
	Generic	100%		LIFE	* *	5			
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**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION**  
**Asset # : 896**

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Lighting

Interior Lighting  
Fluorescent

100%

2026

\$900

10

\$400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-12 Lamps*

Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Heating

Energy Source

Natural Gas

100%

2046

\* \*

1

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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$36,100	
<b>Total</b>	<b>\$36,100</b>	
Importance Code A	\$36,100	
<b>Total</b>	<b>\$36,100</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$20,800			
Interior Architecture		\$300		
Electrical				
Mechanical				\$100
<b>Total</b>	<b>\$20,800</b>	<b>\$300</b>		<b>\$100</b>
Importance Code A	\$20,800			
Importance Code B		\$300		\$100
Importance Code C				
<b>Total</b>	<b>\$20,800</b>	<b>\$300</b>		<b>\$100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE**  
**Asset # : 874**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	Now	\$2,200	LIFE	**	5	\$1,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Glazed Ceramic Panel	95%	Now	\$36,100	LIFE	**	5	\$17,300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Near Stairs To Mens Restrooms							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Explanation : Rusting Masonry Support							
Windows									
	Aluminum	100%	Now	\$6,300	2051	**	5	\$100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 100%							
		Location : East Facade							
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 100%							
		Location : East Facade							
Parapets									
	Glazed Ceramic Panel	70%	Now	\$5,700	2046	**	5	\$1,200	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Masonry: Granite	5%	Now	\$1,500	LIFE	**	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Metal Rail	25%	Now	\$1,800	2039	**	5	\$2,300	
		Deformed/Dented, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
Roof									
	Paver: Asphalt	100%	Now	\$3,400	2035	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Interior									
Floors									
	Cast in Place Concrete	15%			LIFE	**	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
	Ceramic Tile	85%			2035	**	5	\$600	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE**  
**Asset # : 874**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Concrete Masonry Unit	20%			LIFE	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
	Mosaic Tile	70%			LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
	Plaster	10%			LIFE	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
Ceilings									
	Exposed Concrete	20%			LIFE	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
	Gypsum Board	80%			LIFE	* *	5	\$800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Not Accessible	100%							
	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%							
Ground									
	Grounding Devices								
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/LIFEGUARD OFFICE**  
**Asset # : 874**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Lighting**

Interior Lighting	Not Accessible	100%							
Egress Lighting	Emergency, Battery	50%			2026	\$1,300	10	\$200	
	Not Accessible	50%							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Heating**

Energy Source	Natural Gas	100%			2036	* *	1		
Conversion Equipment	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	\$100	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$50,700	
Mechanical	\$40,500	
<b>Total</b>	<b>\$91,300</b>	
Importance Code A	\$50,700	
Importance Code B	\$40,500	
<b>Total</b>	<b>\$91,300</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$1,500		\$9,400	
Interior Architecture	\$25,100	\$100	\$2,700	
Electrical	\$8,300	\$100	\$59,800	
Mechanical	\$600	\$600	\$10,000	\$600
<b>Total</b>	<b>\$35,500</b>	<b>\$800</b>	<b>\$81,900</b>	<b>\$600</b>
Importance Code A	\$2,000	\$500	\$9,900	\$500
Importance Code B	\$33,500	\$300	\$72,000	\$100
<b>Total</b>	<b>\$35,500</b>	<b>\$800</b>	<b>\$81,900</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**  
**ROCKAWAY BEACH AND BOARDWALK COMFORT STATION/MAINTENANCE**  
**Asset # : 895**

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	70%	Now	\$50,700	LIFE	**	5	\$16,800	
				Diagonal Cracks, Extent : Moderate, Area Affected : 10%					
				Location : West Facade					
				Vertical Cracks, Extent : Moderate, Area Affected : 10%					
				Location : West Facade, East Facade					
	Metal Coiling Doors	25%			2031	**	5	\$18,800	
	Stucco Cement	5%			2039	**	5	\$3,000	
Windows									
	Metal Louvers	100%			2035	**	10	\$7,600	
Roof									
	Not Accessible	100%							
Interior									
	Floors								
	Cast in Place Concrete	65%			LIFE	**	5	\$20,500	
	Mosaic Tile	15%			2031	**	5	\$5,400	
	Terrazzo	15%			LIFE	**	5	\$1,700	
	Vinyl Tile	5%			2026	\$6,100	3	\$300	
Interior Walls									
	Masonry: Brick	70%			LIFE	**			
	SGFT/Glazed Masonry	30%			LIFE	**			
Ceilings									
	Exposed Concrete	50%	Now	\$23,200	LIFE	**	5	\$1,100	
				Paint Peeling, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
	Plaster	50%	0-2	\$1,900	LIFE	**	5	\$4,500	
				Paint Peeling, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	50%			2026	\$700	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 200 Amperes Main Disconnect Switch For The House							
	Fused Disc Sw	50%			2026	\$700	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 100 Amperes Main Disconnect Switch For Concession							
Raceway									
	Conduit	95%			2026	\$3,600	1		
	Conduit	5%			2056	* *	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/MAINTENANCE**  
**Asset # : 895**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	5%			2025	\$400	5		
	Molded Case Bkrs	95%			2025	\$7,100	5	\$200	
Wiring									
	Braided Cloth	50%	2-4	\$4,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	45%			2026	\$3,700	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	\$4,200	2036	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Fluorescent	60%			2021	\$12,700	10	\$5,300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Incandescent	20%			2021	\$10,100	2		
Exterior Lighting									
	HID	100%			2021	\$31,700	10		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Furnace	100%			2026	\$21,200	1	\$4,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : First Floor							
	Explanation : 2 Package Air Conditioning Units With Gas Fire Furnace							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,400	
Terminal Devices								
Fan Coil Unit/Heat	30%			2021	\$40,500	1	\$900	
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : General Area							
	Explanation : Electric Unit Heater							
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>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>Priority</b>
Ventilation								
Distribution								
	Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,400	
Exhaust Fans								
	Not Accessible	100%						
Plumbing								
H/C Water Piping								
	Galvanized Steel	100%		2031	* *	1		
Water Heater								
	Electric	100%		2021	\$7,900	4	\$100	
Sanitary Piping								
	Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping								
	Cast Iron	100%		LIFE	* *	1		
Fixtures								
	Generic	100%						

*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,500			\$100
Interior Architecture	\$16,600	\$1,800	\$1,900	
Electrical			\$200	
Mechanical	\$9,600		\$10,400	
<b>Total</b>	<b>\$27,700</b>	<b>\$1,800</b>	<b>\$12,500</b>	<b>\$100</b>
Importance Code A	\$11,100		\$600	\$100
Importance Code B	\$16,600	\$100	\$12,000	
Importance Code C		\$1,700		
<b>Total</b>	<b>\$27,700</b>	<b>\$1,800</b>	<b>\$12,500</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**  
**ROCKAWAY BEACH AND BOARDWALK DISTRICT OFFICE**

**Asset # : 877**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
Masonry: Brick		85%			LIFE	**	5	\$5,400	
		Horizontal Cracks, Extent : Moderate, Area Affected : 1%							
		Location : South Facade							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 1%							
		Location : North Facade							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 1%							
		Location : At Doors							
Metal Coiling Doors		15%			2039	**	5	\$3,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Windows									
Aluminum		50%			2042	**	5	\$300	
Glass Block		50%			LIFE	**	5	\$200	
Roof									
Not Accessible		100%							
Interior									
Floors									
Cast in Place Concrete		35%	Now	\$6,300	LIFE	**	5	\$6,700	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Basement Level, Boardwalk Level							
		Worn/Eroded, Extent : Moderate, Area Affected : 25%							
		Location : Basement Level, Boardwalk Level							
Mosaic Tile		15%			2031	**	5	\$3,300	
Quarry Tile		35%			2039	**	5	\$4,600	
Steel Plate		5%	Now	\$4,000	LIFE	**	1		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
		Location : Stair							
		Corrosion/Rusting, Extent : Moderate, Area Affected : 50%							
		Location : Stairs							
Vinyl Tile		10%			2026	\$7,400	3	\$300	
Interior Walls									
Ceramic Tile		25%			2035	**	5	\$3,400	
Concrete Masonry Unit		10%			LIFE	**	5	\$500	
Gypsum Board		10%			LIFE	**	5	\$800	
Masonry: Brick		35%			LIFE	**			
SGFT/Glazed Masonry		20%			LIFE	**			
Ceilings									
AcousTileConcealSpLn		5%			2031	**	5	\$500	
Exposed Concrete		60%			LIFE	**	5	\$800	
Plaster		35%	Now	\$4,000	LIFE	**	5	\$1,900	
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Corridors							
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Corridors, Basement							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK DISTRICT OFFICE**

**Asset # : 877**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	50%			2056	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 800 Amperes Main Disconnect Switch For House									
	Fused Disc Sw	50%			2056	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 200 Amperes Main Disconnect Switch For Consession									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2056	* *	5	\$200	
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	\$4,800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
	Fluorescent	10%			2036	* *	10	\$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Egress Lighting									
	Emergency, Battery	50%			2036	* *	10	\$700	
	Exit, Service	50%			2036	* *	1		
Exterior Lighting									
	HID	100%			2036	* *	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Radiant Heater	100%	0-2	\$9,600	2031	* *	2	\$2,200	
	Not in Service, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Electric Baseboard Heaters								
	Terminal Devices								
	No Component	60%							
	No Component	40%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Window/Wall Unit	30%			2021	\$3,400	1		
	No Component	70%							
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2024	\$23,900	1		
	Water Heater								
	Electric	100%			2021	\$4,800	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%			2021	\$1,600	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$2,900	
Interior Architecture			\$600	
Electrical				
Mechanical			\$200	
<b>Total</b>			<b>\$3,800</b>	
Importance Code A			\$2,900	
Importance Code B			\$900	
<b>Total</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**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14788**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Marble Panels	60%			LIFE	**	5	\$1,700	
	Wood	30%			2046	**	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Composite Material								
	Windows								
	Aluminum	100%			2051	**	5	\$100	
	Roof								
	Metal Panel	70%			2046	**	10	\$3,300	
	Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior									
	Floors								
	Ceramic Tile	100%			2041	**	5	\$1,300	
	Interior Walls								
	Metal Panel	80%			LIFE	**			
	Mosaic Tile	20%			LIFE	**			
	Ceilings								
	Gypsum Board	50%			LIFE	**	5	\$800	
	Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 400 Amperes								
	Raceway								
	Conduit	100%			2056	**	1		
	Panelboards								
	Fused Disc Sw	5%			2051	**	5		
	Molded Case Bkrs	95%			2051	**	5		
	Wiring								
	Thermoplastic	100%			2056	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2036	**	10	\$600	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14788**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			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		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Tankless Water Heater								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical			\$200	
<b>Total</b>			<b>\$8,000</b>	
Importance Code A			\$7,100	
Importance Code B			\$900	
<b>Total</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**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14793**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Metal Panel	60%			2056	**	5-10	\$15,600	
	Wood	30%			2046	**	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Composite Material								
	Windows								
	Aluminum	100%			2051	**	5	\$100	
	Roof								
	Metal Panel	70%			2046	**	10	\$3,300	
	Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior									
	Floors								
	Ceramic Tile	100%			2041	**	5	\$1,300	
	Interior Walls								
	Metal Panel	80%			LIFE	**			
	Mosaic Tile	20%			LIFE	**			
	Ceilings								
	Ceramic Tile	50%			LIFE	**	5	\$400	
	Gypsum Board	50%			LIFE	**	5	\$800	
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 400 Amperes								
	Raceway								
	Conduit	100%			2056	**	1		
	Panelboards								
	Fused Disc Sw	5%			2051	**	5		
	Molded Case Bkrs	95%			2051	**	5		
	Wiring								
	Thermoplastic	100%			2056	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2036	**	10	\$600	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MEN / WOMEN COMFORT STA. MODULES**  
**Asset # : 14793**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			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		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 1 Unit, 120 Gal								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,400			
Interior Architecture	\$54,800	\$800		
Electrical			\$100	
Mechanical	\$1,400	\$200	\$7,400	\$200
<b>Total</b>	<b>\$57,700</b>	<b>\$1,000</b>	<b>\$7,500</b>	<b>\$200</b>
Importance Code A	\$1,600	\$200	\$200	\$200
Importance Code B	\$47,000		\$7,300	
Importance Code C	\$9,100	\$800		
<b>Total</b>	<b>\$57,700</b>	<b>\$1,000</b>	<b>\$7,500</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**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.**  
**Asset # : 876**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	75%			LIFE	* *	5	\$2,800		
Diagonal Cracks, Extent : Moderate, Area Affected : 1%									
Location : East Facade									
Horizontal Cracks, Extent : Moderate, Area Affected : 1%									
Location : East Facade, South Facade									
Rusting Masonry Supt, Extent : Moderate, Area Affected : 1%									
Location : At Doors									
Metal Coiling Doors	25%			2039	* *	5	\$2,900		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Windows									
Aluminum	25%			2051	* *	5	\$100		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Glass Block	75%			LIFE	* *	5	\$200		
Roof									
Not Accessible	100%								
Interior									
Floors									
Cast in Place Concrete	30%	Now	\$3,200	LIFE	* *	5	\$3,300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Basement									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Basement, Ramp At Boardwalk Level									
Mosaic Tile	25%	Now	\$15,200	2031	* *	5	\$1,600		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%									
Location : Mens Restroom									
Quarry Tile	40%			2039	* *	5	\$3,100		
Steel Plate	5%	Now	\$23,200	LIFE	* *	1			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Stairs									
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Stairs									
Interior Walls									
Ceramic Tile	20%			2035	* *	5	\$1,600		
Concrete Masonry Unit	10%			LIFE	* *	5	\$300		
Masonry: Brick	25%			LIFE	* *				
SGFT/Glazed Masonry	15%	Now	\$9,100	LIFE	* *				
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%									
Location : At Basement Entrance									
Loose Units, Extent : Severe, Area Affected : 25%									
Location : Basement Entrance									
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%									
Location : At Basement Entrance									
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**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	Exposed Concrete	10%	Now	\$1,600	LIFE	**	5	\$100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Basement							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Basement							
	Exposed Concrete	20%			LIFE	**	5	\$200	
	Plaster	70%	Now	\$900	LIFE	**	5	\$2,200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Basement							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Basement							
		Paint Peeling, Extent : Moderate, Area Affected : 5%							
		Location : Basement							
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room 1st Floor							
		Explanation : One 800 Amperes Main Disconnect Switch							
	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	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	10%			2036	**	10	\$300	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Hallway And Basement							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BLDG.**  
**Asset # : 876**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Lighting

Egress Lighting									
Emergency, Battery	50%			2036		**	10	\$400	
Exit, Service	50%			2036		**	1		
Exterior Lighting									
HID	100%			2036		**	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

Energy Source									
Natural Gas	100%			2036		**	1		
Conversion Equipment									
Furnace	100%			2026		\$7,500	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		\$1,300	1		
No Component	80%								

## Ventilation

Distribution									
Ductwork/Diffusers	100%			LIFE		**	2-5	\$1,900	
Exhaust Fans									
Roof	100%			2021		\$5,300	2	\$100	

## Plumbing

H/C Water Piping									
Galvanized Steel	100%			2024		\$14,000	1		
Water Heater									
Electric	100%			2025		\$2,800	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	\$200	
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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Plumbing

Fixtures

Generic

100%

*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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Mechanical		\$45,900
<b>Total</b>		<b>\$45,900</b>
Importance Code B		\$45,900
<b>Total</b>		<b>\$45,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$7,200		\$1,300	
Interior Architecture	\$50,300			
Electrical			\$200	
Mechanical	\$900	\$300	\$13,800	\$300
<b>Total</b>	<b>\$58,300</b>	<b>\$300</b>	<b>\$15,300</b>	<b>\$300</b>
Importance Code A	\$7,500	\$300	\$13,100	\$300
Importance Code B	\$29,800		\$2,200	
Importance Code C	\$21,100			
<b>Total</b>	<b>\$58,300</b>	<b>\$300</b>	<b>\$15,300</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**  
**ROCKAWAY BEACH AND BOARDWALK MULTIPURPOSE BUILDING**  
**Asset # : 875**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$7,200	LIFE	**	5	\$4,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : At Doors								
Metal Coiling Doors	15%			2046	**	5	\$2,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Windows								
Glass Block	100%			LIFE	**	5	\$300	
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	45%	Now	\$1,800	LIFE	**	5	\$7,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Worn/Eroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Mosaic Tile	25%	Now	\$11,700	2039	**	5	\$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	30%			2039	**	5	\$3,500	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$1,200	
Gypsum Board	15%			LIFE	**	5	\$1,100	
Masonry: Brick	10%	Now	\$9,400	LIFE	**			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Boiler Room								
SGFT/Glazed Masonry	50%	Now	\$11,700	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Near Stair To Boardwalk Level								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Near Stair To Boardwalk Level								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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	

## Interior

## Ceilings

Exposed Concrete      25%    Now      \$6,300    LIFE      \* \*    5      \$300

*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%*  
*Location : Basement*

Plaster      75%    Now      \$7,700    LIFE      \* \*    5      \$3,700

*Cracking/Crumbling, Extent : Severe, Area Affected : 10%*  
*Location : Basement And Storage Room On Boardwalk Level*  
*Paint Peeling, Extent : Moderate, Area Affected : 25%*  
*Location : Basement And Storage Room On Boardwalk Level*

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      50%      2056      \* \*    5

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Electrical Room*

*Explanation : One 800 Amperes Main Disconnect Switch for the house*

Fused Disc Sw      50%      2056      \* \*    5

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Electrical Room*

*Explanation : One 200 Amperes Main Disconnect Switch For Concession*

## 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      \$4,500

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : T-8 Lamps*

Fluorescent      5%      2036      \* \*    10      \$200

*Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%*  
*Location : Basement Hallway*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Lighting**

## Egress Lighting

Emergency, Battery	50%		2036	**	10	\$600
Exit, Service	50%		2036	**	1	

## Exterior Lighting

HID	100%		2036	**	10	
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Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Heating**

## Energy Source

Natural Gas	100%		2046	**	1	
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## Conversion Equipment

Furnace	100%		2021	\$11,500	1	\$2,600
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*Not in Service, Extent : Light, Area Affected : 100%**Location : Basement*

## Distribution

Ductwork/Diffusers	100%		LIFE	**	2-5	\$2,900
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**Air Conditioning**

## Conversion Equipment

Heat Pump Air Sourced	95%		2027	\$45,900	2	\$300
Window/Wall Unit	5%		2024	\$500	1	

**Plumbing**

## H/C Water Piping

Galvanized Steel	100%		2024	\$21,400	1	
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## Water Heater

Electric	100%		2024	\$4,300	4	
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## Sanitary Piping

Cast Iron	100%		LIFE	**	1	
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## Storm Drain Piping

Cast Iron	100%	Now	\$500	LIFE	**	1
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*Cracked, Extent : Light, Area Affected : 10%**Location : Basement*

## Sewage Ejector(s)

Electric	100%		2021	\$1,400	4	\$200
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## Backflow Preventer

Generic	100%		2031	**	1	\$300
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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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$1,000	
Electrical				
Mechanical	\$100	\$100	\$400	\$100
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$8,500</b>	<b>\$100</b>
Importance Code A			\$7,100	
Importance Code B	\$100	\$100	\$1,000	\$100
Importance Code C			\$300	
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$8,500</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**  
**ROCKAWAY BEACH AND BOARDWALK THREE LIFEGUARD MODULES**  
**Asset # : 14794**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Metal Panel	60%			2056	**	5-10	\$15,600	
	Wood	30%			2046	**	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Composite Material								
	Windows								
	Aluminum	100%			2051	**	5	\$100	
	Roof								
	Metal Panel	70%			2046	**	10	\$3,300	
	Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior									
	Floors								
	Ceramic Tile	100%			2041	**	5	\$1,300	
	Interior Walls								
	Ceramic Tile	20%			2041	**	5	\$700	
	Metal Panel	80%			LIFE	**			
	Ceilings								
	Gypsum Board	50%			LIFE	**	5	\$800	
	Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 400 Amperes								
	Raceway								
	Conduit	100%			2056	**	1		
	Panelboards								
	Fused Disc Sw	5%			2051	**	5		
	Molded Case Bkrs	95%			2051	**	5		
	Wiring								
	Thermoplastic	100%			2056	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2036	**	10	\$1,000	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK THREE LIFEGUARD MODULES**  
**Asset # : 14794**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2056	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2051	* *	1		
	Conversion Equipment								
	Split Unit	100%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Refrigerant R-410								
	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		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 3 Units, Each 120 Gal								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical		\$100	\$300	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</b>	<b>\$100</b>
Importance Code A			\$7,100	
Importance Code B		\$100	\$900	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</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**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14786**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
Metal Panel	60%			2056	**	5-10	\$15,600	
Wood	30%			2046	**	5	\$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Composite Material								
Windows								
Aluminum	100%			2051	**	5	\$100	
Roof								
Metal Panel	70%			2046	**	10	\$3,300	
Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior								
Floors								
Ceramic Tile	100%			2041	**	5	\$1,300	
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$800	
Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Amperes								
Raceway								
Conduit	100%			2056	**	1		
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
Wiring								
Thermoplastic	100%			2056	**	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14786**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical		\$100	\$300	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</b>	<b>\$100</b>
Importance Code A			\$7,100	
Importance Code B		\$100	\$900	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</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**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14787**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Metal Panel	60%			2056	**	5-10	\$15,600	
	Wood	30%			2046	**	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Composite Material								
	Windows								
	Aluminum	100%			2051	**	5	\$100	
	Roof								
	Metal Panel	70%			2046	**	10	\$3,300	
	Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior									
	Floors								
	Ceramic Tile	100%			2041	**	5	\$1,300	
	Interior Walls								
	Metal Panel	80%			LIFE	**			
	Mosaic Tile	20%			LIFE	**			
	Ceilings								
	Gypsum Board	50%			LIFE	**	5	\$800	
	Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 400 Amperes								
	Raceway								
	Conduit	100%			2056	**	1		
	Panelboards								
	Fused Disc Sw	5%			2051	**	5		
	Molded Case Bkrs	95%			2051	**	5		
	Wiring								
	Thermoplastic	100%			2056	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2036	**	10	\$600	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14787**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2056	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2051	* *	1		
	Conversion Equipment								
	Split Unit	100%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Refrigerant R-410								
	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		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : One 120 Gallons								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical			\$200	
<b>Total</b>			<b>\$8,000</b>	
Importance Code A			\$7,100	
Importance Code B			\$900	
<b>Total</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**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14789**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Metal Panel	60%			2056	**	5-10	\$15,600	
	Wood	30%			2046	**	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Composite Material								
	Windows								
	Aluminum	100%			2051	**	5	\$100	
	Roof								
	Metal Panel	70%			2046	**	10	\$3,300	
	Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior									
	Floors								
	Ceramic Tile	100%			2041	**	5	\$1,300	
	Interior Walls								
	Metal Panel	20%			LIFE	**			
	Metal Panel	80%			LIFE	**			
	Ceilings								
	Gypsum Board	50%			LIFE	**	5	\$800	
	Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boulder Room								
	Explanation : 400 Amperes								
	Raceway								
	Conduit	100%			2056	**	1		
	Panelboards								
	Fused Disc Sw	5%			2051	**	5		
	Molded Case Bkrs	95%			2051	**	5		
	Wiring								
	Thermoplastic	100%			2056	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2036	**	10	\$600	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14789**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2056	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2051	* *	1		
	Conversion Equipment								
	Split Unit	100%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Refrigerant R-410								
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$900	
Ventilation									
	Exhaust Fans								
	Roof	100%			2036	* *	2		
Plumbing									
	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		
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical		\$100	\$300	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</b>	<b>\$100</b>
Importance Code A			\$7,100	
Importance Code B		\$100	\$900	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</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**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14790**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
Metal Panel	60%			2056	**	5-10	\$15,600	
Wood	30%			2046	**	5	\$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Composite Material								
Windows								
Aluminum	100%			2051	**	5	\$100	
Roof								
Metal Panel	70%			2046	**	10	\$3,300	
Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior								
Floors								
Ceramic Tile	100%			2041	**	5	\$1,300	
Interior Walls								
Metal Panel	80%			LIFE	**			
Mosaic Tile	20%			LIFE	**			
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$800	
Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Amperes								
Raceway								
Conduit	100%			2056	**	1		
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
Wiring								
Thermoplastic	100%			2056	**	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14790**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2056	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2051	* *	1		
	Conversion Equipment								
	Split Unit	100%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Refrigerant R-410								
	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		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 3 Units, 120 Gallons Each								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical		\$100	\$300	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</b>	<b>\$100</b>
Importance Code A			\$7,100	
Importance Code B		\$100	\$900	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</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**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14791**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
Metal Panel	60%			2056	**	5-10	\$15,600	
Wood	30%			2046	**	5	\$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Composite Material								
Windows								
Aluminum	100%			2051	**	5	\$100	
Roof								
Metal Panel	70%			2046	**	10	\$3,300	
Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior								
Floors								
Ceramic Tile	100%			2041	**	5	\$1,300	
Interior Walls								
Metal Panel	50%			LIFE	**			
Mosaic Tile	50%			LIFE	**			
Ceilings								
Gypsum Board	50%			LIFE	**	5	\$800	
Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Boiler Room								
Explanation : 400 Amperes								
Raceway								
Conduit	100%			2056	**	1		
Panelboards								
Fused Disc Sw	5%			2051	**	5		
Molded Case Bkrs	95%			2051	**	5		
Wiring								
Thermoplastic	100%			2056	**	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$600	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14791**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2056	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2051	* *	1		
	Conversion Equipment								
	Split Unit	100%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Refrigerant R-410								
	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		
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture			\$7,100	
Interior Architecture			\$600	
Electrical				
Mechanical		\$100	\$300	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</b>	<b>\$100</b>
Importance Code A			\$7,100	
Importance Code B		\$100	\$900	\$100
<b>Total</b>		<b>\$100</b>	<b>\$8,000</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**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14792**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Cast in Place Concrete	10%			LIFE	**	5	\$1,900	
	Metal Panel	60%			2056	**	5-10	\$15,600	
	Wood	30%			2046	**	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Composite Material								
	Windows								
	Aluminum	100%			2051	**	5	\$100	
	Roof								
	Metal Panel	70%			2046	**	10	\$3,300	
	Skylight, Metal/Glass	30%			2056	**	10	\$2,500	
Interior									
	Floors								
	Ceramic Tile	100%			2041	**	5	\$1,300	
	Interior Walls								
	Metal Panel	80%			LIFE	**			
	Mosaic Tile	20%			LIFE	**			
	Ceilings								
	Gypsum Board	50%			LIFE	**	5	\$800	
	Mosaic Tile	50%			LIFE	**	1		
Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2056	**	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 400 Amperes								
	Raceway								
	Conduit	100%			2056	**	1		
	Panelboards								
	Fused Disc Sw	5%			2051	**	5		
	Molded Case Bkrs	95%			2051	**	5		
	Wiring								
	Thermoplastic	100%			2056	**	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2036	**	10	\$600	
	T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Boiler Room								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK TWIN LIFEGUARD MODULES**  
**Asset # : 14792**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2056	* *	1		
Air Conditioning									
	Energy Source								
	Electricity	100%			2051	* *	1		
	Conversion Equipment								
	Split Unit	100%			2036	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Refrigerant R-410								
	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		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 3 Units, Each 120 Gal								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 26-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,etc  
**Block** : 12406 **Lot** : 180 **BIN** : 4268835

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$374,300	\$130,800
Interior Architecture	\$473,400	\$101,000
Electrical	\$197,000	\$293,200
Mechanical	\$48,600	\$572,000
<b>Total</b>	<b>\$1,093,200</b>	<b>\$1,097,100</b>
Importance Code A	\$374,300	\$130,800
Importance Code B	\$718,900	\$966,300
<b>Total</b>	<b>\$1,093,200</b>	<b>\$1,097,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$25,100			
Interior Architecture	\$4,100	\$5,100		\$3,700
Electrical	\$37,100	\$48,300	\$5,800	\$5,100
Mechanical	\$31,700	\$27,400	\$11,100	\$8,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$101,900</b>	<b>\$84,700</b>	<b>\$20,900</b>	<b>\$21,000</b>
Importance Code A	\$26,900	\$1,900	\$1,800	\$1,800
Importance Code B	\$75,000	\$82,800	\$19,100	\$19,200
Importance Code C				
<b>Total</b>	<b>\$101,900</b>	<b>\$84,700</b>	<b>\$20,900</b>	<b>\$21,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$44,900	LIFE	**	5	\$13,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Ramps At North And South Sides								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Columns Under Ramps At North And South Sides								
Concrete Masonry Unit	5%			LIFE	**	5	\$1,700	
Fiberglass Panel	2%			2028	\$7,800	5	\$4,000	
Stucco Cement	85%			2030	**	5	\$112,900	
Wood	3%	Now	\$25,100	2030	**	5	\$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Fascias								
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Fascias								
Split/Cracked, Extent : Severe, Area Affected : 25%								
Location : Fascias								
Windows								
Aluminum	100%			2033	**	5	\$4,100	
Parapets								
Metal Panel	3%			2045	**	5		
Stucco Cement	27%			2030	**	5		
No Component	70%							
Roof								
Asphalt Shingle	30%			2028	\$74,300	10	\$3,600	
Modified Bitumen	65%	Now	\$272,900	2035	**			
Blisters, Extent : Severe, Area Affected : 25%								
Location : Flat Surfaces								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Flat Surfaces								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Flat Surfaces								
Modified Bitumen	5%			2033	**	10	\$3,600	
Interior								
Floors								
Cast in Place Concrete	15%			LIFE	**	5	\$17,800	
Ceramic Tile	15%			2034	**	5	\$8,200	
Traffic Topping	15%			2025	\$101,000	5	\$10,200	
Vinyl Tile	55%	2-4	\$253,900	2035	**	3	\$11,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Interior**

**Interior Walls**

Cast in Place Concrete	5%			LIFE		**			
Concrete Masonry Unit	60%			LIFE		**	5	\$7,200	
Glazed Ceramic Panel	10%			LIFE		**			
Gypsum Board	25%			LIFE		**	5	\$4,500	

**Ceilings**

AcousTileSusp.Lay-In	50%	0-2	\$219,600	2045		**	5	\$13,600	
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*Broken/Missing Elements, Extent : Moderate, Area Affected : 10%*

*Location : Throughout*

*Worn/Eroded, Extent : Moderate, Area Affected : 50%*

*Location : Throughout*

Exposed Concrete	10%			LIFE		**	5	\$900	
Exposed Struc: Steel	30%			LIFE		**			
Plaster	10%			LIFE		**	5	\$3,400	

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2025		\$8,300	5	\$200	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : 2- Main Service Switches Rated @ 1200 Amperes And 800 Amperes*

**Switchgear / Switchboard**

Fused Disc Sw	100%			2025		\$97,600	5	\$200	
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**Raceway**

Conduit	100%			2025		\$52,500	1		
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**Panelboards**

Molded Case Bkrs	10%			2041		**	5	\$100	
Molded Case Bkrs	90%			2024		\$67,200	5	\$900	

**Wiring**

Braided Cloth	30%	2-4	\$19,900	2050		**	1		
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*Insulation Aged, Extent : Moderate, Area Affected : 90%*

*Location : Throughout*

Thermoplastic	60%			2025		\$39,900	1		
Thermoplastic	10%			2045		**	1		

**Motor Controllers**

Locally Mounted	20%			2038		**	5		
Locally Mounted	80%			2023		\$36,200	5	\$200	

**Ground**

**Grounding Devices**

Generic	100%	2-4	\$9,500	LIFE		**	5	\$500	
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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.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2038	* *	1	\$11,200	
	Generators								
	Diesel	100%			2034	* *	1	\$14,100	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Outside								
	Explanation : Emergency Generator Rated @ 125 Kw								
	Batteries								
	Lead/Acid	100%			2019	\$1,500	5	\$1,300	
	Fuel Storage								
	Main Tank	100%			2053	* *	5	\$1,100	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Outside								
	Explanation : 275 Gallon Capacity								
Lighting									
	Interior Lighting								
	Fluorescent	75%			2020	\$60,000	10	\$25,000	
	T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Fluorescent	20%			2030	* *	10	\$6,700	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	HID	5%			2020	\$2,900	10	\$100	
	Egress Lighting								
	Emergency, Service	30%			2020	\$5,400	1		
	Emergency, Service	20%			2030	* *	1		
	Exit, Service	20%			2030	* *	1		
	Exit, Service	30%			2020	\$2,900	1		
	Exterior Lighting								
	HID	100%			2020	\$137,000	10	\$100	
Alarm									
	Security System								
	No Component	60%							
	Generic	40%			2030	* *	1	\$5,400	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Hallways And Outside								
	Explanation : C C T V Surveillance Cameras								
	Fire/Smoke Detection								
	Generic, Digital	100%			2030	* *	1-3	\$22,400	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Strobe Lights, Manual Pull Station , Horns And Smoke Detectors								

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2051	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2042	**	1	\$18,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler House, Back Yard							
		Explanation : 2 Units							
	Distribution								
	Hot Wtr Piping/Pump	100%			2033	**	4	\$1,800	
	Terminal Devices								
	Convactor/Radiator	60%			2023	\$109,100	1	\$7,000	
	Unit Heater - Steam	40%			2020	\$48,600	4	\$2,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	20%			2023	\$254,000	2	\$400	
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : 1st Floor							
	Exterior Pkg Unit - Cooling	20%			2025	\$55,000	2	\$400	
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Roof							
	Ext Pkg Unit - Heating/Cooling	20%			2033	**	2	\$400	
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Roof							
	Window/Wall Unit	10%			2020	\$7,100	1		
	No Component	30%							
	Heat Rejection								
	Air Cooled Condenser Unit	70%			2033	**	2	\$17,700	
	No Component	30%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$20,300	
	Exhaust Fans								
	Roof	100%			2030	**	2	\$1,100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	60%			2035	**	1		
	Galvanized Steel	40%	0-2	\$11,900	2030	**	1		
		Corroded, Extent : Moderate, Area Affected : 20%							
		Location : Pool Pump Room, Basement							
	Water Heater								
	Gas Fired	100%			2024	\$20,700	2	\$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**  
**ROY WILKINS PARK RECREATION CTR**  
**Asset # : 13631**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	HW Heat Exchanger Steam Fired	100%	Now	\$10,800	2025	\$54,100	4	\$3,600	
				Corroded, Extent : Severe, Area Affected : 70%					
				Location : Pool Pump Room, Sub-basement					
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Filter Room					
				Explanation : For Pool Use					
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Submersible	100%			2019	\$1,200	4	\$1,200	
	Pool Filter/Treatment Sand	100%			2030	* *	4	\$9,000	
	Sewage Ejector(s) Electric	100%			2020	\$9,800	4	\$2,200	
	Fixtures Generic	100%							
Vertical Transport									
	Elevators Hydraulic	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : 1-2					
				Explanation : 1 Unit					
Fire Suppression									
	Standpipe Generic	100%			2035	* *	1-5	\$18,300	
	Sprinkler No Component	70%							
	Generic	30%			2025	\$99,800	1-2	\$3,100	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$688,500	\$48,600
Electrical	\$22,800	\$104,000
Mechanical	\$191,400	\$174,500
<b>Total</b>	<b>\$902,700</b>	<b>\$327,100</b>
Importance Code A	\$688,500	\$48,600
Importance Code B	\$214,100	\$278,500
<b>Total</b>	<b>\$902,700</b>	<b>\$327,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$11,800	\$11,900		
Interior Architecture	\$5,300	\$11,600	\$600	\$7,700
Electrical	\$16,100	\$600	\$700	\$13,900
Mechanical	\$3,300	\$700	\$2,400	\$26,200
<b>Total</b>	<b>\$36,600</b>	<b>\$24,700</b>	<b>\$3,700</b>	<b>\$47,800</b>
Importance Code A	\$13,700	\$12,300	\$400	\$19,700
Importance Code B	\$19,200	\$12,400	\$3,300	\$28,100
Importance Code C	\$3,600			
<b>Total</b>	<b>\$36,600</b>	<b>\$24,700</b>	<b>\$3,700</b>	<b>\$47,800</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**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**  
**Asset # : 1803**

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	5%	0-2	\$10,700	LIFE	**	5	\$1,100	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%									
Location : Base Of Chimney At North Facade									
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%									
Location : Base Of Chimney At North Facade									
Loose Units, Extent : Severe, Area Affected : 20%									
Location : Base Of Chimney At North Facade									
	Masonry: Fieldstone	5%			LIFE	**	5	\$800	
	Wood	90%	Now	\$222,700	2032	**	5	\$48,600	1
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Dry Rot/Decay, Extent : Severe, Area Affected : 20%									
Location : Window Sills									
Paint Peeling, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Windows									
	Wood	95%			2035	**	5	\$23,800	
	Wood	5%	Now	\$1,200	2035	**	5	\$600	
Loose/Miss Fasteners, Extent : Severe, Area Affected : 25%									
Location : Southeast Storage Room On Second Floor									
Water Penetration, Extent : Severe, Area Affected : 20%									
Location : Southeast Storage Room On Second Floor									
Roof									
	Wood Shingles	100%	Now	\$465,800	2042	**			1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%									
Location : Over First Floor And Attic									
Dry Rot/Decay, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Education Directors Office, Attic, Servants Hallway									
Interior									
Floors									
	Carpet	5%			2023	\$16,300	3	\$1,800	
	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	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**  
**Asset # : 1803**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Interior

## Interior Walls

Gypsum Board	15%			LIFE	**	5		\$1,900	
Plaster	70%			LIFE	**	5		\$4,300	
Plaster	10%	Now	\$3,600	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	

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2027		\$1,600	5		
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Switch Rated @ 400 Amperes.*

## Switchgear / Switchboard

Fused Disc Sw	100%			2027		\$26,700	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		\$4,900	5		\$100
Molded Case Bkrs	30%			2035		**	5		\$100

## Wiring

Thermoplastic	70%			2027		\$6,200	1		
Thermoplastic	30%			2037		**	1		

## Ground

## Grounding Devices

Generic	100%	2-4	\$10,400	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.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**  
**Asset # : 1803**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	20%			2022	\$3,800	10	\$1,500	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement And Attic							
	Incandescent	50%			2022	\$22,800	2	\$100	
	Incandescent	30%			2027	\$13,700	2	\$100	
Egress Lighting									
	Emergency, Battery	50%			2022	\$5,900	10	\$1,000	
	Exit, Service	50%			2022	\$1,200	1		
Exterior Lighting									
	HID	20%			2027	\$6,600	10		
	No Component	80%							
Alarm									
	Security System								
	No Component	80%							
	Generic	20%	Now	\$5,300	2037	* *	1	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : Intrusion Alarm System; Not Functional							
Fire/Smoke Detection									
	Generic, Digital	100%			2027	\$90,400	1-3	\$4,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Alarm Bells, Smoke Detectors, Manual Pull Stations, Strobe Lights							
Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2037	* *	1		
Conversion Equipment									
	Furnace	100%	Now	\$1,900	2022	\$19,200	1	\$3,600	
		Not in Service, Extent : Severe, Area Affected : 20%							
		Location : #5 Unit, Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 5 Units Are Built Into Air Handlers							
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	* *	1		

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**RUFUS KING PARK KING MANSION HISTORIC HOUSE**  
**Asset # : 1803**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Split Unit	100%			2027	\$174,500			
				R-22 Refrigerant, Extent : Light, Area Affected : 100%					
				Location : Outside Of The Building					
Terminal Devices									
	Fan Coil - 4 Pipe	100%			2022	\$191,400	1	\$2,600	
Heat Rejection									
	Air Cooled Condenser Unit	100%			2027	\$16,500	2	\$5,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Side Yard					
				Explanation : 5 Units					
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
Water Heater									
	Gas Fired	100%			2022	\$5,000	2	\$100	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2022	\$1,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$92,400	\$41,800
Interior Architecture	\$42,600	
Mechanical		\$38,800
<b>Total</b>	<b>\$134,900</b>	<b>\$80,700</b>
Importance Code A	\$92,400	\$41,800
Importance Code B		\$38,800
Importance Code C	\$42,600	
<b>Total</b>	<b>\$134,900</b>	<b>\$80,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$75,900			
Interior Architecture	\$42,600		\$600	\$400
Electrical	\$1,100	\$900	\$900	\$2,300
Mechanical	\$3,800	\$400	\$800	\$400
Site Pavements	\$3,900			
<b>Total</b>	<b>\$127,200</b>	<b>\$1,300</b>	<b>\$2,300</b>	<b>\$3,100</b>
Importance Code A	\$76,200	\$300	\$300	\$300
Importance Code B	\$35,200	\$1,000	\$2,000	\$2,800
Importance Code C	\$15,800			
<b>Total</b>	<b>\$127,200</b>	<b>\$1,300</b>	<b>\$2,300</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**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

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	90%	Now	\$92,400	LIFE	* *	5	\$15,300	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : At Building Corners							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%							
		Location : Span Over Stairs Leading To Basement							
		Staining/Discoloring, Extent : Severe, Area Affected : 20%							
		Location : At Downspouts And Throughout							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Upper Walls At Base Of Parapets							
	Pre-Cast Concrete	10%	2-4	\$5,600	LIFE	* *	5	\$5,500	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Decorative Elements - All Facades							
		Spalling, Extent : Light, Area Affected : 15%							
		Location : Horizontal Banding							
Windows									
	Glass Block	3%			LIFE	* *	5	\$100	
	Wood	97%	Now	\$24,600	2036	* *	5	\$10,900	
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%							
		Location : Various Window Panes Throughout							
		Thermally Inefficient, Extent : Severe, Area Affected : 25%							
		Location : Blocking Where Window Air Conditioners Are Installed							
		Worn/Eroded, Extent : Moderate, Area Affected : 20%							
		Location : Damaged Metal Grilles - South Facade							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Prtoective Metal Grilles							
Parapets									
	Masonry: Brick	90%	Now	\$25,900	LIFE	* *	5	\$1,500	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Interior And Exterior Walls - Under Coping							
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : Interior And Exterior Walls - Under Coping							
	Pre-Cast Concrete	10%	Now	\$3,000	LIFE	* *	5	\$1,000	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Coping							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
		Location : Coping							
		Vegetation Growth, Extent : Moderate, Area Affected : 35%							
		Location : Coping							
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Improper Sealants Used At Base Of Walls And At Flashing							
		Explanation : Repair Failure							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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	\$16,700	2028	\$41,800			
	Alligatoring, Extent : Moderate, Area Affected : 30%							
	Location : Upper And Lower Roofs							
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%							
	Location : Perimeter Roof Drains At Lower Roofs							
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 35%							
	Location : Perimeter Walls - Lower Roofs							
	Seams Open/Split, Extent : Moderate, Area Affected : 30%							
	Location : Upper And Lower Roofs							
	Water Penetration, Extent : Moderate, Area Affected : 15%							
	Location : First Floor At Perimeter Walls And Stairwell.							
	Worn/Eroded, Extent : Severe, Area Affected : 25%							
	Location : Lower Roofs							
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$16,700	
Quarry Tile	10%			2041	**	5	\$1,100	
Vinyl Tile	40%	0-2	\$7,800	2028	\$25,900	3	\$1,100	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : Throughout First Floor							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : First Floor Offices							
Interior Walls								
Gypsum Board	5%	0-2	\$300	LIFE	**	5	\$400	
	Cracking/Crumbling, Extent : Light, Area Affected : 20%							
	Location : First Floor Offices							
Masonry: Brick	45%	Now	\$42,600	LIFE	**			
	Cracking/Crumbling, Extent : Severe, Area Affected : 15%							
	Location : Basement - At Window Penetration And Support Beams							
	Water Penetration, Extent : Severe, Area Affected : 10%							
	Location : Stairwell							
SGFT/Glazed Masonry	50%	0-2	\$11,700	LIFE	**			
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Basement							
Ceilings								
AcousTileSusp.Lay-In	45%	Now	\$1,400	2041	**	5	\$1,700	
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : First Floor Offices							
Exposed Concrete	50%	Now	\$12,300	LIFE	**	5	\$600	
	Corrosion/Rusting, Extent : Severe, Area Affected : 15%							
	Location : Support Beams In Basement							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Basement - Mechanical Room							
Gypsum Board	5%			LIFE	**	5-10	\$1,300	

**Site Enclosure**

*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**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure									
	Fence/Gates								
	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	**			
			Broken/Missing Elements, Extent : Severe, Area Affected : 30%						
			Location : Entry Stairs - Completely Washed Out						
	Pavers/Stone	50%			2031	**			
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2048	**	5	\$100	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room						
			Explanation : Two 200 Amperes Main Disconnect Switch						
	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	\$200	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2041	**	1	\$1,600	
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Electrical Room Basement						
			Explanation : One Ats						

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK COMMUNICATIONS CENTER**  
**Asset # : 273**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Generators								
	Diesel	100%			2037	**	1	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : One 85/104 Kw							
	Batteries								
	Lead/Acid	100%			2022	\$1,500	5	\$200	
	Fuel Storage								
	Main Tank	100%			2056	**	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Area - Outside							
		Explanation : One 160 Gallons							
Lighting									
	Interior Lighting								
	Fluorescent	90%			2033	**	10	\$4,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-12 Lamps							
	Fluorescent	10%			2038	**	10	\$500	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : UPS Room - Basement							
	Egress Lighting								
	Emergency, Service	40%			2033	**	1		
	Emergency, Service	10%			2038	**	1		
	Emergency, Battery	10%			2033	**	10	\$100	
	Exit, Service	40%			2033	**	1		
	Exterior Lighting								
	HID	100%			2033	**	10		
Alarm									
	Security System								
	Generic	100%			2033	**	1	\$1,900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Inside And Outside Of The Building							
		Explanation : Six CCTV Surveillance Camera							
	Fire/Smoke Detection								
	Generic, Digital	100%			2038	**	1-3	\$3,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Smoke Detector, Strobe Lights Bell And Pullbox							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2038	**	1		

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\*\* 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**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	100%			2023	\$11,200	1	\$2,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 2 Roof Top Package Units							
Air Conditioning									
	Energy Source								
	Electricity	100%			2044	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	65%			2023	\$38,800	2	\$200	
		R-22 Refrigerant, Extent : Light, Area Affected : 65%							
		Location : Roof							
	Split Unit	10%			2036	* *			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Roof							
		Explanation : R-410a							
	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%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,500	
	Exhaust Fans								
	Roof	10%			2033	* *	2		
	Roof	90%			2023	\$7,100	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2048	* *	1		
	Water Heater								
	Electric	100%			2027	\$4,200	4		
	Sanitary Piping								
	Cast Iron	100%	Now	\$1,700	LIFE	* *	1		
		Corroded, Extent : Moderate, Area Affected : 5%							
		Location : Basement							
		Leak Evident, Extent : Severe, Area Affected : 5%							
		Location : Clogged And Causing Leak From 1st Public Comfort Station To Basement							
		Malfunctioning, Extent : Moderate, Area Affected : 10%							
		Location : Connection To Street Sewer Backs Up							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2033	* *	1	\$300	

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*\*\* 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing	Fixtures								
	Generic	100%							

*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$35,700	
Interior Architecture	\$42,900	
Electrical		\$55,100
Mechanical		\$234,000
<b>Total</b>	<b>\$78,500</b>	<b>\$289,100</b>
Importance Code A	\$35,700	
Importance Code B		\$289,100
Importance Code C	\$42,900	
<b>Total</b>	<b>\$78,500</b>	<b>\$289,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$53,000			
Interior Architecture	\$54,200		\$6,600	\$700
Electrical	\$16,300			\$100
Mechanical	\$2,300	\$1,900	\$2,200	\$2,000
Site Enclosure	\$4,200			
<b>Total</b>	<b>\$130,000</b>	<b>\$1,900</b>	<b>\$8,800</b>	<b>\$2,700</b>
Importance Code A	\$54,100	\$1,100	\$1,100	\$1,100
Importance Code B	\$63,500	\$800	\$7,700	\$1,600
Importance Code C	\$12,500			
<b>Total</b>	<b>\$130,000</b>	<b>\$1,900</b>	<b>\$8,800</b>	<b>\$2,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**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	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	\$18,800	
Cast Stone/Terra Cotta	1%			LIFE	* *	5	\$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Facade								
Explanation : Decorative Elements								
Masonry: Brick	63%	Now	\$35,700	LIFE	* *	5	\$11,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : At Corners Of Building								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Below Balconies, North Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : At Window Headers And Wall Penetrations								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Masonry: Brick	15%			LIFE	* *	5	\$5,600	
Metal Coiling Doors	4%	Now	\$8,500	2033	* *	5	\$1,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : North Gates								
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : North Gates								
Pre-Cast Concrete	7%	Now	\$8,700	LIFE	* *	5	\$4,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East And West Facades								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : East And West Facades								
Windows								
Aluminum	100%			2044	* *	5	\$2,600	

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\*\* 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Parapets								
Masonry: Brick	25%	Now	\$14,300	LIFE	**	5	\$1,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : East And South Walls								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : East Facade, South Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : East And South Walls								
Metal Security Bars	15%			2043	**			
Pre-Cast Concrete	5%	Now	\$2,700	LIFE	**	5	\$1,600	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping - 2nd Floor Deck								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Coping - 2nd Floor Deck								
Not Accessible	55%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Rooftop Above 2nd Floor Offices								
Explanation : Area Inaccessible								
Roof								
Cast in Place Concrete	5%	Now	\$900	LIFE	**			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Cast in Place Concrete	5%			LIFE	**	10	\$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Wall								
Explanation : Exterior Stairs Atop Basement Area Below								
Plaza Roof: Stone Panels	10%			2048	**			
Not Accessible	80%							
Soffits								
Cast Iron	100%	Now	\$1,900	LIFE	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : North Balconies								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : At Connection Points - North Balconies								
Interior								
Floors								
Cast in Place Concrete	50%	4+	\$8,700	LIFE	**	5	\$18,400	
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Offices								
Ceramic Tile	8%			2037	**	5	\$1,300	
Panel/Paver: Cer/Brk	35%			2036	**	5	\$13,200	
Not Accessible	7%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Storage Area South Side								
Explanation : Are Not Accessible								

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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		
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	\$9,000	LIFE		* *		
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Basement Wall Below Public Bathrooms								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement Wall Below Public Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Masonry: Brick	50%	Now	\$42,900	LIFE		* *		
Diagonal Cracks, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	10%			LIFE		* *	5-10	\$1,900
SGFT/Glazed Masonry	20%			LIFE		* *	10	\$2,200
Not Accessible	7%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Storage Area South Side								
Explanation : Area Not Accessible								
Ceilings								
Exposed Concrete	53%	Now	\$28,600	LIFE		* *	5	\$1,400
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement Under Public Bathrooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Under Public Bathrooms								
Plaster	40%	0-2	\$4,400	LIFE		* *	5	\$4,200
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Not Accessible	7%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Storage Area South Side								
Explanation : Area Not Accessible								
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	\$4,200	2038		* *		
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : South East Corner At Stairs Leading To Park								
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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2048	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room - Basement									
Explanation : One 200 Amperes And 100 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2048	* *	5	\$300	
Raceway									
	Conduit	50%			2028	\$13,900	1		
	Conduit	50%			2048	* *	1		
Panelboards									
	Fused Disc Sw	5%			2027	\$1,500	5		
	Molded Case Bkrs	70%			2027	\$20,900	5	\$200	
	Molded Case Bkrs	25%			2044	* *	5	\$100	
Wiring									
	Braided Cloth	30%	2-4	\$14,000	2053	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	40%			2028	\$18,700	1		
	Thermoplastic	30%			2048	* *	1		
Motor Controllers									
	Locally Mounted	100%			2026	\$29,400	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
	Interior Lighting								
	Fluorescent	20%			2023	\$12,800	10	\$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : T-12 Lamps									
	Fluorescent	10%			2033	* *	10	\$1,000	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	Fluorescent	70%			2033	* *	10	\$7,200	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Exterior Lighting									
	HID	100%			2023	\$42,300	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2028	\$20,500	5	\$3,500	

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**DEPT. OF PARKS & RECREATION - 846**  
**SARA D. ROOSEVELT PARK DISTRICT OFFICE NO. 3**  
**Asset # : 272**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Steam Boiler	100%			2045	* *	1	\$11,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 Unit							
	Distribution								
	Central Plant Steam	100%			2028	\$177,700	4	\$800	
	Piping/Pmp								
	Terminal Devices								
	Convactor/Radiator	100%			2026	\$56,200	1	\$3,600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
	Conversion Equipment								
	Split Unit	35%			2033	* *			
		Other Observation, Extent : Light, Area Affected : 35%							
		Location : Side Wall Of The Building							
		Explanation : 6 Units. R-410a							
	No Component	65%							
	Terminal Devices								
	Fan Coil - 2 Pipe	35%			2033	* *	1	\$1,300	
	No Component	65%							
	Heat Rejection								
	Evaporative Condenser	35%			2033	* *	2	\$2,700	
	No Component	65%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2028	\$23,500	1		
	Galvanized Steel	70%			2026	\$32,300	1		
	Water Heater								
	Electric	100%			2023	\$9,300	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2022	\$400	4	\$400	
	Fixtures								
	Generic	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : SILVER LAKE PARK CLUBHOUSE  
**Address** : VICTORY BLVD AND SOUTH END OF VICTORY BLVD./SIL. LAKE PK. 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** : 10-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 239 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$162,900	
Interior Architecture	\$49,500	
Electrical		\$221,800
Mechanical		\$36,400
<b>Total</b>	<b>\$212,400</b>	<b>\$258,200</b>
Importance Code A	\$162,900	
Importance Code B	\$49,500	\$258,200
<b>Total</b>	<b>\$212,400</b>	<b>\$258,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$32,200		\$4,400	\$1,100
Interior Architecture	\$26,900	\$700	\$38,600	
Electrical	\$17,500	\$3,200	\$1,200	\$1,300
Mechanical	\$2,400	\$3,500	\$2,300	\$3,500
<b>Total</b>	<b>\$79,000</b>	<b>\$7,500</b>	<b>\$46,500</b>	<b>\$5,900</b>
Importance Code A	\$33,500	\$1,400	\$5,700	\$2,400
Importance Code B	\$37,300	\$6,000	\$40,800	\$3,600
Importance Code C	\$8,200			
<b>Total</b>	<b>\$79,000</b>	<b>\$7,500</b>	<b>\$46,500</b>	<b>\$5,900</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK CLUBHOUSE**  
**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	\$17,900	LIFE	**	5	\$8,000	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Masonry: Brick	35%	Now	\$47,900	LIFE	**	5	\$8,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Basement Wall Behind Veranda								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Rear Wall, Surrounding Stairs								
Split/Cracked, Extent : Severe, Area Affected : 10%								
Location : Near Stair								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Wall Behind Veranda								
Masonry: Brick	50%			LIFE	**	5	\$11,400	
Metal Coiling Doors	3%			2042	**	5	\$2,100	
Wood	5%	Now	\$11,900	2030	**	5	\$2,800	
Paint Peeling, Extent : Moderate, Area Affected : 55%								
Location : Roof Dormers And Exterior Doors								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Roof Dormers And Exterior Doors								
Windows								
Steel	20%	Now	\$36,500	2050	**	5	\$4,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Second Floor								
Wood	80%	Now	\$78,400	2050	**	5	\$14,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	10%			LIFE	**	5	\$400	
Pre-Cast Concrete	5%	Now	\$2,400	LIFE	**	5	\$1,400	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Coping								
No Component	85%							
Roof								
Panel/Paver: Cer/Brk	25%			2051	**	10	\$4,400	
Slate	75%			LIFE	**			

## Interior

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK CLUBHOUSE**  
**Asset # : 303**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Interior									
Floors									
	Carpet	15%			2021	\$37,200	3	\$4,400	
	Cast in Place Concrete	40%			LIFE	* *	5	\$17,000	
	Ceramic Tile	15%			2038	* *	5	\$2,900	
	Vinyl Tile	30%			2020	\$49,500	3	\$2,200	
Interior Walls									
	Cast in Place Concrete	20%			LIFE	* *			
	Water Penetration, Extent : Severe, Area Affected : 10%								
	Location : Rear Basement - Bermed Wall								
	Masonry: Brick	15%			LIFE	* *			
	Plaster	55%	Now	\$8,200	LIFE	* *	5	\$3,100	
	Vertical Cracks, Extent : Moderate, Area Affected : 5%								
	Location : Chimney / Stairwell								
	Wood	10%			LIFE	* *	5	\$7,400	
Ceilings									
	Exposed Concrete	15%	Now	\$18,700	LIFE	* *	5	\$500	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
	Location : Basement And Throughout Stairwell								
	Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
	Location : Basement								
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Basement								
	Plaster	85%			LIFE	* *	5	\$10,300	
Electrical		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2045	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : Main Service Switches Rated @ 150 Amperes And 2-100 Amperes Respectively								
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2045	* *	5	\$300	
Raceway									
	Conduit	20%			2045	* *	1		
	Conduit	80%			2025	\$25,000	1		

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK CLUBHOUSE**  
**Asset # : 303**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	5%			2024	\$700	5		
	Fused Toggle Switch	15%	0-2	\$2,200	2050	**	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : On Extended Life.									
	Molded Case Bkrs	40%			2041	**	5	\$100	
	Molded Case Bkrs	40%			2024	\$6,000	5	\$100	
Wiring									
	Braided Cloth	50%	2-4	\$13,800	2050	**	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Thermoplastic	30%			2025	\$8,300	1		
	Thermoplastic	20%			2045	**	1		
Motor Controllers									
	Locally Mounted	100%			2023	\$30,200	5	\$100	
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	20%			2025	\$26,000	10	\$2,400	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Basement									
	Fluorescent	65%			2033	**	10	\$7,700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : Compact Fluorescent Light Fixtures									
	Fluorescent	15%			2030	**	10	\$1,800	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Egress Lighting									
	Emergency, Battery	50%			2033	**	10	\$1,600	
	Exit, Service	50%			2033	**	1		
Exterior Lighting									
	Fluorescent	100%			2025	\$37,800	10	\$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : Compact Fluorescent Light Fixtures									
Alarm									
	Security System								
	Generic	100%			2025	\$35,700	1	\$4,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : C C T V Surveillance System									

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK CLUBHOUSE**  
**Asset # : 303**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Alarm**

Fire/Smoke Detection

Generic, Digital

100%

2025

\$122,300

1-3

\$7,500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Strobe Lights, Manual Pull Stations, Horns And Smoke Detectors*

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Heating**

Energy Source

Natural Gas

100%

2035

\* \*

1

Conversion Equipment

Steam Boiler

100%

2030

\* \*

1

\$12,900

*Other Observation, Extent : Light, Area Affected : 100%**Location : Boiler Room, Basement**Explanation : 1 Unit*

Distribution

Central Plant Steam

100%

2035

\* \*

4

\$1,000

Piping/Pmp

Terminal Devices

Convactor/Radiator

80%

2030

\* \*

1

\$3,400

Fan Coil Unit/Heat

20%

2025

\$36,400

1

\$800

**Air Conditioning**

Energy Source

Electricity

100%

2033

\* \*

1

Conversion Equipment

Split Unit

80%

2033

\* \*

*R-134a Refrigerant, Extent : Light, Area Affected : 80%**Location : 5 Units, Various Locations*

No Component

20%

Terminal Devices

Fan Coil - 2 Pipe

80%

2030

\* \*

1

\$3,400

No Component

20%

Heat Rejection

Dry Cooler

80%

2030

\* \*

2

\$7,200

No Component

20%

**Plumbing**

H/C Water Piping

Brass/Copper

70%

2045

\* \*

1

Galvanized Steel

30%

2023

\$16,000

1

Water Heater

Gas Fired

100%

2024

\$7,400

2

\$200

Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

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**DEPT. OF PARKS & RECREATION - 846**  
**SILVER LAKE PARK CLUBHOUSE**  
**Asset # : 303**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sewage Ejector(s)								
	Electric	100%			2033	* *	4	\$500	
	Fixtures								
	Generic	100%							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : In Fair Condition							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : SILVER LAKE PARK FIELD HOUSE  
**Address** : VICTORY BLVD AND CLOVE RD HART BLVD. AND REVERE ST.  
**Borough** : STATEN ISLAND **Agency's Number** : R022-04A  
**Program / Asset #** : PAR0085.04A / 601 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 5,703 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 239 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Interior Architecture		\$43,800
Electrical		\$59,000
Mechanical	\$109,600	\$37,100
<b>Total</b>	<b>\$109,600</b>	<b>\$139,900</b>
Importance Code B	\$109,600	\$139,900
<b>Total</b>	<b>\$109,600</b>	<b>\$139,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$31,400	\$1,400		
Interior Architecture	\$37,600			\$600
Electrical	\$400	\$1,500	\$300	\$400
Mechanical	\$1,100	\$10,600	\$1,500	\$900
<b>Total</b>	<b>\$70,500</b>	<b>\$13,500</b>	<b>\$1,800</b>	<b>\$2,000</b>
Importance Code A	\$32,000	\$2,000	\$600	\$600
Importance Code B	\$38,500	\$11,500	\$1,200	\$1,400
Importance Code C				
<b>Total</b>	<b>\$70,500</b>	<b>\$13,500</b>	<b>\$1,800</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**  
**SILVER LAKE PARK FIELD HOUSE**  
**Asset # : 601**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	95%	Now	\$31,400	LIFE	**	5	\$10,400	
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Foundation Under Back Porch							
	Wood	5%			2030	**	5	\$2,700	
Windows									
	Wood	100%			2033	**	5	\$16,900	
Roof									
	Metal Panel	2%			2038	**	10	\$200	
	Slate	98%			LIFE	**			
Interior									
	Floors								
	Ceramic Tile	10%			2034	**	5	\$900	
	Quarry Tile	35%			2038	**	5	\$4,900	
	Vinyl Tile	55%	Now	\$8,800	2025	\$43,800	3	\$1,900	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Poor Subfloor Evident, Extent : Moderate, Area Affected : 40%							
		Location : Entry Hall							
Interior Walls									
	Gypsum Board	25%			LIFE	**	5	\$1,300	
	Plaster	50%			LIFE	**	5	\$1,300	
	Wood	25%			LIFE	**	5	\$9,000	
Ceilings									
	AcousTileSusp.Lay-In	30%	Now	\$22,700	2045	**	5	\$1,400	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 60%							
		Location : Throughout							
	Gypsum Board	30%	Now	\$5,700	LIFE	**	5	\$3,500	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Basement							
	Plaster	35%			LIFE	**	5	\$2,100	
	Wood	5%			LIFE	**	5	\$4,100	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Under 600 Volts

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 FIELD HOUSE**  
**Asset # : 601**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2035	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : One 400 Amperes And 100 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2035	* *	5		
	Raceway								
	Conduit	100%			2035	* *	1		
	Panelboards								
	Fused Disc Sw	20%			2033	* *	5		
	Molded Case Bkrs	80%			2033	* *	5	\$100	
	Wiring								
	Thermoplastic	100%			2035	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2030	* *	5		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	70%			2025	\$9,600	10	\$4,000	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	20%			2030	* *	10	\$1,200	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
	Fluorescent	10%			2025	\$1,400	10	\$600	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Egress Lighting								
	Exit, Service	100%			2025	\$1,700	1		
	Exterior Lighting								
	HID	100%			2025	\$21,500	10		
Alarm									
	Fire/Smoke Detection								
	Generic, Digital	100%			2025	\$59,000	1-3	\$3,600	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Alarm Bells, Strobe Light, Smoke Detector							
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									

*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**  
**SILVER LAKE PARK FIELD HOUSE**  
**Asset # : 601**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2035	**	1		
	Conversion Equipment								
	Steam Boiler	100%			2030	**	1	\$6,200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Boiler Room								
	Explanation : 1 Unit								
	Distribution								
	Central Plant Steam	100%			2035	**	4	\$500	
	Piping/Pmp								
	Terminal Devices								
	Air Handler	45%			2025	\$37,100	1	\$1,700	
	Convactor/Radiator	45%			2030	**	1	\$900	
	Fan Coil Unit/Heat	10%			2025	\$8,800	1	\$200	
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	**	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	50%	Now	\$109,600	2030	**	2	\$200	
	Not in Service, Extent : Severe, Area Affected : 100%								
	Location : Basement								
	R-22 Refrigerant, Extent : Light, Area Affected : 50%								
	Location : Basement								
	Window/Wall Unit	50%			2020	\$6,100	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,500	
	Exhaust Fans								
	Interior	100%			2025	\$20,900	2	\$200	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	**	1		
	Water Heater								
	Gas Fired	100%			2020	\$3,600	2	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Explanation : In Fair Condition								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : SILVER LAKE PARK GARAGE  
**Address** : VICTORY BLVD AND CLOVE RD CHESHIRE PL. (OFF VICTORY BLVD)  
**Borough** : STATEN ISLAND **Agency's Number** : R022-14  
**Program / Asset #** : PAR0085.014 / 2681 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 1,802 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 10-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 239 **Lot** : 1 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$51,100			
Interior Architecture				
<b>Total</b>	<b>\$51,100</b>			
Importance Code A	\$51,100			
Importance Code B				
Importance Code C				
<b>Total</b>	<b>\$51,100</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**  
**SILVER LAKE PARK GARAGE**  
**Asset # : 2681**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Concrete Masonry Unit	40%			LIFE	* *	5	\$1,200	
	Metal Coiling Doors	20%			2038	* *	5	\$3,100	
	Wood	40%	Now	\$30,700	2030	* *	5	\$4,900	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : South Facade								
	Split/Cracked, Extent : Moderate, Area Affected : 25%								
	Location : East Facade								
Windows									
	Wood	100%	Now	\$2,200	2050	* *	5	\$400	
	Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Split/Cracked, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Roof									
	Slate	100%	Now	\$18,300	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
Interior									
Floors									
	Cast in Place Concrete	90%			LIFE	* *	5	\$5,700	
	Wood	10%			2028	\$9,500	5	\$500	
Interior Walls									
	Plaster	100%			LIFE	* *	5	\$100	
	Deteriorated Finish, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Ceilings									
	Exposed Struc: Wood	50%			LIFE	* *			
	Plaster	50%			LIFE	* *	5	\$900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 239 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,650,000	\$320,000
Mechanical		\$60,600
<b>Total</b>	<b>\$1,650,000</b>	<b>\$380,600</b>
Importance Code A	\$1,650,000	\$320,000
Importance Code B		\$60,600
<b>Total</b>	<b>\$1,650,000</b>	<b>\$380,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$43,900	\$20,300		
Interior Architecture	\$59,700			\$200
Electrical		\$9,200		
Mechanical	\$2,400	\$10,800	\$1,000	\$800
<b>Total</b>	<b>\$106,100</b>	<b>\$40,400</b>	<b>\$1,000</b>	<b>\$1,000</b>
Importance Code A	\$44,400	\$20,900	\$400	\$400
Importance Code B	\$26,900	\$19,500	\$600	\$600
Importance Code C	\$34,800			
<b>Total</b>	<b>\$106,100</b>	<b>\$40,400</b>	<b>\$1,000</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**  
**SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

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%	Now	\$195,500	LIFE	* *	5	\$43,400	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Diagonal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : All Corners Of Greenhouse							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : All Corners Of Greenhouse							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Masonry: Brick	10%	Now	\$13,100	LIFE	* *	5	\$2,200	
		Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%							
		Location : North Facade							
	Window Wall	50%			2035	* *	5	\$40,700	
Windows									
	Wood	20%	Now	\$6,200	2050	* *	5	\$1,100	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Main House							
		Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
		Location : Main House							
		Split/Cracked, Extent : Moderate, Area Affected : 50%							
		Location : Main House							
	Wood	80%	Now	\$24,700	2050	* *	5	\$4,400	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 25%							
		Location : Greenhouse							
		Unit Inoperable, Extent : Moderate, Area Affected : 15%							
		Location : Greenhouse							
		Water Penetration, Extent : Moderate, Area Affected : 25%							
		Location : Greenhouse							
Roof									
	Slate	15%			LIFE	* *			
	Sloped Glazing	85%	Now	\$1,454,500	LIFE	* *	5	\$276,600	
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Glazing Clouded, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 35%							
		Location : Wood Framing							
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Wood Framing							
		Explanation : Split And Cracked Wood							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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%			LIFE	* *	5	\$24,200	
	Vinyl Tile	15%	Now	\$16,600	2035	* *	3	\$700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : Main House								
	Worn/Eroded, Extent : Moderate, Area Affected : 50%								
	Location : Main House								
Interior Walls									
	Cast in Place Concrete	85%	Now	\$34,800	LIFE	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Greenhouse Perimeter								
	Water Penetration, Extent : Moderate, Area Affected : 40%								
	Location : Basement								
	Plaster	15%			LIFE	* *	5	\$100	
Ceilings									
	Exposed Concrete	10%	Now	\$8,400	LIFE	* *	5	\$200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Basement								
	Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
	Location : Basement								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : Basement								
	Plaster	10%			LIFE	* *	5	\$800	
	No Component	80%							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2035	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : No Nameplate Ratings Available								
	Raceway								
	Conduit	100%			2035	* *	1		
Panelboards									
	Fused Disc Sw	25%			2033	* *	5		
	Molded Case Bkrs	50%			2033	* *	5	\$100	
	Molded Case Bkrs	25%			2024	\$1,900	5	\$100	
	Enclosure Corroded, Extent : Moderate, Area Affected : 50%								
	Location : Basement								
	Wiring								
	Thermoplastic	100%			2035	* *	1		

**Ground**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846  
SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

<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>

Ground

Grounding Devices Not Accessible	100%
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Lighting

Interior Lighting Fluorescent	20%			2025	\$3,800	10	\$1,600	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building</i>								
Fluorescent	60%			2025	\$11,400	10	\$4,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100% Location : Greenhouse Explanation : Compact Fluorescent Light Fixtures</i>								
Incandescent	20%			2020	\$9,100	2		
Exterior Lighting HID	100%			2025	\$28,500	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 Interruptible Gas/Dual Fuel	100%			2035	**	1		
Conversion Equipment Furnace	15%			2025	\$2,900	1	\$600	
<i>Other Observation, Extent : Light, Area Affected : 15% Location : Ground Floor Explanation : 1 Unit</i>								
Hot Water Boiler	85%			2030	**	1	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100% Location : Greenhouse Explanation : 1 Unit</i>								
Distribution Hot Wtr Piping/Pump	100%			2033	**	4	\$400	
Terminal Devices Convactor/Radiator	100%			2030	**	1	\$2,800	

Air Conditioning

Energy Source Electricity	100%			2033	**	1		
Conversion Equipment Window/Wall Unit	10%			2019	\$1,700	1		
<i>Other Observation, Extent : Light, Area Affected : 10% Location : Office Explanation : 1 Unit</i>								
No Component	90%							

Ventilation

*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  
SILVER LAKE PARK GREENHOUSE BLDG.**

**Asset # : 304**

<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>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Ventilation								
	Exhaust Fans							
	Wall Unit	100%		2020	\$2,900	2	\$300	
Plumbing								
	H/C Water Piping							
	Brass/Copper	100%		2025	\$60,600	1		
	Water Heater							
	Electric	100%		2020	\$7,200	4	\$100	
	HW Heat Exchanger							
	HTHW/HW	100%		2035	* *			
	Sanitary Piping							
	Cast Iron	100%		LIFE	* *	1		
	Sump Pump(s)							
	Non-Submersible	100%		2025	\$1,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 05-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 6110 **Lot** : 32 **BIN** : 5079727

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$198,000	\$165,900
Electrical	\$14,500	\$31,700
Mechanical		\$422,200
<b>Total</b>	<b>\$212,500</b>	<b>\$619,800</b>
Importance Code A	\$198,000	\$271,500
Importance Code B	\$14,500	\$348,400
<b>Total</b>	<b>\$212,500</b>	<b>\$619,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$1,600	\$33,700	\$15,800	
Interior Architecture	\$24,100	\$7,500	\$2,200	
Electrical	\$3,500	\$7,700	\$900	\$800
Mechanical	\$3,600	\$4,400	\$5,800	\$2,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$36,800</b>	<b>\$57,400</b>	<b>\$28,600</b>	<b>\$7,000</b>
Importance Code A	\$3,200	\$35,300	\$17,400	\$1,300
Importance Code B	\$14,000	\$21,000	\$11,200	\$5,700
Importance Code C	\$19,600	\$1,000		
<b>Total</b>	<b>\$36,800</b>	<b>\$57,400</b>	<b>\$28,600</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**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**  
**Asset # : 595**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
	Exterior Walls								
	Masonry: Brick	60%	Now	\$91,700	LIFE	* *	5	\$30,400	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Wood	40%	0-2	\$106,300	2030	* *	5	\$50,700	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Windows									
	Aluminum	100%			2050	* *	5	\$7,800	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Parapets									
	Metal Rail	25%			2038	* *	5-10	\$44,800	
	Wood Cornice	50%			2045	* *	5-10	\$65,600	
	No Component	25%							
Roof									
	Asphalt Shingle	20%			2040	* *	10	\$1,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Cement-Fiber Panel	15%	Now	\$1,600	2038	* *	5	\$1,500	
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Roll Roofing	65%			2026	\$78,400	5	\$31,700	
Interior									
	Floors								
	Carpet	10%			2027	\$55,300	3	\$6,500	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Cast in Place Concrete	10%	Now	\$4,500	LIFE	* *	5	\$9,500	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Water Penetration, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Ceramic Tile	5%			2040	* *	5	\$2,200	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Granite Panels	75%			LIFE	* *	5	\$24,400	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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	

## Interior

## Interior Walls

Cast in Place Concrete	15%	Now	\$19,600	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Ceramic Tile	5%			2040	**	5	\$2,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Gypsum Board	30%			LIFE	**	5	\$7,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	5%			LIFE	**			
Plaster	45%			LIFE	**	5	\$5,600	
<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								

## Ceilings

AcousTileSusp.Lay-In	25%			2045	**	5	\$10,900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	10%			LIFE	**	5	\$700	
Gypsum Board	35%			LIFE	**	5	\$19,000	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Plaster	30%			LIFE	**	5	\$8,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</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

Molded Case Bkrs	100%			2025	\$2,500	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amperes Main Disconnect Switch</i>								

## Switchgear / Switchboard

Molded Case Bkrs	100%			2025	\$32,300	5	\$700	
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## Raceway

Conduit	80%			2025	\$25,000	1		
Conduit	20%			2051	**	1		

## Panelboards

Fused Disc Sw	5%			2024	\$1,100	5		
Molded Case Bkrs	30%			2024	\$6,700	5	\$200	
Molded Case Bkrs	65%			2047	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**  
**Asset # : 595**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Wiring									
	Braided Cloth	10%	0-2	\$2,800	2050	**	1		
On Extended Life, Extent : Moderate, Area Affected : 90%									
Location : Throughout									
	Thermoplastic	70%			2051	**	1		
	Thermoplastic	20%			2035	**	1		
Motor Controllers									
	Locally Mounted	70%			2023	\$31,700	5	\$100	
	Locally Mounted	30%			2042	**	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$400	
Lighting									
Interior Lighting									
	Fluorescent	30%			2033	**	10	\$8,000	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
	Fluorescent	5%			2020	\$14,500	10	\$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : T-12 Lamps									
	Fluorescent	10%			2033	**	10	\$2,700	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 10%									
Location : Throughout The Building									
	Incandescent	50%			2033	**	2	\$300	
Other Observation, Extent : Moderate, Area Affected : 90%									
Location : First Floor									
Explanation : Pendant Mounted Decorative Fixtures Throughout Restaurant Areas									
	Incandescent	5%			2033	**	2		
Other Observation, Extent : Moderate, Area Affected : 5%									
Location : 1st And 2nd Floor Lobbies									
Explanation : Chandelier Fixtures									
Egress Lighting									
	Emergency, Battery	40%			2033	**	10	\$2,800	
	Emergency, Battery	10%			2020	\$3,900	10	\$700	
	Exit, Service	40%			2033	**	1		
	Exit, Service	10%			2020	\$400	1		
Exterior Lighting									
	HID	100%			2030	**	10	\$100	
Alarm									
Fire/Smoke Detection									
	No Component	60%							
	Generic, Digital	40%			2033	**	1-3	\$6,500	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH SHORE COUNTRY CLUB CLUBHOUSE/RESTAURANT**  
**Asset # : 595**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2045	**	1		
	Conversion Equipment								
	Furnace	90%			2025	\$57,500	1	\$12,900	
		Other Observation, Extent : Light, Area Affected : 90%							
		Location : Roof							
		Explanation : 8 Units							
	Radiant Heater	10%			2025	\$48,100	2	\$1,300	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Basement							
		Explanation : 1 Unit							
	Terminal Devices								
	Fan Coil Unit/Heat	10%			2030	**	1	\$900	
	No Component	90%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	80%			2025	\$271,700	2	\$1,400	
		R-22 Refrigerant, Extent : Light, Area Affected : 80%							
		Location : Roof							
	No Component	20%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$16,200	
	Exhaust Fans								
	Roof	100%			2025	\$45,000	2	\$900	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	**	1		
	Water Heater								
	Gas Fired	100%			2023	\$16,500	2	\$400	
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Floors 1-2							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	Generic	100%			2045	**	1-2	\$8,100	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

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\*\* 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>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>Priority</b>
Fire Suppression	Chemical System							
	Generic	100%		2020	\$1,900	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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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$52,500		\$20,300	
Interior Architecture	\$32,700		\$600	\$300
Electrical	\$400	\$300	\$400	\$300
Mechanical	\$2,400	\$700	\$800	\$600
Site Enclosure	\$1,400			
Site Pavements	\$2,800			
<b>Total</b>	<b>\$92,200</b>	<b>\$1,000</b>	<b>\$22,200</b>	<b>\$1,200</b>
Importance Code A	\$53,000	\$500	\$20,800	\$500
Importance Code B	\$27,600	\$500	\$1,400	\$700
Importance Code C	\$11,600			
<b>Total</b>	<b>\$92,200</b>	<b>\$1,000</b>	<b>\$22,200</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**  
**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	\$7,600		
	Masonry: Brick	70%			LIFE	**	5	\$21,300		
	Masonry: Limestone	15%	4+	\$12,400	LIFE	**	5	\$1,700		
Staining/Discoloring, Extent : Moderate, Area Affected : 15%										
Location : At Base Of Columns										
	Metal Sect. OHD	10%			2041	**	5	\$4,800		
Other Observation, Extent : Light, Area Affected : 100%										
Location : At Rotunda (Park Side) And Above All Doors										
Explanation : Roll Down Security Gates										
Windows										
	Steel	100%			2044	**	5	\$28,000		
Parapets										
	No Component	50%								
	Not Accessible	50%								
Roof										
	Metal Panel	50%			2041	**	10	\$17,900		
	Not Accessible	50%								
Soffits										
	Masonry: Limestone	100%	Now	\$11,600	LIFE	**	5	\$400		
Spalling, Extent : Moderate, Area Affected : 35%										
Location : At Wall Openings At Rotunda (Park Side)										
Water Penetration, Extent : Moderate, Area Affected : 15%										
Location : At Rotunda										
Interior										
Floors										
	Cast in Place Concrete	20%			LIFE	**	5	\$9,000		
	Ceramic Tile	5%			2037	**	5	\$500		
	Terrazzo	25%	4+	\$6,000	LIFE	**	5	\$2,000		
Worn/Eroded, Extent : Light, Area Affected : 20%										
Location : Public Restrooms										
	Vinyl Tile	50%			2033	**	3	\$1,900		
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%										
Location : Door Thresholds Throughout										
Interior Walls										
	Masonry: Brick	15%			LIFE	**	10	\$800		
	Plaster	65%			LIFE	**	5-10	\$9,700		
	SGFT/Glazed Masonry	20%			LIFE	**	10	\$1,800		
Ceilings										
	Plaster	100%	Now	\$13,500	LIFE	**	5	\$6,400		
Water Penetration, Extent : Moderate, Area Affected : 15%										
Location : At Crown Above Window Openings In Rotunda										
Site Enclosure										
Fence/Gates										
	Aluminum Picket	100%			2048	**				

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 JAMES PARK COMFORT AND RECREATION BLDG.**  
**Asset # : 231**

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Site Enclosure

## 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>								

## Site Pavements

## On-Site Walkways

Cast in Place Concrete	40%	Now	\$2,800	2033	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Steps Leading To Rotunda</i>								

Pavers/Stone	60%			2037	**			
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Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2048	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement - Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 200 Amperes.</i>								

## Switchgear / Switchboard

Molded Case Bkrs	100%			2048	**	5	\$100	
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## Raceway

Conduit	100%			2048	**	1		
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## Panelboards

Molded Case Bkrs	100%			2044	**	5	\$100	
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## Wiring

Thermoplastic	100%			2048	**	1		
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## Motor Controllers

Locally Mounted	100%			2041	**	5		
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## Ground

## 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>								

## Lighting

## 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	
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*Compact Fluorescent Light, Extent : Light, Area Affected : 100%*  
*Location : Cafeteria*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Lighting**

Egress Lighting									
Emergency, Battery	50%			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 A 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*

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Heating**

Energy Source									
Natural Gas	100%			2038		**	1		

Conversion Equipment									
Steam Boiler	100%			2026		\$28,800	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	\$2,100	
No Component	50%								

Exhaust Fans									
Roof	50%			2028		\$3,700	2	\$100	
No Component	50%								

**Plumbing**

H/C Water Piping									
Brass/Copper	100%			2038		**	1		

Water Heater									
Gas Fired	100%			2023		\$2,700	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>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>Priority</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.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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-Sep-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3190 **Lot** : 1 **BIN** : 2014129

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$38,000
Interior Architecture		\$219,100
Electrical	\$45,200	\$56,600
Mechanical	\$54,200	\$321,500
<b>Total</b>	<b>\$99,500</b>	<b>\$635,200</b>
Importance Code A		\$38,000
Importance Code B	\$99,500	\$597,200
<b>Total</b>	<b>\$99,500</b>	<b>\$635,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$54,000			\$1,800
Interior Architecture	\$27,800		\$2,200	\$400
Electrical	\$58,900	\$200		\$100
Mechanical	\$35,200	\$3,000	\$6,900	\$2,700
<b>Total</b>	<b>\$175,900</b>	<b>\$3,200</b>	<b>\$9,100</b>	<b>\$5,000</b>
Importance Code A	\$64,300	\$800	\$800	\$2,600
Importance Code B	\$102,500	\$2,500	\$8,400	\$2,500
Importance Code C	\$9,200			
<b>Total</b>	<b>\$175,900</b>	<b>\$3,200</b>	<b>\$9,100</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**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	3%	Now	\$8,000	LIFE	**	5	\$3,500	
		Diagonal Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Smoke Stack							
		Expansion Jnt Failure, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Smoke Stack							
	Cast in Place Concrete	15%			LIFE	**	5	\$17,700	
	Masonry: Brick	80%			LIFE	**	5	\$18,800	
	Metal Coiling Doors	2%	0-2	\$2,700	2029	**	5	\$700	
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Windows									
	Aluminum	100%			2032	**	5	\$3,600	
Parapets									
	Cast in Place Concrete	40%			LIFE	**	5	\$38,000	
	Metal Panel	10%	0-2	\$7,100	2034	**	5	\$1,800	
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Metal: Cage/Fence	50%	2-4	\$9,100	2029	**	5	\$14,800	
		Corrosion/Rusting, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Roof									
	Modified Bitumen	100%	0-2	\$27,200	2029	**			
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Interior									
Floors									
	Cast in Place Concrete	10%	Now	\$500	LIFE	**	5	\$5,000	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Boiler Room							
		Explanation : Ground Water Penetration							
	Sheet Vinyl/Rubber	10%	0-2	\$6,800	2024	\$67,700	5	\$1,700	
		Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Vinyl Tile	78%			2024	\$151,400	3	\$6,700	
	Wood	2%			2052	**	5	\$900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Interior

## Interior Walls

Cast in Place Concrete	5%	Now	\$6,400	LIFE	**				
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Smoke Stack / Stair Well</i>									
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									

Ceramic Tile	5%	0-2	\$2,800	2033	**	5		\$500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									

Concrete Masonry Unit	85%			LIFE	**	5		\$6,900	
Glass: Single Pane	5%			LIFE	**	5		\$800	

## Ceilings

AcousTile,Adhered	25%	0-2	\$5,100	2029	**	5		\$2,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									

AcousTileSusp.Lay-In	35%	0-2	\$6,300	2029	**	5		\$3,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									

Exposed Concrete	40%			LIFE	**	5		\$1,400	
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%	2-4	\$4,800	2054	**	5			
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : First Floor</i>									
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : First Floor</i>									
<i>Explanation : 800 Amperes</i>									

Switchgear / Switchboard									
Molded Case Bkrs	100%			2050	**	5		\$400	

Raceway									
Conduit	100%			2024		\$22,100	1		

Panelboards									
Molded Case Bkrs	100%			2023		\$29,800	5		\$400

Wiring									
Thermoplastic	100%			2024		\$24,200	1		

Motor Controllers									
Locally Mounted	100%			2022		\$45,200	5		\$100

## 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**  
**ST JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Ground

Grounding Devices  
Generic

100% LIFE \* \* 5 \$200  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : 1st Floor*  
*Explanation : Water Main*

## Lighting

Interior Lighting  
Fluorescent

95% 2019 \$32,000 10 \$13,300  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout*  
*Explanation : T-12 Lamps*

## Incandescent

5% 2019 \$8,500 2

## Egress Lighting

## Emergency, Service

40% 2029 \* \* 1

## Emergency, Battery

10% 2029 \* \* 10 \$400

## Exit, Service

50% 2024 \$2,100 1

## Exterior Lighting

## HID

100% 2024 \$56,600 10

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

## Energy Source

## Natural Gas

100% 2034 \* \* 1

## Conversion Equipment

## Hot Water Boiler

100% 0-2 \$5,500 2029 \* \* 1 \$6,800  
*Leak Evident, Extent : Moderate, Area Affected : 100%*  
*Location : Boiler Room, Leaky Boiler Casing*  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Basement Boiler Room*  
*Explanation : 1 Natural Gas Fired Hot Water Boiler*

## Distribution

## Hot Wtr Piping/Pump

100% Now \$400 2032 \* \* 4 \$800  
*Malfunctioning, Extent : Moderate, Area Affected : 100%*  
*Location : Basement, Blown Bearings And Pump Seals*

## Terminal Devices

## Air Handler

100% 2024 \$200,800 1 \$9,500

## Air Conditioning

## Energy Source

## Electricity

100% 2032 \* \* 1

## Terminal Devices

## Air Handler/Cool/Ht

100% Now \$12,100 2024 \$120,700 1 \$8,500  
*Leak Evident, Extent : Severe, Area Affected : 100%*  
*Location : Basement, Deteriorated Package Unit Condenser*

*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 JAMES PARK ST. JAMES GOLDEN AGE CENTER**  
**Asset # : 230**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Heat Rejection								
	Water Cooling Tower	100%	Now	\$16,300	2022	\$54,200	2	\$12,300	
		Corroded, Extent : Severe, Area Affected : 100%							
		Location : Basement, Deteriorated Cooling Tower							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,500	
	Exhaust Fans								
	Interior	20%			2024	\$10,200	2	\$100	
	Roof	80%			2024	\$19,000	2	\$400	
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2029	**	1		
	HW Heat Exchanger								
	HTHW/HW	100%			2034	**			
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sewage Ejector(s)								
	Electric	100%			2024	\$4,000	4	\$900	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	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.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 41,886 **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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$86,200	\$138,500
Interior Architecture		\$189,400
Electrical	\$38,700	\$173,200
Mechanical	\$67,400	\$702,200
<b>Total</b>	<b>\$192,300</b>	<b>\$1,203,400</b>
Importance Code A	\$86,200	\$138,500
Importance Code B	\$106,100	\$1,064,900
<b>Total</b>	<b>\$192,300</b>	<b>\$1,203,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$40,100	\$1,700	\$29,900	\$600
Interior Architecture	\$20,600	\$8,200	\$7,200	
Electrical	\$1,500	\$1,700	\$6,900	\$2,000
Mechanical	\$20,400	\$9,300	\$33,300	\$10,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$90,500</b>	<b>\$28,700</b>	<b>\$85,100</b>	<b>\$20,600</b>
Importance Code A	\$44,300	\$5,900	\$34,200	\$4,800
Importance Code B	\$43,900	\$20,100	\$50,900	\$15,800
Importance Code C	\$2,300	\$2,800		
<b>Total</b>	<b>\$90,500</b>	<b>\$28,700</b>	<b>\$85,100</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**  
**ST JOHNS RECREATION CENTER**  
**Asset # : 958**

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 Cavity	95%	Now	\$86,200	LIFE	* *	5	\$23,000	
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Gymnasium Wall							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Gymnasium Wall							
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%							
	Location :							
Pre-Cast Concrete	3%			LIFE	* *	5	\$2,400	
Slate Panels	2%			LIFE	* *	5	\$400	
Windows								
Aluminum	25%			2042	* *	5	\$1,200	
Aluminum	70%			2025	\$138,500	5	\$3,300	
Steel	5%	Now	\$12,300	2051	* *	5	\$1,500	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
	Location : Stairs							
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : Stairs							
	Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
	Location : Stairs							
Parapets								
Masonry: Brick Cavity	75%	Now	\$24,000	LIFE	* *	5	\$2,600	
	Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Upper Parapet							
Metal Panel	5%			2046	* *	5	\$700	
Metal Rail	20%	Now	\$3,700	2031	* *	5	\$4,900	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Roof								
Built-Up (BUR)	95%			2031	* *	10	\$29,600	
Metal Panel	5%			2024	\$17,500	10	\$2,900	
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$7,000	
Ceramic Tile	8%			2035	* *	5	\$5,100	
Mosaic Tile	2%			2039	* *	5	\$3,200	
Quarry Tile	10%			2039	* *	5	\$9,600	
Sheet Vinyl/Rubber	15%			2031	* *	5	\$14,300	
Terrazzo	5%			LIFE	* *	5	\$2,500	
Vinyl Tile	35%			2026	\$189,400	3	\$8,400	
Wood	20%			2054	* *	5	\$23,900	

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.

**DEPT. OF PARKS & RECREATION - 846**  
**ST JOHNS RECREATION CENTER**  
**Asset # : 958**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Interior**

**Interior Walls**

Ceramic Tile	10%			2035	**	5	\$5,600	
Plaster	35%			LIFE	**	5	\$5,900	
Plaster	5%	Now	\$2,300	LIFE	**	5	\$800	

*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	**			
<b>Ceilings</b>								
Exposed Concrete	15%			LIFE	**	5	\$1,400	
Exposed Struc: Steel	25%			LIFE	**			
Metal Panel	25%			LIFE	**	5	\$19,300	
Plaster	35%			LIFE	**	5	\$13,500	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2046	**	5	\$200	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : Main Service Switch Rated @ 1600 Amperes*

<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2046	**	5	\$200	
<b>Raceway</b>								
Conduit	100%			2046	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2042	**	5	\$1,100	
<b>Wiring</b>								
Thermoplastic	100%			2046	**	1		
<b>Motor Controllers</b>								
Locally Mounted	50%			2039	**	5	\$100	
Locally Mounted	50%			2031	**	5	\$100	

**Ground**

**Grounding Devices**

Not Accessible	100%							
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**Lighting**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
	Interior Lighting								
	Fluorescent	99%			2031	* *	10	\$38,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	HID	1%			2031	* *	10		
Egress Lighting									
	Emergency, Battery	50%			2031	* *	10	\$5,100	
	Exit, Service	50%			2031	* *	1		
Exterior Lighting									
	HID	30%			2031	* *	10		
	No Component	70%							
Alarm									
	Security System								
	No Component	70%							
	Generic	30%			2031	* *	1	\$4,700	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Inside And Outside							
		Explanation : CCTV Surveillance Camera System							
Fire/Smoke Detection									
	No Component	60%							
	Generic, Digital	40%			2026	\$173,200	1-3	\$10,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways, Basement							
		Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Interruptible Gas/Dual Fuel	100%			2036	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2031	* *	1	\$42,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 2 Units							

*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**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Distribution								
	Central Plant Steam Piping/Pmp	100%	Now	\$67,400	2036	* *	4	\$2,100	
		Corroded, Extent : Severe, Area Affected : 20%							
		Location : Pipes In Basement							
		Insul. Deteriorating, Extent : Severe, Area Affected : 20%							
		Location : Various Locations In Basement							
		Steam Traps Faulty, Extent : Severe, Area Affected : 20%							
		Location : Various Locations							
	Terminal Devices								
	Air Handler	50%			2026	\$280,100	1	\$13,200	
	Convactor/Radiator	50%			2024	\$106,600	1	\$6,900	
Air Conditioning									
	Energy Source								
	Electricity	100%			2034	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	50%			2026	\$249,400	2	\$1,300	
		R-22 Refrigerant, Extent : Light, Area Affected : 50%							
		Location : Roof							
	Window/Wall Unit	20%			2021	\$16,600	1		
	No Component	30%							
	Heat Rejection								
	Air Cooled Condenser Unit	30%			2026	\$16,900	2	\$8,900	
	No Component	70%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$23,800	
	Exhaust Fans								
	Roof	100%			2026	\$66,100	2	\$1,300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	70%			2036	* *	1		
	Galvanized Steel	30%			2031	* *	1		
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Filter Room							
		Explanation : Pvc Pipes							
	HW Heat Exchanger								
	Steam Fired	100%	Now	\$6,300	2036	* *	4	\$4,200	
		Not in Service, Extent : Severe, Area Affected : 20%							
		Location : 1 Out Of 2 Unit, Filter Room							
	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**  
**ST JOHNS RECREATION CENTER**  
**Asset # : 958**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Non-Submersible	100%	Now	\$1,800	2026	\$6,000	4	\$900	
Other Observation, Extent : Severe, Area Affected : 50%									
Location : Basement									
Explanation : 1 Out Of 2 Pump Is Removed									
	Pool Filter/Treatment								
	Sand	100%			2031	* *	4	\$15,800	
	Sewage Ejector(s)								
	Electric	100%			2026	\$11,300	4	\$1,700	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%									
Location : (1) 1-3 (1) B-1 (Out Of Service)									
Explanation : 2 Units									
Fire Suppression									
	Standpipe								
	Generic	100%			2036	* *	1-5	\$21,500	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,410,600	\$215,700
Interior Architecture	\$50,200	\$251,600
Electrical	\$50,400	\$803,500
Mechanical	\$372,500	\$485,900
<b>Total</b>	<b>\$1,883,700</b>	<b>\$1,756,700</b>
Importance Code A	\$1,581,800	\$215,700
Importance Code B	\$301,800	\$1,541,000
<b>Total</b>	<b>\$1,883,700</b>	<b>\$1,756,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$26,900		\$4,400	
Interior Architecture	\$77,700	\$7,900	\$37,200	
Electrical	\$10,600	\$2,600	\$1,800	\$1,600
Mechanical	\$27,700	\$13,400	\$22,500	\$9,200
<b>Total</b>	<b>\$142,800</b>	<b>\$23,900</b>	<b>\$66,000</b>	<b>\$10,700</b>
Importance Code A	\$29,700	\$5,600	\$10,100	\$5,600
Importance Code B	\$89,600	\$18,300	\$55,800	\$5,100
Importance Code C	\$23,600			
<b>Total</b>	<b>\$142,800</b>	<b>\$23,900</b>	<b>\$66,000</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**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Glass Block	5%			LIFE	**	5	\$3,600	
	Masonry: Brick Cavity	90%	Now	\$391,700	LIFE	**	5	\$104,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Chimney And Throughout									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Foundation At East Side									
	Masonry: Granite	5%			LIFE	**	5	\$4,400	
Windows									
	Steel	100%	Now	\$926,600	2051	**	5	\$111,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Caulking Deteriorated, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Parapets									
	Masonry: Brick Cavity	90%			LIFE	**	5	\$20,400	
	Metal Panel	10%			2046	**	5	\$8,800	
Roof									
	Modified Bitumen	80%			2031	**	10	\$92,400	
	Modified Bitumen	20%	Now	\$26,900	2031	**			
Deteriorated Finish, Extent : Moderate, Area Affected : 20%									
Location : Roof Over Gymnasium									
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%									
Location : Over Gymnasium At Southeast Corner									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Gymnasium At Southeast Corner									

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**

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	18%	Now	\$15,800	LIFE	**	5	\$33,300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Pool Treatment Room								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Filter Room								
	Ceramic Tile	10%			2035	**	5	\$8,500	
	Mosaic Tile	10%			2031	**	5	\$21,200	
	Sheet Vinyl/Rubber	2%	Now	\$50,200	2036	**	5	\$1,300	
	Seams Open/Split, Extent : Moderate, Area Affected : 50%								
	Location : Play Room								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Play Room								
	Terrazzo	10%			LIFE	**	5	\$6,600	
	Vinyl Tile	35%			2026	\$251,600	3	\$11,100	
	Wood	15%			2054	**	5	\$23,800	
Interior Walls									
	Cast in Place Concrete	5%	Now	\$23,600	LIFE	**			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Pool Wall								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Pool Wall								
	Concrete Masonry Unit	10%			LIFE	**	5	\$3,000	
	Gypsum Board	25%			LIFE	**	5	\$11,200	
	Plaster	20%			LIFE	**	5	\$4,500	
	SGFT/Glazed Masonry	40%			LIFE	**			
Ceilings									
	AcousTile,Adhered	15%			2031	**	5	\$12,300	
	AcousTileConcealSpLn	20%			2031	**	5	\$20,500	
	AcousTileSusp.Lay-In	25%			2031	**	5	\$20,500	
	Exposed Concrete	10%	Now	\$26,300	LIFE	**	5	\$1,300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Filter Room								
	Other Observation, Extent : Moderate, Area Affected : 25%								
	Location : Filter Room								
	Explanation : Temporary Support With Lally Columns								
	Exposed Struc: Steel	5%			LIFE	**			
	Plaster	25%			LIFE	**	5	\$12,800	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

*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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$20,800	5	\$200	
		Enclosure Corroded, Extent : Moderate, Area Affected : 50%							
		Location : Electrical Room							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 1200 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2026	\$146,400	5	\$200	
		Enclosure Corroded, Extent : Moderate, Area Affected : 50%							
		Location : Electrical Room							
	Raceway								
	Conduit	100%			2026	\$123,600	1		
	Panelboards								
	Fused Disc Sw	5%			2025	\$5,200	5	\$100	
	Molded Case Bkrs	95%			2025	\$99,200	5	\$1,400	
	Wiring								
	Thermoplastic	100%			2026	\$173,600	1		
	Motor Controllers								
	Locally Mounted	80%			2024	\$36,200	5	\$300	
	Locally Mounted	20%			2031	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	2-4	\$9,500	LIFE	**	5	\$800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2034	**	10	\$51,900	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Egress Lighting								
	Emergency, Service	50%			2034	**	1		
	Exit, Service	50%			2034	**	1		
	Exterior Lighting								
	HID	100%			2034	**	10	\$200	
Alarm									
	Security System								
	No Component	70%							
	Generic	30%	Now	\$50,400	2036	**	1	\$5,600	
		Not in Service, Extent : Moderate, Area Affected : 100%							
		Location : Swimming Pool							

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**DEPT. OF PARKS & RECREATION - 846**  
**ST. MARY'S PARK RECREATION CTR.**  
**Asset # : 1115**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Alarm**

Fire/Smoke Detection

No Component

70%

Generic, Digital

30%

2026

\$172,600

1-3

\$10,300

*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*

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Heating**

Energy Source

Interruptible Gas/Dual  
Fuel

100%

2046

\* \*

1

Conversion Equipment

Steam Boiler

50%

2039

\* \*

1

\$28,000

*Other Observation, Extent : Light, Area Affected : 50%**Location : Basement Boiler Room**Explanation : 1 Steam Boiler*

Steam Boiler

50%

Now

\$171,200

2046

\* \*

1

\$25,200

*Abandoned in Place, Extent : Severe, Area Affected : 50%**Location : 1 Unit, Boiler Room*

Distribution

Central Plant Steam  
Piping/Pmp

100%

2036

\* \*

4

\$4,200

Terminal Devices

Air Handler

40%

2026

\$297,600

1

\$14,000

Convactor/Radiator

60%

2031

\* \*

1

\$11,000

**Air Conditioning**

Energy Source

Electricity

100%

2034

\* \*

1

Conversion Equipment

Window/Wall Unit

40%

2019

\$44,100

1

No Component

60%

**Ventilation**

Distribution

Ductwork/Diffusers

100%

LIFE

\* \*

2-5

\$31,600

Exhaust Fans

Interior

100%

Now

\$18,800

2026

\$188,300

2

\$1,400

*Broken, Extent : Severe, Area Affected : 20%**Location : Motor(s)***Plumbing**

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*\*\* 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Brass/Copper	20%			2036	**	1		
	Galvanized Steel	80%	Now	\$37,100	2031	**	1		
	Corroded, Extent : Severe, Area Affected : 25%								
	Location : Basement								
	Water Heater								
	Gas Fired	100%			2025	\$32,300	2	\$800	
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	HW Heat Exchanger								
	Steam Fired	100%			2036	**	4	\$8,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Solar Hot Water System								
	Explanation : Solar Hot Water System								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$1,800	4	\$1,800	
	Pool Filter/Treatment								
	Sand	100%	Now	\$120,000	2031	**	4	\$14,000	
	Corroded, Extent : Severe, Area Affected : 15%								
	Location : Pool Filter Supports, Booster Pumps In Basement								
	Leak Evident, Extent : Moderate, Area Affected : 2%								
	Location : Water Lines, Pump Room								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Standpipe								
	Generic	100%			2036	**	1-5	\$28,500	

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,279,500	\$190,000
Interior Architecture	\$66,600	\$107,800
Electrical		\$221,800
Mechanical		\$251,100
<b>Total</b>	<b>\$2,346,100</b>	<b>\$770,800</b>
Importance Code A	\$2,279,500	\$190,000
Importance Code B	\$66,600	\$580,700
<b>Total</b>	<b>\$2,346,100</b>	<b>\$770,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$54,000			
Interior Architecture	\$63,600	\$4,700	\$1,500	
Electrical	\$1,300	\$1,400	\$1,800	\$17,900
Mechanical	\$43,600	\$3,900	\$6,100	\$3,100
<b>Total</b>	<b>\$162,500</b>	<b>\$10,100</b>	<b>\$9,400</b>	<b>\$20,900</b>
Importance Code A	\$55,900	\$1,900	\$1,900	\$2,200
Importance Code B	\$53,100	\$8,200	\$7,500	\$18,800
Importance Code C	\$53,400			
<b>Total</b>	<b>\$162,500</b>	<b>\$10,100</b>	<b>\$9,400</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**  
**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		
Exterior										
Exterior Walls										
	Cast in Place Concrete	5%			LIFE	**	5	\$31,600		
	Masonry: Brick	82%	Now	\$1,024,900	LIFE	**	5	\$103,800		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
	Location : Throughout									
	Spalling, Extent : Moderate, Area Affected : 25%									
	Location : East Facade, West Facade									
	Vertical Cracks, Extent : Severe, Area Affected : 10%									
	Location : Free Standing Wall At Womens Lockers Exit									
	Water Penetration, Extent : Moderate, Area Affected : 10%									
	Location : Rotunda Walls									
	Worn/Eroded, Extent : Moderate, Area Affected : 25%									
	Location : East Facade									
	Metal Coiling Doors	5%	Now	\$39,200	2032	**	5	\$9,900		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
	Location : North Facade									
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%									
	Location : North Facade									
	Pre-Cast Concrete	5%	Now	\$22,800	LIFE	**	5	\$20,600		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
	Location : Window Lintels									
	Slate Panels	3%	0-2	\$86,700	LIFE	**	5	\$2,800		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 35%									
	Location : Window Sills									
	Cracking/Crumbling, Extent : Moderate, Area Affected : 40%									
	Location : Window Sills									
Windows										
	Steel	100%	Now	\$786,200	2052	**	5	\$86,200		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
	Location : Throughout									
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
	Location : Throughout									
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
	Location : Throughout									
	Water Penetration, Extent : Severe, Area Affected : 20%									
	Location : Locker Rooms									
Parapets										
	Masonry: Brick	100%	Now	\$342,600	LIFE	**	5	\$27,200		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
	Location : Throughout									
	Water Penetration, Extent : Severe, Area Affected : 20%									
	Location : Men And Women Locker Rooms									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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	\$31,200	2032	**			
	Drains Clogged, Extent : Severe, Area Affected : 20%								
	Location : Perimeter Drains And At Rotunda								
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 30%								
	Location : Perimeter Drains And At Rotunda								
	Water Penetration, Extent : Severe, Area Affected : 15%								
	Location : 2nd Floor Corridor Outside Of Offices								
	Other Observation, Extent : Moderate, Area Affected : 25%								
	Location : Perimeter Drains And At Rotunda								
	Explanation : Worn, Deteriorated Surface								
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	\$107,800	3	\$4,400	
Interior Walls									
	Cast in Place Concrete	10%	0-2	\$23,600	LIFE	**			
	Spalling, Extent : Moderate, Area Affected : 15%								
	Location : Stair To Basement								
	Masonry: Brick	10%			LIFE	**			
	Efflorescence, Extent : Moderate, Area Affected : 10%								
	Location : At Main Entry								
	Plaster	50%	Now	\$29,900	LIFE	**	5	\$10,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Second Floor Fan Room, Men And Women Locker Rooms								
	Paint Peeling, Extent : Moderate, Area Affected : 25%								
	Location : Second Floor Fan Room, Men And Women Locker Rooms								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : Men And Women Locker Rooms								
	SGFT/Glazed Masonry	30%			LIFE	**			
Ceilings									
	Exposed Concrete	20%	4+	\$10,200	LIFE	**	5	\$900	
	Paint Peeling, Extent : Moderate, Area Affected : 20%								
	Location : Basement								
	Plaster	80%	Now	\$66,600	LIFE	**	5	\$14,500	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Second Floor Fan Room, Men And Women Locker Rooms								
	Paint Peeling, Extent : Moderate, Area Affected : 25%								
	Location : Second Floor Fan Room, Men And Women Locker Rooms								
	Water Penetration, Extent : Severe, Area Affected : 25%								
	Location : Men And Women Locker Rooms								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2027	\$1,600	5	\$500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : No Available Nameplate Ratings									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2027	\$26,700	5	\$500	
Raceway									
	Conduit	60%			2037	* *	1		
	Conduit	40%			2027	\$1,600	1		
Panelboards									
	Fused Disc Sw	10%			2026	\$800	5		
	Molded Case Bkrs	40%			2035	* *	5	\$200	
	Molded Case Bkrs	50%			2026	\$4,100	5	\$300	
Wiring									
	Thermoplastic	60%			2037	* *	1		
	Thermoplastic	40%			2027	\$3,600	1		
Motor Controllers									
	Locally Mounted	50%			2025	\$7,800	5	\$100	
	Locally Mounted	50%			2032	* *	5	\$100	
Ground									
Grounding Devices									
	Not Accessible	100%							
Lighting									
Interior Lighting									
	Fluorescent	5%			2027	\$2,300	10	\$900	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Gymnasium									
	Fluorescent	90%			2035	* *	10	\$16,000	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
	HID	5%			2035	* *	10		
Egress Lighting									
	Emergency, Battery	50%			2035	* *	10	\$2,300	
	Exit, Service	50%			2035	* *	1		
Exterior Lighting									
	HID	20%			2022	\$16,000	10		
	No Component	80%							
Alarm									
Security System									
	No Component	70%							
	Generic	30%			2032	* *	1	\$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Inside And Outside									
Explanation : CCTV Surveillance Camera									

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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Alarm

Fire/Smoke Detection  
Generic, Digital

100%

2027

\$219,400

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*

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

Energy Source  
Interruptible Gas/Dual  
Fuel

100%

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

\$1,000

## Terminal Devices

Air Handler  
Fan Coil Unit/Heat

90%

0-2

\$14,900

2027

\$251,100

1

\$10,800

5%

0-2

\$14,900

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

\$14,900

1

\$300

## Air Conditioning

Energy Source  
Electricity

100%

2043

\* \*

1

Conversion Equipment  
Window/Wall Unit  
No Component

25%

2025

\$10,300

1

75%

## Ventilation

Distribution  
Ductwork/Diffusers

10%

Now

\$18,300

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

\$32,900

2

\$600

## Plumbing

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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK BATHHOUSE**  
**Asset # : 1191**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	HW Heat Exchanger								
	Steam Fired	100%			2037	* *	4	\$1,900	
	Sanitary Piping								
	Cast Iron	5%	Now	\$7,300	LIFE	* *	1		
		Cracked, Extent : Moderate, Area Affected : 10% Location : East Meter Room In Basement							
	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%							

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$1,900			
Interior Architecture				\$300
Electrical				
Mechanical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$2,000</b>	<b>\$100</b>	<b>\$100</b>	<b>\$400</b>
Importance Code A	\$1,900			
Importance Code B			\$100	\$400
Importance Code C				
<b>Total</b>	<b>\$2,000</b>	<b>\$100</b>	<b>\$100</b>	<b>\$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**  
**SUNSET PARK COMFORT STATION**  
**Asset # : 600**

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	100%			LIFE	**	5	\$3,100	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Windows									
	Steel	100%			2049	**	5	\$3,800	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Roof									
	Slate	100%			LIFE	**			
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Interior									
	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	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	SGFT/Glazed Masonry	30%			LIFE	**			
Ceilings									
	Gypsum Board	100%			LIFE	**	5	\$1,600	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2053	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Service Switch Rated @ 400 Amperes									
	Transformers								
	Dry Type	100%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : 480/277 Volts, 75kva									
	Raceway								
	Conduit	100%			2053	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2049	* *	5		

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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK COMFORT STATION**  
**Asset # : 600**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	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	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Exterior Lighting								
	HID	20%			2035	* *	10		
	No Component	80%							
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2047	* *	1		
	Conversion Equipment								
	Furnace	100%			2035	* *	1	\$400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Ceiling Mounted								
	Explanation : One Gas Fires Furnace								
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	\$700	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2035	* *	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15,600 **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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$310,200	\$47,100
Interior Architecture	\$246,200	\$72,200
Electrical	\$12,200	\$177,600
Mechanical	\$381,100	\$72,100
<b>Total</b>	<b>\$949,700</b>	<b>\$369,000</b>
Importance Code A	\$310,200	\$47,100
Importance Code B	\$442,500	\$321,900
Importance Code C	\$197,000	
<b>Total</b>	<b>\$949,700</b>	<b>\$369,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$84,100	\$100		
Interior Architecture				
Electrical			\$200	\$5,200
Mechanical	\$9,700	\$3,600	\$2,700	\$800
<b>Total</b>	<b>\$93,800</b>	<b>\$3,700</b>	<b>\$2,900</b>	<b>\$6,100</b>
Importance Code A	\$84,100	\$100		\$200
Importance Code B	\$9,700	\$3,600	\$2,900	\$5,900
<b>Total</b>	<b>\$93,800</b>	<b>\$3,700</b>	<b>\$2,900</b>	<b>\$6,100</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**  
**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	
Exterior									
	Exterior Walls								
	Masonry: Brick	100%	Now	\$310,200	LIFE	**	5	\$47,100	
				Diagonal Cracks, Extent : Moderate, Area Affected : 5%					
				Location : West Facade, South Facade					
				Horizontal Cracks, Extent : Moderate, Area Affected : 20%					
				Location : West Facade					
				Spalling, Extent : Moderate, Area Affected : 15%					
				Location : West Facade					
				Vertical Cracks, Extent : Moderate, Area Affected : 5%					
				Location : At Corners					
Windows									
	Metal Louvers	5%			2030	**	10	\$100	
	Steel	95%	Now	\$15,600	2052	**	5	\$1,700	
				Broken/Missing Elements, Extent : Moderate, Area Affected : 25%					
				Location : East Facade					
				Corrosion/Rusting, Extent : Moderate, Area Affected : 50%					
				Location : East Facade					
				Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%					
				Location : East Facade					
				Thermally Inefficient, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
Parapets									
	Masonry: Brick	65%			LIFE	**	5	\$14,800	
	Metal: Cage/Fence	30%	Now	\$29,700	2032	**	5	\$22,100	
				Broken/Missing Elements, Extent : Moderate, Area Affected : 25%					
				Location : West Facade					
				Corrosion/Rusting, Extent : Moderate, Area Affected : 25%					
				Location : West Facade					
	Pre-Cast Concrete	5%	Now	\$13,400	LIFE	**	5	\$7,200	
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%					
				Location : Coping					
				Misaligned/Bulging, Extent : Severe, Area Affected : 15%					
				Location : Coping					
Roof									
	Built-Up (BUR)	20%	Now	\$6,400	2027			\$31,900	
				Debris Present, Extent : Severe, Area Affected : 25%					
				Location : South Wing					
				Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%					
				Location : South And North Wings					
	Cast in Place Concrete	80%	Now	\$19,100	LIFE	**			
				Cracking/Crumbling, Extent : Moderate, Area Affected : 25%					
				Location : At Bleachers					
				Vegetation Growth, Extent : Moderate, Area Affected : 10%					
				Location : At Bleachers					
				Water Penetration, Extent : Moderate, Area Affected : 25%					
				Location : At Bleachers					

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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	100%			LIFE	**	5	\$72,200	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Filter Room									
Interior Walls									
	Cast in Place Concrete	90%	Now	\$197,000	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Filter Room									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : Filter Room									
	Masonry: Brick	10%			LIFE	**			
Ceilings									
	Exposed Concrete	85%	Now	\$49,200	LIFE	**	5	\$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Filter Room									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Filter Room									
	Plaster	15%			LIFE	**	5	\$3,100	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2027	\$5,300	5	\$400	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : No Nameplate Ratings Available							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2027	\$53,300	5	\$400	
	Raceway								
	Conduit	50%			2037	* *	1		
	Conduit	50%			2027	\$2,900	1		
	Panelboards								
	Fused Disc Sw	15%			2026	\$1,200	5	\$100	
	Molded Case Bkrs	85%			2026	\$6,900	5	\$400	
	Wiring								
	Thermoplastic	80%			2027	\$5,800	1		
	Thermoplastic	20%			2037	* *	1		
	Motor Controllers								
	Locally Mounted	50%			2025	\$39,200	5	\$100	
	Locally Mounted	50%			2032	* *	5	\$100	

<b>Ground</b>									
<b>Grounding Devices</b>									
	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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**DEPT. OF PARKS & RECREATION - 846**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	5%			2022	\$12,200	10	\$1,000	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Fluorescent	35%			2027	\$85,100	10	\$7,100	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Filter Room							
	HID	60%			2027		10	\$400	
Egress Lighting									
	Emergency, Battery	10%			2022	\$3,200	10	\$500	
	No Component	90%							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Plant Campus Steam / PRV	100%			2027	\$2,300	1		
	Distribution								
	Central Plant Steam Piping/Pmp	100%	2-4	\$381,100	2057	* *	4	\$1,100	
		Corroded, Extent : Severe, Area Affected : 100%							
		Location : Basement Pool Pump Room, Deteriorating Steam And Condensate Return Piping							
	Terminal Devices								
	Convactor/Radiator	100%			2032	* *	1	\$7,100	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,300	
	Exhaust Fans								
	Interior	10%	0-2	\$8,000	2037	* *	2	\$100	
		Malfunctioning, Extent : Moderate, Area Affected : 50%							
		Location : Upper Level Of Filter House, 1 Of 2 Exhaust Fan Needs Repair Or Replacement							
	Interior	90%			2027	\$72,100	2	\$600	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$500	4	\$500	
	Pool Filter/Treatment								
	Sand	100%			2032	* *	4	\$8,200	

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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**  
**SUNSET PARK FILTER HOUSE**  
**Asset # : 1180**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Backflow Preventer								
	Generic	100%			2035	* *	1	\$1,400	

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$240,900	\$118,900
Interior Architecture	\$129,900	\$136,800
Electrical	\$78,800	
<b>Total</b>	<b>\$449,600</b>	<b>\$255,700</b>
Importance Code A	\$240,900	\$118,900
Importance Code B	\$208,700	\$136,800
<b>Total</b>	<b>\$449,600</b>	<b>\$255,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Electrical				\$100
<b>Total</b>				<b>\$100</b>
Importance Code B				\$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**  
**SUNSET PARK OLYMPIC POOL**  
**Asset # : 599**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Exterior

## Exterior Walls

Cast in Place Concrete	80%	Now	\$214,200	LIFE	**	5	\$95,100
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%*  
*Location : Throughout*

Cast in Place Concrete	20%	0-2	\$26,800	LIFE	**	5	\$23,800
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*Misaligned/Bulging, Extent : Moderate, Area Affected : 20%*  
*Location : Pool Deck At Drains*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$129,900	LIFE	**	5	\$136,800
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%*  
*Location : Throughout*

*Paint Peeling, Extent : Moderate, Area Affected : 20%*  
*Location : Throughout*

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Lighting

## Exterior Lighting

HID	50%			2022	\$78,800	10	\$100
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No Component	50%						
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Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*  
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*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$208,800	\$86,500
Interior Architecture	\$39,400	\$81,300
<b>Total</b>	<b>\$248,200</b>	<b>\$167,800</b>
Importance Code A	\$208,800	\$86,500
Importance Code B	\$39,400	\$81,300
<b>Total</b>	<b>\$248,200</b>	<b>\$167,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$19,000		\$1,100	
Interior Architecture	\$63,600	\$1,100	\$4,900	
Electrical	\$10,900	\$500	\$1,100	\$500
Mechanical	\$1,600	\$1,200	\$4,700	\$800
<b>Total</b>	<b>\$95,100</b>	<b>\$2,800</b>	<b>\$11,800</b>	<b>\$1,400</b>
Importance Code A	\$19,600	\$500	\$1,700	\$500
Importance Code B	\$60,000	\$2,200	\$10,200	\$800
Importance Code C	\$15,600			
<b>Total</b>	<b>\$95,100</b>	<b>\$2,800</b>	<b>\$11,800</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**  
**THOMAS JEFFERSON PARK POOL BUILDING**  
**Asset # : 885**

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	90%	Now	\$156,300	LIFE	* *	5	\$47,500	
		Diagonal Cracks, Extent : Light, Area Affected : 20%							
		Location : East Facade, Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
		Location : At Overhead Lintels / Pool Entrances From Locker Rooms							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : North And South Facades, Pool Courtyard							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Vertical Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Chimney, Corners, Throughout							
	Pre-Cast Concrete	10%	Now	\$19,000	LIFE	* *	5	\$17,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Around Windows							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
Windows									
	Aluminum	95%	Now	\$52,500	2034	* *	5	\$2,900	
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Interior Pool Courtyard							
		Hardware Missing, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Unit Inoperable, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
	Glass Block	5%			LIFE	* *	5	\$200	
Parapets									
	Masonry: Brick	90%			LIFE	* *	5	\$10,300	
		Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Parapet And Coping							
	Metal Panel	5%			2056	* *	5	\$2,200	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Coping							
	Pre-Cast Concrete	5%			LIFE	* *	5	\$3,600	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Coping Stone							
Roof									
	Modified Bitumen	95%			2036	* *	10	\$39,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Roof Replaced Throughout							
	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.

\*\* 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		
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	\$1,200	LIFE	* *	5	\$4,800	
		Water Penetration, Extent : Light, Area Affected : 15%							
		Location : Boiler Room							
	Ceramic Tile	15%	Now	\$3,500	2029	* *	5	\$1,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Quarry Tile	25%			2031	* *	5	\$8,200	
	Sheet Vinyl/Rubber	5%			2031	* *	5	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Weight Room							
		Explanation : Rubber Impact Resistant Tiles							
	Vinyl Tile	40%			2026	\$81,300	3	\$3,300	
	Wood	5%	Now	\$39,400	2066	* *	5	\$1,000	
		Deflection Evident, Extent : Moderate, Area Affected : 100%							
		Location : Multi-purpose Room							
Interior Walls									
	Cast in Place Concrete	5%	Now	\$6,300	LIFE	* *			
		Loose/Delam Surface, Extent : Light, Area Affected : 15%							
		Location : Filter Room							
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Filter Room							
	Ceramic Tile	5%			2029	* *	5	\$900	
	Masonry: Brick	5%	Now	\$800	LIFE	* *			
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout Lobby							
	Plaster	50%	Now	\$8,000	LIFE	* *	5	\$2,700	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Above Windows, Lobby							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Above Windows, Lobby, Corridors							
	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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**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**  
**Asset # : 885**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$3,900	2031	* *	5	\$1,100	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Throughout Classrooms							
	Water Penetration, Extent : Light, Area Affected : 5%							
	Location : Lobby And Throughout							
Exposed Concrete	70%	Now	\$26,900	LIFE	* *	5	\$2,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : Filter Room							
	Paint Peeling, Extent : Moderate, Area Affected : 25%							
	Location : Filter Room							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Throughout							
Plaster	20%	Now	\$12,500	LIFE	* *	5	\$2,700	
	Cracking/Crumbling, Extent : Severe, Area Affected : 15%							
	Location : Multipurpose Room							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
	Location : Women Locker Room							
	Water Penetration, Extent : Severe, Area Affected : 15%							
	Location : Multipurpose Room, Men And Women Lockers And Lobby							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
Fused Disc Sw		100%			2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One 2000 Amperes Main Disconnect Switch									
Switchgear / Switchboard									
Fused Disc Sw		80%			2026	\$21,300	5		
Molded Case Bkrs		20%			2036	* *	5		
Raceway									
Conduit		10%			2036	* *	1		
Conduit		90%			2026	\$3,700	1		
Panelboards									
Fused Disc Sw		5%			2025	\$400	5		
Molded Case Bkrs		95%			2025	\$7,700	5	\$100	
Wiring									
Thermoplastic		90%			2036	* *	1		
Thermoplastic		10%			2036	* *	1		
Motor Controllers									
Locally Mounted		50%			2024	\$3,900	5		
Locally Mounted		50%			2031	* *	5		

## 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.  
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**DEPT. OF PARKS & RECREATION - 846**  
**THOMAS JEFFERSON PARK POOL BUILDING**  
**Asset # : 885**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Ground

Grounding Devices  
Generic

100% 2-4 \$10,400 LIFE \* \* 5 \$100  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Water Main*  
*Explanation : Corroded*

## Lighting

Interior Lighting  
Fluorescent

100% 2036 \* \* 10 \$5,000  
*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 \$17,800 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 \$3,400

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

Energy Source  
Natural Gas

100% 2046 \* \* 1

## Conversion Equipment

## Steam Boiler

100% 2039 \* \* 1 \$5,400  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Basement*  
*Explanation : 2 Units*

## Distribution

Central Plant Steam  
Piping/Pmp

100% 2036 \* \* 4 \$400  
*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.*  
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*\*\* 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**

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%			2034	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	80%			2031	**	2	\$300	
		R-22 Refrigerant, Extent : Light, Area Affected : 80% Location : 4 Units, Roof							
	Window/Wall Unit	10%			2024	\$1,200	1		
	No Component	10%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$3,000	
	Exhaust Fans								
	Roof	100%			2031	**	2	\$200	
Plumbing									
	H/C Water Piping								
	Brass/Copper	20%			2036	**	1		
	Galvanized Steel	80%			2031	**	1		
		Booster Pump w/Tank, Extent : Light, Area Affected : 10% Location : Defective Water Pressure Booster Is Under Repair, Basement							
	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	\$800	4	\$100	
	Pool Filter/Treatment								
	Sand	100%			2031	**	4	\$2,000	
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 17,000 **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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture		\$48,300
Interior Architecture		\$55,700
Electrical	\$70,000	
<b>Total</b>	<b>\$70,000</b>	<b>\$104,000</b>
Importance Code A		\$48,300
Importance Code B	\$70,000	\$55,700
<b>Total</b>	<b>\$70,000</b>	<b>\$104,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$29,700			
Interior Architecture	\$28,900			
Electrical			\$100	
<b>Total</b>	<b>\$58,600</b>		<b>\$100</b>	
Importance Code A	\$29,700			
Importance Code B	\$28,900		\$100	
<b>Total</b>	<b>\$58,600</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**  
**THOMAS JEFFERSON PARK THOMAS JEFFERSON POOL, OLYMPIC**  
**Asset # : 846**

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	100%	Now	\$29,700	LIFE	* *	5	\$48,300
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%**Location : Throughout*

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$28,900	LIFE	* *	5	\$55,700
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 20%**Location : Throughout**Caulking Deteriorated, Extent : Moderate, Area Affected : 20%**Location : Throughout*

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Under 600 Volts

## Wiring

Thermoplastic	100%			2026	\$8,900	1	
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## Lighting

## Exterior Lighting

HID	100%			2021	\$70,000	10	\$100
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Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$12,200			
Interior Architecture	\$9,300			
Electrical			\$22,700	
<b>Total</b>	<b>\$21,500</b>		<b>\$22,700</b>	
Importance Code A	\$12,200			
Importance Code B	\$9,300		\$22,700	
<b>Total</b>	<b>\$21,500</b>		<b>\$22,700</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**  
**THOMAS JEFFERSON PARK WADING POOL**  
**Asset # : 827**

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	100%	Now	\$12,200	LIFE	**	5	\$9,900
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Cracking/Crumbling, Extent : Light, Area Affected : 20%

Location : Throughout

## Interior

## Floors

Cast in Place Concrete	100%	Now	\$9,300	LIFE	**	5	\$18,000
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Cracking/Crumbling, Extent : Light, Area Affected : 20%

Location : Throughout

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Under 600 Volts

## Wiring

Thermoplastic	100%			2026	\$8,900	1	
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## Lighting

## Exterior Lighting

HID	100%			2021	\$22,700	10	
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Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$163,900	\$44,700
<b>Total</b>	<b>\$163,900</b>	<b>\$44,700</b>
Importance Code A	\$163,900	\$44,700
<b>Total</b>	<b>\$163,900</b>	<b>\$44,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$44,800			
Interior Architecture	\$20,600	\$4,700		
Electrical	\$9,500	\$100	\$18,700	
Mechanical	\$4,500	\$300	\$3,900	\$400
<b>Total</b>	<b>\$79,500</b>	<b>\$5,100</b>	<b>\$22,500</b>	<b>\$500</b>
Importance Code A	\$45,600	\$200	\$200	\$200
Importance Code B	\$27,500	\$200	\$22,300	\$300
Importance Code C	\$6,400	\$4,700		
<b>Total</b>	<b>\$79,500</b>	<b>\$5,100</b>	<b>\$22,500</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**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**  
**Asset # : 894**

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	93%	Now	\$99,000	LIFE	* *	5	\$11,000	
		Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Girls / Boys Room							
		Efflorescence, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : East / West Facades Flanking Covered Collonade							
	Pre-Cast Concrete	7%	Now	\$5,400	LIFE	* *	5	\$2,700	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Spandrels							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Spandrels							
Windows									
	Aluminum	100%			2034	* *	5	\$600	
Parapets									
	Metal Panel	50%	Now	\$64,900	2046	* *	5	\$8,200	
		Seams Open/Split, Extent : Moderate, Area Affected : 20%							
		Location : Coping							
		Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
		Location : Coping							
	Pre-Cast Concrete	50%	Now	\$30,100	LIFE	* *	5	\$26,500	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : South Facade							
		Open Joints, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 25%							
		Location : Throughout, Cornice At South And West Facades							
Roof									
	Built-Up (BUR)	100%	Now	\$8,900	2026	\$44,700			1
		Drains Clogged, Extent : Severe, Area Affected : 100%							
		Location : All Drains Missing Covers							
		Water Penetration, Extent : Severe, Area Affected : 25%							
		Location : Offices, Both Wings							

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**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	10%			LIFE	* *	5	\$800	
	Ceramic Tile	35%	Now	\$2,400	2029	* *	5	\$600	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
	Location : Restrooms								
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Restrooms								
	Quarry Tile	50%	Now	\$5,100	2031	* *	5	\$1,300	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
	Location : Open Area								
	Vinyl Tile	5%	Now	\$1,500	2036	* *	3	\$100	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Office								
	Worn/Eroded, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Interior Walls									
	Cast in Place Concrete	10%	Now	\$4,200	LIFE	* *			
	Paint Peeling, Extent : Severe, Area Affected : 25%								
	Location : Walls At Basement Stairs								
	Ceramic Tile	70%			2035	* *	5	\$9,400	
	Plaster	20%	Now	\$2,200	LIFE	* *	5	\$800	
	Paint Peeling, Extent : Moderate, Area Affected : 20%								
	Location : Storage Area								
	Water Penetration, Extent : Severe, Area Affected : 20%								
	Location : Offices, Both Wings								
Ceilings									
	Exposed Concrete	50%	Now	\$2,900	LIFE	* *	5	\$300	
	Cracking/Crumbling, Extent : Light, Area Affected : 15%								
	Location : Open Area								
	Paint Peeling, Extent : Moderate, Area Affected : 25%								
	Location : Open Area								
	Plaster	50%	Now	\$2,300	LIFE	* *	5	\$1,100	
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Offices, Both Wings								

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$1,500	5		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation : Two 100 Amperes Main Disconnect Switch								

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**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**  
**Asset # : 894**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Raceway								
	Conduit	100%			2026	\$3,700	1		
	Panelboards								
	Molded Case Bkrs	100%			2025	\$7,500	5	\$100	
	Wiring								
	Thermoplastic	100%			2026	\$8,200	1		
	Motor Controllers								
	Locally Mounted	100%			2024	\$7,200	5		
Ground									
	Grounding Devices								
	Generic	100%	0-2	\$9,500	LIFE	* *	5	\$100	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : Corroded								
Lighting									
	Interior Lighting								
	Fluorescent	30%			2021	\$2,600	10	\$1,100	
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Basement								
	Explanation : Using T-12 Lamps								
	Fluorescent	70%			2026	\$6,100	10	\$2,500	
	Other Observation, Extent : Moderate, Area Affected : 70%								
	Location : Throughout								
	Explanation : Using T-8 Lamps								
	Egress Lighting								
	Emergency, Service	50%			2026	\$1,000	1		
	Exit, Service	50%			2026	\$500	1		
	Exterior Lighting								
	HID	100%			2021	\$15,000	10		

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2036	* *	5	\$1,200	
	Buried Tank(s), Extent : Light, Area Affected : 100%								
	Location : 1 - 2500 Gallon Tank Under Ground								

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**DEPT. OF PARKS & RECREATION - 846**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Conversion Equipment	Hot Water Boiler	98%			2031	* *	1	\$1,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 Boiler							
Hot Water Boiler	Hot Water Boiler	2%	Now	\$600	2046	* *	1		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Noisy Oil Pump							
Distribution									
	Hot Wtr Piping/Pump	100%			2034	* *	4	\$200	
Terminal Devices									
	Convactor/Radiator	100%			2031	* *	1	\$1,300	
Air Conditioning									
Energy Source	Electricity	100%			2042	* *	1		
	Conversion Equipment								
Window/Wall Unit	Window/Wall Unit	20%			2021	\$1,500	1		
	No Component	80%							
Ventilation									
Exhaust Fans	Wall Unit	100%			2021	\$1,300	2	\$100	
Plumbing									
H/C Water Piping	Brass/Copper	100%	Now	\$2,800	2036	* *	1		
		Pump(s) Malfunctioning, Extent : Severe, Area Affected : 65%							
		Location : Basement, 2 Of 3 Defective Pumps							
		Other Observation, Extent : Light, Area Affected : 100%							
Water Heater	Electric	100%			2025	\$3,300	4		
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : First Floor Staff Utility Rooms							
		Other Observation, Extent : Light, Area Affected : 100%							
Sanitary Piping	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping	Cast Iron	100%	Now	\$800	LIFE	* *	1		
		Blockage /Clogged, Extent : Severe, Area Affected : 75%							
		Location : Roof Drains							
		Leak Evident, Extent : Moderate, Area Affected : 50%							
		Location : Roof Drains							

*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**  
**TOMPKINS SQUARE PARK MEN / WOMEN COMFORT STATION**

**Asset # : 894**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sump Pump(s)								
	Non-Submersible	100%	Now		2026	\$600	4	\$100	
		Malfunctioning, Extent : Moderate, Area Affected : 100%							
		Location : Basement, Defective Sump Pump Controls							
	Backflow Preventer								
	Generic	100%			2026	\$900	1	\$200	
	Fixtures								
	Generic	100%							

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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$2,063,600	\$117,300
Interior Architecture	\$671,500	\$179,100
Electrical	\$554,300	\$324,400
Mechanical	\$1,677,000	\$601,000
<b>Total</b>	<b>\$4,966,500</b>	<b>\$1,221,700</b>
Importance Code A	\$2,063,600	\$117,300
Importance Code B	\$2,854,500	\$1,104,400
Importance Code C	\$48,300	
<b>Total</b>	<b>\$4,966,500</b>	<b>\$1,221,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$23,100		\$24,400	\$4,100
Interior Architecture	\$54,900		\$5,300	\$2,600
Electrical	\$53,800	\$3,800	\$15,400	\$4,300
Mechanical	\$50,700	\$7,100	\$26,400	\$8,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$186,400</b>	<b>\$14,900</b>	<b>\$75,500</b>	<b>\$23,300</b>
Importance Code A	\$27,700	\$4,700	\$29,200	\$8,800
Importance Code B	\$126,900	\$10,200	\$46,300	\$14,500
Importance Code C	\$31,900			
<b>Total</b>	<b>\$186,400</b>	<b>\$14,900</b>	<b>\$75,500</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**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	Now	\$152,900	LIFE	* *	5	\$27,200	
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>									
<i>Location : Perimeter Sidewalk Vaults And Outdoor Pool Deck</i>									
	Masonry: Brick	73%	Now	\$955,300	LIFE	* *	5	\$79,300	
<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	\$131,500	LIFE	* *	5	\$8,100	
<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	\$52,300	
	Window Wall	5%			2046	* *	5	\$20,400	
Windows									
	Aluminum	97%	2-4	\$673,400	2051	* *	5	\$8,000	
<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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Maintenance \$ are aggregated over a ten-year period. Site specific 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**

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									
	Parapets								
	Masonry: Brick	65%	Now	\$106,000	LIFE	* *	5	\$9,200	
		Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Northeast Corner							
		Spalling, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Lower Roof, North Stair							
	Masonry: Limestone	5%			LIFE	* *	5	\$900	
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Perimeter Walls							
		Explanation : Protective Fabric In Place							
	Metal Panel	15%			2052	* *	5	\$8,200	
	Pre-Cast Concrete	5%	Now	\$1,300	LIFE	* *	5	\$4,500	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Protective Fabric In Place							
	No Component	10%							
Roof									
	Cast in Place Concrete	30%	Now	\$44,400	LIFE	* *			
		Cracking/Crumbling, Extent : Severe, Area Affected : 15%							
		Location : Pool Area Over Filter Room							
		Water Penetration, Extent : Severe, Area Affected : 15%							
		Location : Over Filter Room							
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Outdoor Pool Area Over Filter Room							
		Explanation : Expansion Joint Failure							
	Modified Bitumen	40%			2034	* *	10	\$28,800	
	Plaza Roof: Stone Panels	5%			2046	* *			
	Traffic Topping	25%	2-4	\$21,800	2031	* *			
		Blisters, Extent : Moderate, Area Affected : 25%							
		Location : Throughout Terrace							
		Ponding, Extent : Moderate, Area Affected : 25%							
		Location : Throughout Terrace							

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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**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Mosaic Tile	15%	Now	\$63,000	2031	**	5	\$13,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : Pool Room								
	Marble Panels	5%			LIFE	**	5	\$2,600	
	Quarry Tile	10%			2031	**	5	\$10,600	
	Terrazzo	5%			LIFE	**	5	\$2,700	
	Vinyl Tile	30%	2-4	\$71,600	2026	\$179,100	3	\$7,900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Various Areas								
	Patching Evident, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Worn/Eroded, Extent : Severe, Area Affected : 35%								
	Location : Throughout								
	Wood	35%			2054	**	5	\$46,200	
Interior Walls									
	Concrete Masonry Unit	5%			LIFE	**	5	\$1,200	
	Glass Block	5%			LIFE	**			
	Masonry: Brick	20%	Now	\$48,300	LIFE	**			
	Paint Peeling, Extent : Moderate, Area Affected : 30%								
	Location : Basement								
	Spalling, Extent : Severe, Area Affected : 10%								
	Location : Basement								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Basement								
	Mosaic Tile	10%	Now	\$31,900	LIFE	**			
	Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
	Location : Indoor Pool								
	Vertical Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Indoor Pool								
	Plaster	35%			LIFE	**	5	\$6,500	
	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**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
	Ceilings								
	Exposed Concrete	10%	Now	\$87,500	LIFE	* *	5	\$1,100	
				Corrosion/Rusting, Extent : Severe, Area Affected : 25%					
				Location : Beams In Basement					
				Cracking/Crumbling, Extent : Severe, Area Affected : 25%					
				Location : Basement					
				Exposed Reinforcement, Extent : Severe, Area Affected : 20%					
				Location : Beams In Basement					
				Spalling, Extent : Moderate, Area Affected : 20%					
				Location : Basement					
	Masonry: Infill Arch	30%	Now	\$149,300	LIFE	* *			
				Water Penetration, Extent : Moderate, Area Affected : 20%					
				Location : Basement					
	Mosaic Tile	25%	Now	\$189,300	LIFE	* *	1		
				Broken/Missing Elements, Extent : Severe, Area Affected : 15%					
				Location : North Stair					
				Cracking/Crumbling, Extent : Severe, Area Affected : 10%					
				Location : North Stair					
				Horizontal Cracks, Extent : Moderate, Area Affected : 10%					
				Location : Indoor Pool					
	Plaster	35%	Now	\$62,400	LIFE	* *	5	\$14,900	
				Misaligned/Bulging, Extent : Moderate, Area Affected : 20%					
				Location : Locker Rooms					
				Water Penetration, Extent : Moderate, Area Affected : 15%					
				Location : Second Floor Gymnasium And Mezzanine					

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$20,800	5	\$200	
		Enclosure Corroded, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 1200 Amperes Main Disconnect Switch							
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2026	\$122,000	5	\$1,200	
		Enclosure Corroded, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**TONY DAPOLITO RECREATION CENTER AND INDOOR POOL**  
**Asset # : 270**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Raceway									
	Conduit	70%			2026	\$48,500	1		
	Conduit	30%	2-4	\$20,800	2056	**	1		
Corroded, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Basement And Filter Pool									
Panelboards									
	Fused Disc Sw	5%			2025	\$5,200	5	\$100	
	Molded Case Bkrs	60%			2025	\$62,700	5	\$700	
	Molded Case Bkrs	35%	Now	\$36,600	2051	**	5	\$200	
Pitted/Corroded Buswrk, Extent : Moderate, Area Affected : 100%									
Location : Basement And Filter Pool Area									
Wiring									
	Thermoplastic	100%			2026	\$91,200	1		
Motor Controllers									
	Locally Mounted	50%			2031	**	5	\$200	
	Locally Mounted	50%	Now	\$22,600	2046	**	5	\$100	
Suspect Water Damage, Extent : Moderate, Area Affected : 100%									
Location : Basement And Filter Pool Area									
Ground									
Grounding Devices									
	Generic	100%	2-4	\$9,500	LIFE	**	5	\$700	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Water Main									
Explanation : Corroded									
Lighting									
Interior Lighting									
	Fluorescent	90%			2031	**	10	\$38,800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
	Fluorescent	3%			2031	**	10	\$1,300	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%									
Location : Lobby And Stairway									
	HID	7%			2021	\$5,300	10	\$100	
Egress Lighting									
	Emergency, Battery	50%			2031	**	10	\$5,700	
	Exit, Service	50%			2031	**	1		
Exterior Lighting									
	HID	100%			2031	**	10	\$100	
Alarm									
Security System									
	No Component	50%							
	Generic	50%			2031	**	1	\$8,600	
Fire/Smoke Detection									
	Generic, Analog	100%	Now	\$477,700	2036	**	1-3	\$25,900	
Control Panel Damaged, Extent : Moderate, Area Affected : 100%									
Location : Basement									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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
Heating									
	Energy Source								
	Natural Gas	100%			2046	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2039	* *	1	\$46,500	
	Other Observation, Extent : Severe, Area Affected : 50%								
	Location : Basement								
	Explanation : 2 Natural Gas Fired Steam Boilers								
Distribution									
	Central Plant Steam Piping/Pmp	35%	Now	\$260,300	2056	* *	4	\$800	
	Damaged, Extent : Severe, Area Affected : 100%								
	Location : Basement, Steam Condensate Piping And Equipment Damaged Due To Hurricane Sandy								
	Leak Evident, Extent : Severe, Area Affected : 100%								
	Location : Basement								
	Central Plant Steam Piping/Pmp	65%			2026	\$483,400	4	\$1,500	
	On Extended Life, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Terminal Devices									
	Air Handler	50%	Now	\$308,900	2036	* *	1	\$13,100	
	Damaged, Extent : Severe, Area Affected : 100%								
	Location : Basement, Air Handling Equipment Damaged Due To Hurricane Sandy								
	On Extended Life, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Convector/Radiator	50%			2024	\$117,600	1	\$7,600	
	On Extended Life, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Interior Pkg Unit - Cooling	10%			2030	* *	2	\$300	
	Recent Installation, Extent : Light, Area Affected : 10%								
	Location : Third Floor Multipurpose Room								
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Third Floor Multipurpose Room								
	Explanation : 2 Portable Packaged Air Conditioning Units								
	Int Pkg Unit - Heating/Cooling	65%	Now	\$16,600	2031	* *	2	\$1,500	
	Broken, Extent : Severe, Area Affected : 100%								
	Location : Third Floor Mechanical Room Defective Air Conditioning Equipment								
	R-22 Refrigerant, Extent : Light, Area Affected : 100%								
	Location : All Units								
	No Component	25%							

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**  
**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
Air Conditioning									
Distribution									
	Ductwork/Diffusers	100%	Now	\$265,300	LIFE	**	2	\$61,100	
Corroded, Extent : Severe, Area Affected : 100%									
Location : Basement									
Ventilation									
Distribution									
	Ductwork/Diffusers	20%	Now	\$81,000	LIFE	**	2-5	\$5,200	
Corroded, Extent : Severe, Area Affected : 100%									
Location : Basement									
	Ductwork/Diffusers	80%			LIFE	**	2-5	\$21,000	
Exhaust Fans									
	Interior	60%			2021	\$93,800	2	\$900	
Damaged, Extent : Severe, Area Affected : 100%									
Location : Basement, Ventilation Equipment Damaged Due To Hurricane Sandy									
	Roof	40%			2031	**	2	\$600	
Plumbing									
H/C Water Piping									
	Galvanized Steel	100%	Now	\$19,300	2031	**	1		
Leak Evident, Extent : Severe, Area Affected : 20%									
Location : Pool Filter Room Area									
Water Heater									
	Gas Fired	100%			2024	\$26,800	2	\$700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Instantaneous With Storage Tank / Serves Showers Only									
HW Heat Exchanger									
	Steam Fired	100%	2-4	\$70,000	2056	**	4	\$4,600	
Corroded, Extent : Severe, Area Affected : 100%									
Location : Boiler Room									
Sanitary Piping									
	Cast Iron	100%			LIFE	**	1		
Storm Drain Piping									
	Cast Iron	100%	Now	\$9,200	LIFE	**	1		
Cracked, Extent : Moderate, Area Affected : 10%									
Location : In Walls, Throughout									
Sump Pump(s)									
	Non-Submersible	100%			2026	\$6,600	4	\$1,000	
Pool Filter/Treatment									
	Sand	100%	Now	\$597,800	2031	**	4	\$11,600	
Leak Evident, Extent : Severe, Area Affected : 100%									
Location : Basement									
Fixtures									
	Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%									
Location : Throughout									

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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.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$638,800	\$292,500
Interior Architecture	\$280,300	
Electrical		\$82,100
Mechanical		\$49,600
<b>Total</b>	<b>\$919,000</b>	<b>\$424,300</b>
Importance Code A	\$638,800	\$292,500
Importance Code B	\$98,300	\$131,800
Importance Code C	\$182,000	
<b>Total</b>	<b>\$919,000</b>	<b>\$424,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture				
Interior Architecture	\$15,200			\$100
Electrical	\$29,200	\$500	\$500	\$600
<b>Total</b>	<b>\$44,400</b>	<b>\$500</b>	<b>\$500</b>	<b>\$700</b>
Importance Code A				
Importance Code B	\$44,400	\$500	\$500	\$700
Importance Code C				
<b>Total</b>	<b>\$44,400</b>	<b>\$500</b>	<b>\$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**  
**VAN CORTLANDT PARK BATHHOUSE - 0006**  
**Asset # : 325**

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	25%	Now	\$183,000	LIFE	**	5	\$81,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Main Area, Throughout									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Main Area, Throughout									
	Cast in Place Concrete	65%			LIFE	**	5	\$422,600	
	Concrete Masonry Unit	10%	Now	\$53,500	LIFE	**	5	\$4,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Concession Area, Throughout									
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%									
Location : At Entrance, Throughout									
Windows									
	Metal Louvers	20%	Now	\$135,500	2043	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
	No Component	80%							
Roof									
	Cast in Place Concrete	100%	Now	\$55,500	LIFE	**			
Expansion Jnt Failure, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Male And Female Lockers, Throughout									
Interior									
Floors									
	Cast in Place Concrete	95%	0-2	\$15,100	LIFE	**	5	\$31,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Throughout									
	Vinyl Tile	5%			2028	\$6,500	3	\$400	
Interior Walls									
	Concrete Masonry Unit	100%	0-2	\$182,000	LIFE	**	5	\$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Ceilings									
	Exposed Concrete	100%	Now	\$98,300	LIFE	**	5	\$2,400	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Male And Female Lockers									
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Explanation : Soft Joint Failure									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$1,500	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room 1st Floor									
Explanation : Two 400 Amperes And Two 200 Amperes Main Disconnect Switch									
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2028	\$31,000	5	\$100	
	Raceway								
	Conduit	95%			2028	\$3,600	1		
	Conduit	5%			2048	* *	1		
	Panelboards								
	Fused Disc Sw	5%			2027	\$400	5		
	Molded Case Bkrs	95%			2027	\$18,400	5	\$300	
	Wiring								
	Braided Cloth	75%	Now	\$17,400	2053	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%									
Location : Throughout The Building									
	Thermoplastic	15%			2028	\$1,200	1		
	Thermoplastic	10%			2048	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2026	\$14,400	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$400	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2023	\$26,400	10	\$11,100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Exterior Lighting								
	HID	100%			2023	\$45,600	10		
Alarm									
	Security System								
	Generic	100%			2023	\$36,500	1	\$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : Six CCTV Cameras Outside. The Monitor Located In The Office									

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	H/C Water Piping								
	Galvanized Steel	100%			2026	\$49,600	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**  
**VAN CORTLANDT PARK BATHHOUSE - 0006**

**Asset # : 325**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$71,600			
Interior Architecture	\$23,800		\$1,000	
Electrical	\$200	\$200	\$200	\$100
Mechanical	\$9,200	\$400	\$600	\$400
Site Pavements	\$8,000			
<b>Total</b>	<b>\$112,800</b>	<b>\$500</b>	<b>\$1,700</b>	<b>\$500</b>
Importance Code A	\$71,900	\$300	\$300	\$300
Importance Code B	\$13,500	\$300	\$500	\$200
Importance Code C	\$27,500		\$1,000	
<b>Total</b>	<b>\$112,800</b>	<b>\$500</b>	<b>\$1,700</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**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Masonry: Brick	80%	Now	\$32,100	LIFE	**	5	\$5,300	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%							
		Location : Front							
	Masonry: Granite	5%	Now	\$7,900	LIFE	**	5	\$300	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%							
		Location : Building Base							
		Staining/Discoloring, Extent : Severe, Area Affected : 50%							
		Location : Building Base							
	Masonry: Limestone	10%	Now	\$16,100	LIFE	**	5	\$500	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : At Main Entrance							
		Loose Units, Extent : Moderate, Area Affected : 5%							
		Location : At Main Entrance							
	Metal Sect. OHD	5%	0-2	\$10,400	2048	**	5	\$500	
		Broken/Missing Elements, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
Windows									
	Aluminum	95%			2053	**	5	\$800	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Metal Louvers	5%			2037	**	10	\$300	
Roof									
	Copper/Terne	100%	Now	\$5,200	2043	**			
		Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%							
		Location : Over Boiler Room							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Boiler Room							
Interior									
Floors									
	Cast in Place Concrete	80%	0-2	\$1,600	LIFE	**	5	\$3,400	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Terrazzo	20%			LIFE	**	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.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Cast Stone/Terra Cotta	30%	Now	\$10,100	LIFE	**				
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Throughout								
Ceramic Tile	20%			2041	**	5	\$2,000		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Masonry: Brick	20%	Now	\$7,800	LIFE	**				
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Throughout								
Plaster	30%			LIFE	**	5-10	\$2,500		
Ceilings									
Exposed Concrete	25%	Now	\$800	LIFE	**	5	\$100		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Paint Peeling, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Plaster	75%			LIFE	**	5-10	\$2,500		
Site Pavements									
Public Sidewalk									
Cast in Place Concrete	100%			2041	**				
Parking/Driveway									
Asphalt	100%	Now	\$8,000	2031	**				
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	50%			2054	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room Basement</i>									
<i>Explanation : One 200 Amperes 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>									
Raceway									
	Conduit	100%			2054	**	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**  
**VAN CORTLANDT PARK HEADQUARTERS**  
**Asset # : 1122**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Fused Disc Sw	10%			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	\$100	
Lighting									
Interior Lighting									
	Fluorescent	100%			2036	**	10	\$2,300	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
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	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Fire Alarm System Only In The Mechanical Area									

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	20%			2048	* *	1		
	Natural Gas	80%			2048	* *	1		
Conversion Equipment									
	Steam Boiler	100%			2026	\$15,400	1	\$2,500	
Malfunctioning, Extent : Severe, Area Affected : 100%									
Location : Under Repair, Basement									
Distribution									
	Steam Piping/Pump	100%			2038	* *			
Terminal Devices									
	Convactor/Radiator	80%			2033	* *	1	\$700	
	Fan Coil Unit/Heat	20%			2028	\$7,100	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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Interior Pkg Unit - Cooling	30%	Now	\$8,000	2026	\$26,800	2		
		Not in Service, Extent : Severe, Area Affected : 30%							
		Location : Mounted With The 1st Floor Ceiling							
	Split Unit	20%			2033	* *			
	No Component	50%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,300	
	Exhaust Fans								
	Not Accessible	100%							
Plumbing									
	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%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture		\$43,700
Electrical		\$137,200
Mechanical		\$42,400
<b>Total</b>		<b>\$223,200</b>
Importance Code A		\$43,700
Importance Code B		\$179,500
<b>Total</b>		<b>\$223,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$35,200			
Interior Architecture	\$10,300			\$7,200
Electrical	\$8,400			\$200
Mechanical	\$13,700	\$600	\$12,200	\$600
<b>Total</b>	<b>\$67,500</b>	<b>\$600</b>	<b>\$12,200</b>	<b>\$8,000</b>
Importance Code A	\$35,800	\$600	\$600	\$600
Importance Code B	\$30,500		\$11,600	\$7,100
Importance Code C	\$1,200			\$300
<b>Total</b>	<b>\$67,500</b>	<b>\$600</b>	<b>\$12,200</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**  
**VAN CORTLANDT PARK NATURE CENTER - 0022**

**Asset # : 670**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Exterior**

**Exterior Walls**

Concrete Masonry Unit	80%			LIFE	**	5		\$18,100	
Masonry: Brick	5%			LIFE	**	5		\$1,800	
Metal Sect. OHD	5%	Now	\$2,800	2041	**	5		\$1,400	

*Broken/Missing Elements, Extent : Light, Area Affected : 10%*

*Location : Throughout*

Wood	10%			2033	**	5		\$9,100	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : Trem*

**Windows**

Wood	100%			2044	**	5		\$44,800	
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : Wood Screens For Windows*

**Roof**

Metal Panel	100%			2045	**	10		\$43,700	
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**Interior**

**Floors**

Ceramic Tile	100%			2037	**	5		\$13,800	
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**Interior Walls**

Ceramic Tile	15%			2037	**	5		\$500	
Concrete Masonry Unit	5%			LIFE	**	5		\$100	
Plaster	80%	Now	\$1,200	LIFE	**	5		\$900	

*Water Penetration, Extent : Light, Area Affected : 5%*

*Location : Main Room, Throughout*

**Ceilings**

Plaster	100%	Now	\$9,000	LIFE	**	5		\$8,600	
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*Water Penetration, Extent : Light, Area Affected : 5%*

*Location : Main Room*

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2028		\$1,500	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Mechanical And Electrical Room*

*Explanation : One 100 Amperes Main Disconnect Switch*

**Raceway**

Conduit	100%			2028		\$31,300	1		
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**Panelboards**

Fused Disc Sw	5%			2027		\$700	5		
Molded Case Bkrs	95%			2027		\$14,200	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.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK NATURE CENTER - 0022**

**Asset # : 670**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Wiring								
	Thermoplastic	100%			2028	\$27,700	1		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$400	
Lighting									
	Interior Lighting								
	Fluorescent	70%			2023	\$89,100	10	\$8,200	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Mechanical And Bath Room							
	Fluorescent	30%			2033	* *	10	\$3,500	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Office							
	Egress Lighting								
	Exit, Service	100%			2023	\$1,800	1		
	Exterior Lighting								
	HID	100%			2023	\$48,000	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2028	\$23,200	5	\$3,900	
	Conversion Equipment								
	Furnace	100%			2023	\$28,000	1	\$6,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 1 Unit								
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,200	
	Exhaust Fans								
	Interior	100%			2023	\$42,400	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$4,400	2038	* *	1		
	Leak Evident, Extent : Severe, Area Affected : 100%								
	Location : Storage Room, 1st Floor								
	Water Heater								
	Electric	100%			2021	\$10,500	4	\$100	
	Sanitary Piping								
	Cast Iron	100%	Now	\$4,400	LIFE	* *	1		
	Blockage /Clogged, Extent : Severe, Area Affected : 100%								
	Location : Women Bath Room								

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 NATURE CENTER - 0022**

**Asset # : 670**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing	Fixtures								
	Generic	100%							

*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$85,400	
Interior Architecture		\$55,800
Electrical		\$101,600
Mechanical		\$70,000
<b>Total</b>	<b>\$85,400</b>	<b>\$227,400</b>
Importance Code A	\$85,400	
Importance Code B		\$227,400
<b>Total</b>	<b>\$85,400</b>	<b>\$227,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$18,100			
Interior Architecture	\$33,800			
Electrical	\$800		\$200	
Mechanical	\$17,300		\$2,100	
<b>Total</b>	<b>\$70,000</b>		<b>\$2,300</b>	
Importance Code A	\$18,100			
Importance Code B	\$47,900		\$2,300	
Importance Code C	\$4,000			
<b>Total</b>	<b>\$70,000</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**  
**VAN CORTLANDT PARK OLYMPIC SWIMMING POOL**  
**Asset # : 302**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	80%	Now	\$25,300	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	\$60,100	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>									
Roof									
	Cast in Place Concrete	20%	0-2	\$17,700	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
	No Component	80%							
Interior									
Floors									
	Cast in Place Concrete	100%	Now	\$26,500	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>									
Interior Walls									
	Cast in Place Concrete	10%	0-2	\$4,000	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
	No Component	90%							
Ceilings									
	Exposed Concrete	20%	0-2	\$3,300	LIFE	**	5	\$100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
	No Component	80%							

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK OLYMPIC SWIMMING POOL**  
**Asset # : 302**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Raceway

Conduit	80%				2038	**	1		
Conduit	20%	Now		\$700	2058	**	1		

*Corroded, Extent : Severe, Area Affected : 100%**Location : Filter House Wall Next To The Pool*

## Panelboards

Molded Case Bkrs	100%				2036	**	5	\$500	
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## Wiring

Thermoplastic	100%				2038	**	1		
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## Motor Controllers

Locally Mounted	100%				2033	**	5	\$100	
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## Lighting

## Interior Lighting

Fluorescent	100%				2028		\$37,300	10	\$15,600
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*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%**Location : Fliter House*

## Exterior Lighting

HID	100%				2023		\$64,300	10	\$100
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Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Plumbing

## H/C Water Piping

Galvanized Steel	100%	Now		\$14,000	2026		\$70,000	1	
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*Corroded, Extent : Moderate, Area Affected : 30%**Location : Next To The Small Pool*

## Storm Drain Piping

Cast Iron	100%	0-2		\$3,300	LIFE	**	1		
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*Corroded, Extent : Moderate, Area Affected : 25%**Location : Around The Pool*

## Pool Filter/Treatment

Sand	90%				2045	**	4	\$3,800	
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Sand	10%				2033	**	4	\$400	
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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$74,600			
Interior Architecture	\$21,000		\$400	
Electrical	\$5,700	\$600	\$500	\$500
Mechanical	\$5,100	\$1,100	\$1,200	\$1,300
<b>Total</b>	<b>\$106,400</b>	<b>\$1,700</b>	<b>\$2,000</b>	<b>\$1,800</b>
Importance Code A	\$75,400	\$800	\$800	\$800
Importance Code B	\$25,100	\$900	\$1,200	\$900
Importance Code C	\$5,900			
<b>Total</b>	<b>\$106,400</b>	<b>\$1,700</b>	<b>\$2,000</b>	<b>\$1,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior									
Exterior Walls									
	Cast in Place Concrete	5%	0-2	\$2,100	LIFE	* *	5	\$1,800	
		Cracking/Crumbling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Masonry: Brick	55%			LIFE	* *	5	\$8,100	
	Masonry: Brick	25%	Now	\$5,600	LIFE	* *	5	\$1,800	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
	Masonry: Fieldstone	5%			LIFE	* *	5	\$600	
	Wood	10%	0-2	\$15,500	2033	* *	5	\$1,800	
		Dry Rot/Decay, Extent : Moderate, Area Affected : 40%							
		Location : Porch At North Side							
Windows									
	Aluminum	2%	0-2	\$400	2036	* *	5		
		Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Metal Louvers	3%			2037	* *	10	\$200	
	Steel	5%	Now	\$3,100	2053	* *	5	\$400	
		Air Infiltration, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
		Unit Inoperable, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Wood	90%	Now	\$30,200	2053	* *	5	\$5,400	
		Air Infiltration, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Split/Cracked, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

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								
Built-Up (BUR)	5%	Now	\$2,200	2038	* *			
	Blisters, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Vegetation Growth, Extent : Severe, Area Affected : 25%							
	Location : Throughout							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Built-Up (BUR)	60%			2038	* *	10	\$5,700	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Slate	35%	Now	\$11,200	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	\$20,200	
Quarry Tile	10%			2041	* *	5	\$800	
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	\$3,600	
Plaster	10%			LIFE	* *	5-10	\$500	
Wood	10%	0-2	\$3,800	LIFE	* *	5	\$2,300	
	Deteriorated Finish, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
Ceilings								
AcousTileSusp.Lay-In	15%	2-4	\$1,300	2033	* *	5	\$300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
Exposed Concrete	50%			LIFE	* *	5-10	\$2,200	
Exposed Struc: Wood	25%			LIFE	* *	10	\$1,300	
Plaster	10%			LIFE	* *	5-10	\$600	
Site Pavements								
On-Site Walkways								
Asphalt	100%			2037	* *			

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$1,500	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : One 200 Amperes And Two 100 Amperes Main Disconnect Switch							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2058	* *	5	\$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**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Raceway									
	Conduit	70%			2028	\$2,600	1		
	Conduit	30%			2058	* *	1		
Panelboards									
	Fused Disc Sw	10%			2053	* *	5		
	Molded Case Bkrs	30%			2027	\$3,500	5	\$100	
	Molded Case Bkrs	60%			2053	* *	5	\$100	
Wiring									
	Braided Cloth	30%	2-4	\$2,200	2053	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Thermoplastic	20%			2028	\$1,600	1		
	Thermoplastic	50%			2058	* *	1		
Motor Controllers									
	Locally Mounted	100%			2026	\$7,200	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$200	
Lighting									
	Interior Lighting								
	Fluorescent	40%			2023	\$7,100	10	\$3,000	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	Fluorescent	50%			2038	* *	10	\$3,700	
		T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
	LED	10%			2038	* *			
Egress Lighting									
	Emergency, Battery	50%			2038	* *	10	\$1,000	
	Exit, Service	50%			2038	* *	1		
Exterior Lighting									
	HID	50%			2038	* *	10		
	LED	50%			2038	* *			
Alarm									
	Fire/Smoke Detection								
	Generic, Digital	100%			2038	* *	1-3	\$5,000	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Fuel Oil No 2	100%			2028	\$14,800	5	\$2,500	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Underground									
Explanation : 190 Gallons One Tank									

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK STABLE AND RIDING ACADEMY - 0002**  
**Asset # : 232**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Steam Boiler	100%			2048	* *	1	\$8,100	
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 Unit.							
Distribution									
	Central Plant Steam	100%			2054	* *	4	\$400	
	Piping/Pmp	Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Recently Repair.							
Terminal Devices									
	Convactor/Radiator	80%			2045	* *	1	\$2,100	
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : Throughout							
		Explanation : Recently Repair.							
	Fan Coil Unit/Heat	20%			2033	* *	1	\$500	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Explanation : Recently Repair.							
Air Conditioning									
	Energy Source								
	Electricity	100%			2036	* *	1		
Conversion Equipment									
	Window/Wall Unit	20%			2023	\$3,200	1		
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	40%			2038	* *	1		
	Galvanized Steel	60%	0-2	\$4,000	2033	* *	1		
		Corroded, Extent : Moderate, Area Affected : 30%							
		Location : Water Main And Pipes In Basement							
Water Heater									
	Electric	20%			2028	\$1,300	4		
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Basement							
		Explanation : Two Units 80 Gallons, 60 Gallons							
	No Component	80%							
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Non-Submersible	100%			2033	* *	4	\$200	
Fixtures									
	Generic	100%							

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Electrical		\$299,500
Mechanical	\$84,400	\$277,300
<b>Total</b>	<b>\$84,400</b>	<b>\$576,800</b>
Importance Code A		\$76,700
Importance Code B	\$84,400	\$500,100
<b>Total</b>	<b>\$84,400</b>	<b>\$576,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$118,400		\$9,700	
Interior Architecture	\$72,700		\$11,600	\$400
Electrical	\$19,800	\$1,100	\$1,200	\$1,400
Mechanical	\$7,100	\$1,600	\$1,700	\$1,600
<b>Total</b>	<b>\$218,000</b>	<b>\$2,700</b>	<b>\$24,200</b>	<b>\$3,400</b>
Importance Code A	\$119,500	\$1,100	\$10,900	\$1,100
Importance Code B	\$69,800	\$1,600	\$13,200	\$2,300
Importance Code C	\$28,700		\$200	
<b>Total</b>	<b>\$218,000</b>	<b>\$2,700</b>	<b>\$24,200</b>	<b>\$3,400</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 VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

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	10%	Now	\$24,200	LIFE	* *	5	\$2,400	
		Diagonal Cracks, Extent : Severe, Area Affected : 5%							
		Location : Around Windows							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%							
		Location : Around Windows And Chimney							
		Repointing Failure, Extent : Moderate, Area Affected : 20%							
		Location : North And East Facades - 1748 House							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Around Basement Windows							
		Water Penetration, Extent : Severe, Area Affected : 5%							
		Location : At Base Of Hearth - 1st Floor Fireplace							
	Masonry: Fieldstone	80%			LIFE	* *	5	\$29,000	
	Wood	10%			2033	* *	5	\$12,100	
		Deteriorated Finish, Extent : Moderate, Area Affected : 15%							
		Location : 1917 Cottage							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : At Dormer							
		Explanation : This Component Is Actually Wood Shingles							
Windows									
	Wood	65%			2036	* *	5	\$19,500	
	Wood	35%	Now	\$32,100	2053	* *	5	\$5,200	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : 1917 Cottage							
		Thermally Inefficient, Extent : Moderate, Area Affected : 50%							
		Location : 1917 Cottage							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : 1917 Cottage							
		Water Penetration, Extent : Moderate, Area Affected : 50%							
		Location : 1917 Cottage Dormers And Basement Windows At Assembly Space							
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : 1917 Cottage And Basement Windows							
		Explanation : Protective Metal Grilles							

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**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

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	12%			2043	* *	10	\$3,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Over 1748 Wing							
		Explanation : Lead Coated							
	Panel/Paver: Cer/Brk	5%	Now	\$9,700	2058	* *			
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 35%							
		Location : Walkway Between 1748 House And 1917 Cottage Above Passage Tunnel							
		Water Penetration, Extent : Severe, Area Affected : 10%							
		Location : Walkway Between 1748 House And 1917 Cottage Above Passage Tunnel							
		Worn/Eroded, Extent : Severe, Area Affected : 25%							
		Location : Walkway Between 1748 House And 1917 Cottage Above Passage Tunnel							
	Slate	83%	Now	\$19,400	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Various Locations Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 5%							
		Location : Attic Dormers In Driving Rain - 1748 House And 1917 Cottage							
Soffits									
Wood		100%	Now	\$18,500	2033	* *	5	\$4,000	
		Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
		Location : Below Eaves							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Below Eaves							
Interior									
Floors	Ceramic Tile	5%			2037	* *	5	\$900	
	Sheet Vinyl/Rubber	5%			2033	* *	5	\$1,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Entry Vestibule - 1748 House							
		Explanation : Specialty Floor Canvas							
	Slate	5%			LIFE	* *	5	\$1,800	
	Wood	15%	Now	\$23,400	2043	* *	5	\$2,400	
		Dry Rot/Decay, Extent : Severe, Area Affected : 20%							
		Location : Attic, First Floor 1917 Cottage							
		Split/Cracked, Extent : Moderate, Area Affected : 25%							
		Location : Attic, First Floor 1917 Cottage							
	Wood	70%			2031	* *	5	\$22,800	

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 MANSION - 0004**  
**Asset # : 242**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Ceramic Tile	2%			2041	**	5	\$300	
	Ceramic Tile	1%	Now	\$300	2031	**	5	\$100	
Water Penetration, Extent : Severe, Area Affected : 5%									
Location : At Base Of Hearth - 1st Floor Fireplace									
	Gypsum Board	15%			LIFE	**	5-10	\$4,200	
	Masonry: Fieldstone	5%	Now	\$12,000	LIFE	**			
Other Observation, Extent : Severe, Area Affected : 15%									
Location : Passage Tunnel Between 1748 House And 1917 Cottage									
Explanation : Water Penetration									
	Plaster	65%			LIFE	**	5-10	\$9,000	
	Wood	12%			LIFE	**	5	\$15,700	
Ceilings									
	Exposed Struc: Wood	5%			LIFE	**	10	\$1,300	
	Exposed Struc: Wood	10%			LIFE	**	10	\$2,600	
	Plaster	20%			LIFE	**	5-10	\$5,900	
	Plaster	65%			LIFE	**	5-10	\$19,100	
Site Enclosure									
Fence/Gates									
	Iron Picket	100%			2048	**			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : Anchor Points For Posts - Front Gate And Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Site Pavements									
On-Site Walkways									
	Pavers/Stone	95%			2031	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : This Component Actually Crushed Gravel									
	Pavers/Stone	5%			2031	**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Walkway Leading To Entrance To Cottage									
Explanation : Side Patio									

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2028	\$1,600	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Main Service Disconnect Switch Rated @ 400 Amperes.									

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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**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Disc Sw	100%			2028	\$35,200	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Main Bus Rated @ 400 Amperes							
	Raceway								
	Conduit	50%			2038	* *	1		
	Conduit	50%			2028	\$17,100	1		
	Panelboards								
	Fused Disc Sw	25%			2027	\$4,100	5	\$100	
	Molded Case Bkrs	25%			2027	\$4,100	5	\$100	
	Molded Case Bkrs	50%			2036	* *	5	\$200	
	Wiring								
	Thermoplastic	100%			2038	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2026	\$33,000	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%	0-2	\$10,400	LIFE	* *	5	\$200	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Basement							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	10%			2028	\$12,700	10	\$1,100	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
	Fluorescent	15%			2028	\$19,000	10	\$1,600	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : Compact Fluorescent Lamps							
	Incandescent	75%			2023	\$95,000	2	\$200	
	Egress Lighting								
	Emergency, Battery	50%			2028	\$8,500	10	\$1,400	
	Exit, Service	50%			2028	\$900	1		
	Exterior Lighting								
	HID	80%			2028	\$38,200	10		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : 4 - HID Light Fixtures Controlled By Timer Switch							
	Incandescent	20%	Now	\$8,100	2038	* *	2		
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Outside / Under The Stairs							
		Explanation : Damage Fixtures, Missing Cover							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT MANSION - 0004**  
**Asset # : 242**

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Alarm**

Security System  
Generic

100%

2033

\* \*

1

\$4,300

*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

\$131,000

1-3

\$7,400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Hallways**Explanation : Alarm Bells, Manual Pull Stations And Smoke Detector*

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Heating**

Energy Source

Fuel Oil No 2

100%

2038

\* \*

5

\$3,600

*Other Observation, Extent : Light, Area Affected : 100%**Location : Outside Underground**Explanation : 1000 Gallons*

Conversion Equipment

Steam Boiler

100%

2026

\$76,700

1

\$11,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 1 Unit*

Distribution

Central Plant Steam  
Piping/Pmp

100%

Now

\$40,100

2028

\$200,600

4

\$600

*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

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Interior Pkg Unit - Cooling	10%	Now	\$4,400	2022	\$44,300	2	\$100	
		Not in Service, Extent : Severe, Area Affected : 10% Location : Basement Other Observation, Extent : Light, Area Affected : 10% Location : Basement Explanation : This Unit Is Not Connected							
	Window/Wall Unit	10%			2023	\$2,500	1		
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	10%			LIFE	* *	2-5	\$1,000	
	No Component	90%							
	Exhaust Fans								
	Interior	10%	Now	\$400	2023	\$4,200	2		
		Not in Service, Extent : Severe, Area Affected : 10% Location : Basement							
	No Component	90%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2038	* *	1		
	Water Heater								
	Electric	100%			2023	\$10,400	4	\$100	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%			2023	\$3,400	4	\$700	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	75%							
	Generic	25%			2038	* *	1-2	\$800	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture	\$1,924,100	\$193,500
Interior Architecture	\$717,600	
Electrical		\$72,200
Mechanical		\$49,500
<b>Total</b>	<b>\$2,641,700</b>	<b>\$315,100</b>
Importance Code A	\$1,924,100	\$242,900
Importance Code B	\$420,100	\$72,200
Importance Code C	\$297,400	
<b>Total</b>	<b>\$2,641,700</b>	<b>\$315,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$11,600			
Interior Architecture	\$53,800			
Electrical	\$52,400			\$100
Mechanical	\$4,100	\$700	\$6,900	\$700
<b>Total</b>	<b>\$122,000</b>	<b>\$700</b>	<b>\$6,900</b>	<b>\$700</b>
Importance Code A	\$12,000	\$400	\$300	\$400
Importance Code B	\$110,000	\$300	\$6,600	\$400
Importance Code C				
<b>Total</b>	<b>\$122,000</b>	<b>\$700</b>	<b>\$6,900</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**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**  
**Asset # : 300**

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	94%	Now	\$1,239,600	LIFE	* *	5	\$110,100	1
	Expansion Jnt Failure, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Exposed Reinforcement, Extent : Severe, Area Affected : 60%								
	Location : Throughout								
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 80%								
	Location : Throughout								
	Glass Block	1%	Now	\$11,600	LIFE	* *	5	\$100	1
	Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
	Location : Both Ends Of Building								
	Metal Coiling Doors	5%	Now	\$66,300	2048	* *	5	\$1,800	1
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
Windows									
	Fiberglass Panel	100%	Now	\$41,900	2053	* *	5	\$1,500	1
	Air Infiltration, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
Parapets									
	Cast in Place Concrete	75%	Now	\$205,000	LIFE	* *	5	\$83,400	1
	Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Expansion Jnt Failure, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Metal Rail	25%	0-2	\$71,700	2048	* *	5	\$19,100	
	Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Roof									
	Cast in Place Concrete	100%	Now	\$299,500	LIFE	* *			1
	Expansion Jnt Failure, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Water Penetration, Extent : Severe, Area Affected : 100%								
	Location : Male And Female Lockers, Throughout								

**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**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**  
**Asset # : 300**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	50%	0-2	\$22,500	LIFE	* *	5	\$11,800	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 40% Location : Throughout							
	Ceramic Tile	15%	Now	\$31,400	2043	* *	5	\$800	
		Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout							
	Terrazzo	35%	Now	\$175,600	LIFE	* *	5	\$3,000	
		Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Mens Locker Room, Steps Throughout							
Interior Walls									
	Cast in Place Concrete	20%	Now	\$159,000	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 100% Location : Boiler Room, Throughout Water Penetration, Extent : Severe, Area Affected : 25% Location : Throughout							
	Plaster	65%	Now	\$65,500	LIFE	* *	5	\$2,500	
		Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Locker Rooms Water Penetration, Extent : Severe, Area Affected : 100% Location : Locker Rooms, Throughout							
	SGFT/Glazed Masonry	15%	Now	\$73,000	LIFE	* *			
		Cracking/Crumbling, Extent : Severe, Area Affected : 100% Location : Throughout							
Ceilings									
	Exposed Concrete	50%	Now	\$173,700	LIFE	* *	5	\$800	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 100% Location : Throughout Water Penetration, Extent : Severe, Area Affected : 100% Location : Throughout							
	Plaster	50%	Now	\$70,800	LIFE	* *	5	\$3,400	
		Water Penetration, Extent : Severe, 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		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room 1st Floor									
Explanation : One 400 Amperes Main Disconnect Switch									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**  
**Asset # : 300**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Switchgear / Switchboard								
	Fused Knife Sw	30%	Now	\$9,700	2058	* *	5		
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Electrical Room 1st Floor							
	Molded Case Bkrs	70%			2028	\$22,600	5	\$100	
Raceway									
	Conduit	100%			2028	\$31,300	1		
Panelboards									
	Fused Disc Sw	5%			2027	\$700	5		
	Fused Toggle Switch	30%	Now	\$4,500	2053	* *	5		
		On Extended Life, Extent : Severe, Area Affected : 100%							
		Location : Mechanical Room Basement							
	Molded Case Bkrs	65%			2027	\$9,700	5	\$100	
Wiring									
	Braided Cloth	80%	Now	\$22,200	2053	* *	1		
		Insulation Aged, Extent : Severe, Area Affected : 100%							
		Location : Throughout The Building							
	Thermoplastic	20%			2028	\$5,500	1		
Motor Controllers									
	Locally Mounted	100%			2026	\$15,100	5		
Ground									
	Grounding Devices								
	Generic	100%	Now	\$9,500	LIFE	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main Basement							
		Explanation : Corroded							
Lighting									
	Interior Lighting								
	Fluorescent	95%			2023	\$68,600	10	\$6,300	
		T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	5%			2023	\$3,600	10	\$300	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Bath And Storage Room							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Bath And Storage Room							
		Explanation : Bulb Is CFL (New) But The Lighting Fixture Is Old							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	5%			2038	* *	1		
	Fuel Oil No 2	95%			2028	\$12,500	5	\$2,100	

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**  
**VAN CORTLANDT PARK VAN CORTLANDT STADIUM - 0008**  
**Asset # : 300**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	95%			2026	\$49,500	1	\$3,400	
		Other Observation, Extent : Light, Area Affected : 95%							
		Location : Basement							
		Explanation : 2 Units							
	Radiant Heater	5%			2028	\$6,000	2	\$200	
Distribution									
	Hot Wtr Piping/Pump	95%			2027	\$10,000	4	\$500	
	No Component	5%							
Terminal Devices									
	Air Handler	40%			2033	* *	1	\$1,800	
	Convactor/Radiator	30%			2026	\$10,800	1	\$700	
	Fan Coil Unit/Heat	25%			2028	\$25,300	1	\$600	
	No Component	5%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	50%			LIFE	* *	2-5	\$3,200	
	No Component	50%							
	Exhaust Fans								
	Interior	50%			2033	* *	2	\$100	
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	30%			2028	\$15,100	1		
	Galvanized Steel	70%	Now	\$2,100	2026	\$20,700	1		
		Corroded, Extent : Severe, Area Affected : 10%							
		Location : Water Main And Connections							
	Water Heater								
	Electric	100%			2021	\$6,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$53,300	\$130,400
Interior Architecture	\$54,300	
Electrical		\$148,900
<b>Total</b>	<b>\$107,500</b>	<b>\$279,400</b>
Importance Code A	\$53,300	\$130,400
Importance Code B	\$54,300	\$148,900
<b>Total</b>	<b>\$107,500</b>	<b>\$279,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture				
Interior Architecture	\$35,700	\$500		\$1,300
Electrical	\$100		\$18,600	\$100
Mechanical	\$3,700	\$5,800	\$3,600	\$5,400
<b>Total</b>	<b>\$39,600</b>	<b>\$6,300</b>	<b>\$22,200</b>	<b>\$6,800</b>
Importance Code A	\$600	\$600	\$800	\$600
Importance Code B	\$23,300	\$5,700	\$21,500	\$6,200
Importance Code C	\$15,700			
<b>Total</b>	<b>\$39,600</b>	<b>\$6,300</b>	<b>\$22,200</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**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)**  
**Asset # : 1170**

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	95%			LIFE	**	5	\$89,300	
	Metal Coiling Doors	5%	Now	\$53,300	2046	**	5	\$1,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%									
Location : 1st Floor Game Room									
Deformed/Dented, Extent : Moderate, Area Affected : 25%									
Location : 1st Floor Game Room									
Unit Inoperable, Extent : Moderate, Area Affected : 50%									
Location : 1st Floor Game Room									
Windows									
	Aluminum	100%			2048	**	5	\$2,900	
Roof									
	Built-Up (BUR)	40%			2034	**	10	\$14,900	
	Metal Panel	60%			2043	**	10	\$41,100	
Interior									
Floors									
	Cast in Place Concrete	25%			LIFE	**	5	\$10,000	
	Ceramic Tile	5%			2035	**	5	\$900	
	Quarry Tile	5%	Now	\$7,900	2039	**	5	\$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
	Vinyl Tile	35%	Now	\$5,400	2021	\$54,300	3	\$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
	Vinyl Tile	20%			2034	**	3	\$1,800	
	Wood	10%			2054	**	5	\$3,400	
Interior Walls									
	Ceramic Tile	5%			2039	**	5	\$800	
	Concrete Masonry Unit	60%	Now	\$10,700	LIFE	**	5	\$3,900	
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Basement, Throughout Corridors And Boiler Room									
	Plaster	35%	Now	\$4,500	LIFE	**	5	\$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Ceilings									
	Exposed Concrete	60%			LIFE	**	5	\$1,700	
	Plaster	40%	2-4	\$4,600	LIFE	**	5	\$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Throughout									

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	

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**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)**  
**Asset # : 1170**

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2026	\$1,500	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One Electrical Service - No Available Rating							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$32,300	5	\$300	
	Raceway								
	Conduit	80%			2026	\$25,000	1		
	Conduit	20%			2046	* *	1		
	Panelboards								
	Molded Case Bkrs	50%			2034	* *	5	\$200	
	Molded Case Bkrs	50%			2042	* *	5	\$200	
	Wiring								
	Thermoplastic	80%			2026	\$22,200	1		
	Thermoplastic	20%			2046	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2039	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Water Main							
		Explanation : Main Water Pipe							
Lighting									
	Interior Lighting								
	Fluorescent	85%			2026	\$103,700	10	\$9,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8, T-12 Lamps							
	Incandescent	15%			2021	\$18,300	2		
	Egress Lighting								
	Emergency, Battery	20%			2026	\$3,300	10	\$600	
	Exit, Service	80%			2026	\$1,400	1		
	Exterior Lighting								
	HID	100%			2026	\$45,200	10		
Alarm									
	Security System								
	No Component	95%							
	Generic	5%			2026	\$1,800	1	\$200	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2052	**	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2043	**	1	\$6,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 - Hot Water Boiler								
	Distribution								
	Hot Wtr Piping/Pump	100%			2048	**	4	\$900	
	Terminal Devices								
	Air Handler	80%			2034	**	1	\$6,000	
	Convactor/Radiator	20%			2031	**	1	\$800	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	**	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	100%			2034	**	1	\$5,700	
	Distribution								
	CW & CHW Wtr Pipe/Pump	100%			2052	**	4	\$900	
	Terminal Devices								
	Air Handler/Cool/Ht	100%			2034	**	1	\$7,600	
	Heat Rejection								
	Water Cooling Tower	100%			2030	**	2	\$12,300	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,800	
	Exhaust Fans								
	Roof	100%			2026	\$18,900	2	\$400	
Plumbing									
	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	
	Unit Inoperable, Extent : Moderate, Area Affected : 100%								
	Location : Defective Mixing Valve At Heat Exchanger								
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Non-Submersible	100%			2031	**	4	\$400	
	Sewage Ejector(s)								
	Electric	100%			2034	**	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**  
**VON KING (FORMERLY TOMPKINS PARK CULTURAL/ARTS CENTER)**  
**Asset # : 1170**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	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.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2872 **Lot** : 126 **BIN** : 2824716

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Exterior Architecture		\$110,300
<b>Total</b>		<b>\$110,300</b>
Importance Code A		\$110,300
<b>Total</b>		<b>\$110,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Exterior Architecture	\$18,800		\$2,600	
Interior Architecture	\$1,000	\$8,600	\$600	
Electrical	\$900	\$11,000	\$1,400	\$900
Mechanical	\$1,300	\$2,800	\$2,000	\$3,000
<b>Total</b>	<b>\$22,000</b>	<b>\$22,400</b>	<b>\$6,500</b>	<b>\$3,900</b>
Importance Code A	\$19,500	\$700	\$3,200	\$600
Importance Code B	\$2,600	\$21,700	\$3,300	\$3,300
Importance Code C				
<b>Total</b>	<b>\$22,000</b>	<b>\$22,400</b>	<b>\$6,500</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**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Exterior**

## Exterior Walls

Concrete Masonry Unit	80%			LIFE		**	5	\$12,800	
Fiberglass Panel	20%			2034		**	5	\$19,200	

## Windows

Aluminum	100%			2041		**	5	\$5,100	
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## Roof

Copper/Terne	70%			2053		**	10	\$64,700	
Roll Roofing	30%			2024		\$45,700	5	\$18,500	

**Interior**

## Floors

Cast in Place Concrete	5%			LIFE		**	5	\$2,100	
Ceramic Tile	10%			2034		**	5	\$1,900	
Sheet Vinyl/Rubber	60%			2030		**	5	\$17,100	
Vinyl Tile	25%			2030		**	3	\$1,800	

## Interior Walls

Concrete Masonry Unit	90%			LIFE		**	5	\$1,900	
SGFT/Glazed Masonry	10%			LIFE		**			

## Ceilings

AcousTileSusp.Lay-In	20%			2038		**	5	\$3,800	
Exposed Struc: Steel	70%			LIFE		**			
Gypsum Board	10%			LIFE		**	5	\$2,400	

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

**Under 600 Volts**

## Service Equipment

Fused Disc Sw	100%			2045		**	5	\$100	
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical - Mechanical Room*

*Explanation : One 400 Amperes Main Disconnect Switch*

## Switchgear / Switchboard

Molded Case Bkrs	100%			2045		**	5	\$300	
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## Raceway

Conduit	100%			2045		**	1		
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## Panelboards

Fused Disc Sw	5%			2041		**	5		
Molded Case Bkrs	95%			2041		**	5	\$300	

## Wiring

Thermoplastic	100%			2045		**	1		
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## Motor Controllers

Locally Mounted	100%			2038		**	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**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Lighting

## Interior Lighting

## Fluorescent

65%

2030

\* \*

10

\$7,600

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-8 Lamps*

## Fluorescent

5%

2030

\* \*

10

\$600

*T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 5%**Location : Lobby*

## HID

30%

2030

\* \*

10

\$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Gymnasium**Explanation : Mercury*

## Egress Lighting

## Emergency, Battery

50%

2030

\* \*

10

\$1,500

## Exit, Service

50%

2030

\* \*

1

## Exterior Lighting

## HID

100%

2030

\* \*

10

## Alarm

## Security System

## No Component

50%

## Generic

50%

2030

\* \*

1

\$2,400

## Fire/Smoke Detection

## Generic, Analog

100%

2030

\* \*

1-3

\$7,800

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Heating

## Energy Source

## Natural Gas

100%

2045

\* \*

1

## Conversion Equipment

## Hot Water Boiler

100%

2038

\* \*

1

\$6,300

*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor Boiler Room**Explanation : 1 Unit*

## Distribution

## Hot Wtr Piping/Pump

100%

2047

\* \*

4

\$900

## Terminal Devices

## Convactor/Radiator

80%

2038

\* \*

1

\$3,300

## Unit Heater - Steam

20%

2030

\* \*

4

\$200

## Air Conditioning

## Energy Source

## Electricity

100%

2041

\* \*

1

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**WEST BRONX RECREATION CENTER**  
**Asset # : 13642**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Exterior Pkg Unit - Cooling	30%			2030	* *	2	\$200	
	No Component	70%							
Heat Rejection									
	Air Cooled Condenser Unit	100%			2030	* *	2	\$8,800	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,100	
Exhaust Fans									
	Roof	100%			2030	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		
Water Heater									
	Gas Fired	100%			2023	\$7,200	2	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Fixtures									
	Generic	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.  
**Address** : VAN CORTLANDT AVE. EAST AND BAINBRIDGE AVE.  
**Borough** : BRONX **Agency's Number** : X104-02A  
**Program / Asset #** : PAR0078.02A / 2676 **Yr Built/Renovated** : 1974 / 2013  
**Area Sq Ft** : 11,371 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 24-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 3343 **Lot** : 400 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture		\$1,800		
Interior Architecture		\$5,800		
Electrical	\$1,100	\$1,100	\$1,300	\$1,200
Mechanical	\$1,900	\$11,200	\$1,700	\$1,600
<b>Total</b>	<b>\$2,900</b>	<b>\$19,900</b>	<b>\$3,000</b>	<b>\$2,800</b>
Importance Code A	\$1,100	\$3,000	\$1,100	\$1,100
Importance Code B	\$1,800	\$16,500	\$1,800	\$1,700
Importance Code C		\$400		
<b>Total</b>	<b>\$2,900</b>	<b>\$19,900</b>	<b>\$3,000</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**  
**WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.**  
**Asset # : 2676**

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: Granite	100%			LIFE	**	5	\$17,800	
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Throughout									
Windows									
	Aluminum	100%			2050	**	5	\$3,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Parapets									
	Masonry: Brick Cavity	40%			LIFE	**	5	\$1,900	
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Over First Floor									
	Masonry: Granite	40%			LIFE	**	5	\$2,300	
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Throughout									
	Metal Rail	20%			2038	**	5-10	\$16,800	
Roof									
	IRMA/Protected Membrane	30%			2035	**	10	\$7,100	
Paver Block Ballast, Extent : Moderate, Area Affected : 100%									
Location : Over First Floor									
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Over First Floor									
	Not Accessible	70%							
Interior									
Floors									
	Cast in Place Concrete	15%			LIFE	**	5	\$5,700	
	Ceramic Tile	5%			2040	**	5	\$900	
	Quarry Tile	20%			2038	**	5	\$5,200	
	Sheet Vinyl/Rubber	35%			2035	**	5	\$9,100	
	Terrazzo	5%			LIFE	**	5	\$700	
	Vinyl Tile	20%			2035	**	3	\$1,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Interior Walls									
	Ceramic Tile	5%			2040	**	5	\$800	
	Gypsum Board	10%			LIFE	**	5	\$900	
	Masonry: Brick	25%			LIFE	**			
	Plaster	25%			LIFE	**	5	\$1,100	
	SGFT/Glazed Masonry	25%			LIFE	**			
	Wood	10%			LIFE	**	5	\$6,100	
Ceilings									
	Gypsum Board	20%			LIFE	**	5	\$4,200	
	Plaster	80%			LIFE	**	5	\$8,400	
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLIAMSBRIDGE PLAYGROUND COMFORT AND RECREATION BLDG.**  
**Asset # : 2676**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Not Accessible	100%							
	Switchgear / Switchboard								
	Not Accessible	100%							
	Raceway								
	Conduit	100%			2051	**	1		
	Panelboards								
	Molded Case Bkrs	100%			2047	**	5	\$300	
	Wiring								
	Thermoplastic	100%			2051	**	1		
	Motor Controllers								
	Locally Mounted	100%			2030	**	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	**	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Water Main								
	Explanation : Main Water Pipe								
Lighting									
	Interior Lighting								
	Fluorescent	95%			2033	**	10	\$10,100	
	T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Fluorescent	5%			2033	**	10	\$500	
	Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
	Location : Hallways								
	Egress Lighting								
	Exit, Service	50%			2033	**	1		
	Exit, Battery	50%			2033	**	10	\$400	
	Exterior Lighting								
	HID	100%			2033	**	10		
Alarm									
	Security System								
	Generic	100%			2033	**	1	\$4,300	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : C C T V Surveillance Cameras								
	Fire/Smoke Detection								
	Generic, Digital	100%			2033	**	1-3	\$7,000	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : Smoke Detector, Manual Pull Stations, Horns, Strobe Lights And Alarm Bells								

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2045	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2042	* *	1	\$11,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement Boiler Room								
	Explanation : 1 Unit								
	Distribution								
	Central Plant Steam	100%			2035	* *	4	\$900	
	Piping/Pmp								
	Terminal Devices								
	Convactor/Radiator	100%			2042	* *	1	\$3,700	
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	* *	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	60%			2035	* *	1		
	Galvanized Steel	40%			2030	* *	1		
	Water Heater								
	Electric	100%			2020	\$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%			2033	* *	4	\$200	
	Backflow Preventer								
	Generic	100%			2030	* *	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.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : WILLOWBROOK PARK BOAT HOUSE - 012  
**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** : 2,440 **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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$117,800	
Interior Architecture	\$102,700	
<b>Total</b>	<b>\$220,500</b>	
Importance Code A	\$117,800	
Importance Code B	\$102,700	
<b>Total</b>	<b>\$220,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$41,900			
Interior Architecture	\$20,400			
Electrical				
Mechanical	\$300	\$200	\$200	\$2,400
<b>Total</b>	<b>\$62,600</b>	<b>\$200</b>	<b>\$300</b>	<b>\$2,400</b>
Importance Code A	\$42,100	\$100	\$100	\$200
Importance Code B	\$19,300	\$100	\$100	\$2,200
Importance Code C	\$1,200			
<b>Total</b>	<b>\$62,600</b>	<b>\$200</b>	<b>\$300</b>	<b>\$2,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WILLOWBROOK PARK BOAT HOUSE - 012**  
**Asset # : 1150**

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: Fieldstone	5%	Now	\$5,700	LIFE	**	5	\$200	
		Cracking/Crumbling, Extent : Light, Area Affected : 30%							
	Location : Throughout								
	Wood	95%	Now	\$32,900	2032	**	5	\$15,700	
Split/Cracked, Extent : Light, Area Affected : 10%									
Location : Throughout									
Windows									
Wood	100%	Now	\$3,000	2052	**	5	\$500		
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Roof									
Roll Roofing	10%	0-2	\$300	2023	\$3,000	5	\$600		
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout									
Wood Shingles	90%	Now	\$117,800	2042	**				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout									
Interior									
Floors									
Terrazzo	20%			LIFE	**	5	\$600		
	Wood	80%	2-4	\$102,700	2067	**	5	\$2,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Interior Walls									
Ceramic Tile	10%			2036	**	5	\$100		
	Gypsum Board	5%	Now	LIFE	**	5			
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Masonry: Fieldstone	2%			LIFE	**				
	Wood	83%	Now	\$1,200	LIFE	**	5	\$2,200	
Deteriorated Finish, Extent : Light, Area Affected : 10%									
Location : Flaherty, Christine									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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 BOAT HOUSE - 012**  
**Asset # : 1150**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Interior

## Ceilings

Exposed Struc: Wood

75% Now \$18,300 LIFE \*\*

*Cracking/Crumbling, Extent : Light, Area Affected : 10%**Location : Throughout**Water Penetration, Extent : Light, Area Affected : 10%**Location : Throughout*

Fiber Board

5% 2027 \$1,300

Gypsum Board

20% Now \$800 LIFE \*\* 5 \$1,000

*Cracking/Crumbling, Extent : Light, Area Affected : 10%**Location : Throughout*

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

## Under 600 Volts

## Service Equipment

Molded Case Bkrs

100% 2037 \*\* 5 \$100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : One 200 Amperes Main Disconnect Switch*

## Raceway

Conduit

100% 2037 \*\* 1

## Panelboards

Molded Case Bkrs

100% 2035 \*\* 5 \$100

## Wiring

Thermoplastic

100% 2037 \*\* 1

## Motor Controllers

Locally Mounted

100% 2032 \*\* 5

## Ground

## Grounding Devices

Generic

100% LIFE \*\* 5

## Lighting

## Interior Lighting

Fluorescent

100% 2027 \$5,700 10 \$2,400

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : T-12 Lamps*

## Egress Lighting

Emergency, Battery

50% 2027 \$1,800 10 \$300

Exit, Service

50% 2027 \$400 1

## Exterior Lighting

HID

100% 2027 \$9,200 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 BOAT HOUSE - 012**  
**Asset # : 1150**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2037	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2032	* *	1	\$1,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : One Unit							
	Distribution								
	Hot Wtr Piping/Pump	75%			2035	* *	4	\$100	
	No Component	25%							
	Terminal Devices								
	Convactor/Radiator	50%			2032	* *	1	\$400	
	Fan Coil Unit/Heat	25%			2027	\$9,100	1	\$200	
	Fan Coil Unit/Heat	25%			2027	\$9,100	1	\$200	
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Workroom							
		Explanation : Gas Fired							
Air Conditioning									
	Energy Source								
	Electricity	100%			2043	* *	1		
	Conversion Equipment								
	Window/Wall Unit	25%			2025	\$1,300	1		
	No Component	75%							
Ventilation									
	Exhaust Fans								
	Roof	50%			2027	\$2,000	2		
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2037	* *	1		
	Water Heater								
	Electric	100%			2022	\$2,100	4		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Ceiling Mounted							
		Explanation : One Unit, Instant Heating							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 3,800 **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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$30,400			
Interior Architecture	\$100	\$500		
Electrical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$30,600</b>	<b>\$600</b>	<b>\$100</b>	<b>\$100</b>
Importance Code A	\$30,400			
Importance Code B	\$100	\$600	\$100	\$100
Importance Code C	\$100			
<b>Total</b>	<b>\$30,600</b>	<b>\$600</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**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Exterior

## Exterior Walls

Cast in Place Concrete	3%			LIFE	**	5		\$1,300	
Concrete Masonry Unit	7%			LIFE	**	5		\$400	
Metal Coiling Doors	90%	Now	\$21,900	2040	**	5		\$12,100	

Unit Inoperable, Extent : Light, Area Affected : 25%

Location : Doors 3 And 7

## Windows

Aluminum	100%	4+	\$3,100	2043	**	5		\$1,800	
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Air Infiltration, Extent : Light, Area Affected : 10%

Location : Throughout

## Roof

Metal Panel	100%	Now	\$5,400	2040	**				
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Water Penetration, Extent : Light, Area Affected : 10%

Location : Throughout

## Interior

## Floors

Cast in Place Concrete	90%			LIFE	**	5		\$10,100	
Wood	10%			2055	**	5		\$1,000	

## Interior Walls

Concrete Masonry Unit	90%			LIFE	**	5		\$1,000	
Steel Plate	10%	4+	\$100	LIFE	**	5		\$200	

Corrosion/Rusting, Extent : Light, Area Affected : 10%

Location : Throughout

## Ceilings

Exposed Struc: Steel	100%			LIFE	**				
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Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2037	**	5			
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 400 Amperes Main Disconnect Switch

## Raceway

Conduit	100%			2037	**	1			
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## Panelboards

Fused Disc Sw	10%			2035	**	5			
Molded Case Bkrs	90%			2035	**	5		\$100	

## Wiring

Thermoplastic	100%			2037	**	1			
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## Motor Controllers

Locally Mounted	100%			2032	**	5			
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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**  
**WILLOWBROOK PARK CAROUSEL FOR ALL CHILDREN**  
**Asset # : 4500**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	30%			2027	\$2,200	10	\$900	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : T-12 Lamps							
	Incandescent	70%			2027	\$12,500	2	\$100	
	Egress Lighting								
	Exit, Service	100%			2027	\$900	1		
	Exterior Lighting								
	HID	100%			2027	\$14,300	10		
Alarm									
	Fire/Smoke Detection								
	No Component	70%							
	Generic, Analog	30%			2027	\$11,800	1-3	\$700	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Exterior Architecture	\$355,100	
Interior Architecture	\$54,400	\$37,100
Mechanical		\$58,100
<b>Total</b>	<b>\$409,600</b>	<b>\$95,200</b>
Importance Code A	\$355,100	
Importance Code B	\$54,400	\$95,200
<b>Total</b>	<b>\$409,600</b>	<b>\$95,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Exterior Architecture	\$13,800			
Interior Architecture	\$15,800			
Electrical	\$100	\$100	\$2,600	\$100
Mechanical	\$400	\$300	\$600	\$300
<b>Total</b>	<b>\$30,200</b>	<b>\$400</b>	<b>\$3,200</b>	<b>\$300</b>
Importance Code A	\$13,800			
Importance Code B	\$4,400	\$400	\$3,200	\$300
Importance Code C	\$11,900			
<b>Total</b>	<b>\$30,200</b>	<b>\$400</b>	<b>\$3,200</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**  
**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)	
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	\$267,600	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	\$9,600	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>						

*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**  
**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	Roof								
	Wood Shingles	100%	Now	\$87,500	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 Eaves</i>								
Interior	Floors								
	Wood	100%	4+	\$54,400	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>								
	Interior Walls								
	Gypsum Board	5%			LIFE	**	5	\$100	
	Plaster	65%			LIFE	**	5	\$500	
	Plaster	30%	Now	\$11,900	LIFE	**	5	\$200	
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
	<i>Location : Throughout</i>								
	Ceilings								
	Plaster	20%	Now	\$3,900	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%							

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%			2036	**	5		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
	<i>Location : Basement</i>								
	<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								
	Raceway								
	Conduit	100%			2036	**	1		
	Panelboards								
	Molded Case Bkrs	90%			2034	**	5	\$100	
	Molded Case Bkrs	10%			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**  
**WYCKOFF FARMHOUSE MUSEUM**  
**Asset # : 4532**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Wiring								
	Thermoplastic	100%			2036	* *	1		
Ground									
	Grounding Devices								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	5%			2021	\$500	10	\$200	
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Hallways And Basement							
	Incandescent	5%			2021	\$1,200	2		
	No Component	90%							
	Exterior Lighting								
	Fluorescent	5%			2021	\$700	10		
		Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
	No Component	95%							
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2026	\$2,700	1	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : Intrusion Alarm Only, Motion Sensors							
	Fire/Smoke Detection								
	No Component	80%							
	Generic, Analog	20%			2026	\$9,100	1-3	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallway And Basement							
		Explanation : Smoke Detectors							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	100%			2046	* *	1		
	Conversion Equipment								
	Under Construction	100%							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,300	
	Terminal Devices								
	Air Handler	100%			2026	\$58,100	1	\$2,500	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**WYCKOFF FARMHOUSE MUSEUM**  
**Asset # : 4532**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Interior	20%			2026	\$2,900	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Kitchen And Bath							
		Explanation : Ceiling Fans Serving Kitchen And Bath							
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Electric	100%			2024	\$3,600	4		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$100	4	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Could Not Verify The Existence Of The Sump Pump							
		Explanation : May Be Outside The Building							
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2034	* *	1		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Basement							
		Explanation : Serves Yard Hydrants Only							
	Fixtures								
	Generic	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$37,000			\$13,900
<b>Total</b>	<b>\$37,000</b>			<b>\$13,900</b>
Importance Code A	\$24,000			\$300
Importance Code B	\$1,500			\$500
Importance Code C	\$11,500			\$13,100
<b>Total</b>	<b>\$37,000</b>			<b>\$13,900</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**  
**CARL SCHURZ PARK STONE ARCH BRIDGE**  
**Asset # : 14066**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Brick Pavers								
Stem (breastwall)								
Masonry: Granite	100%	4+	\$1,500	LIFE		* *	3-5	\$1,500
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : South Wall								
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
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Earth	100%			LIFE		* *	5	\$800
Approaches								
Pavement								
Asphalt	100%	4+	\$9,700	2028	\$24,200			
Cracks, Extent : Light, Area Affected : 10%								
Location : At Both Approaches To The Structure								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Both Approaches To The Structure								
Explanation : Uneven Surface								
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		* *		
Other Observation, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Explanation : Joint Erosion								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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+	\$2,100	LIFE	**			
	Joints Missing, Extent : Light, Area Affected : 20%								
	Location : Between And Underneath Coping Stones In Both Parapets								
	Schist/Gneiss	90%	4+	\$6,400	LIFE	**			
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Explanation : Broken / Missing Joint Mortar								
Wearing Surface									
	Asphalt	100%	4+	\$1,800	2031	**	5	\$100	
	Cracks, Extent : Light, Area Affected : 30%								
	Location : Random Locations Throughout								
Fascias									
	Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$8,500	
Superstructure									
	Primary Member								
	Concrete	90%	4+	\$9,600	LIFE	**			
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Transverse Crack At Northern End, Southern End Of Arch Near East Fascia								
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Exposed Reinforcement, Extent : Light, Area Affected : 2%								
	Location : At Center Of Arch								
	Masonry: Granite	10%	4+	\$4,500	LIFE	**	3-5	\$1,000	
	Efflorescence, Extent : Moderate, Area Affected : 40%								
	Location : Underside Of Granite								
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%								
	Location : Underside Of Arch Along Fascia								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$297,300
<b>Total</b>		<b>\$297,300</b>
Importance Code A		\$176,000
Importance Code C		\$121,300
<b>Total</b>		<b>\$297,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$81,800			\$36,800
<b>Total</b>	<b>\$81,800</b>			<b>\$36,800</b>
Importance Code A	\$25,500			
Importance Code B	\$29,200			\$20,600
Importance Code C	\$27,100			\$16,200
<b>Total</b>	<b>\$81,800</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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brownstone	100%	4+	\$26,000	LIFE	* *	3-5	\$66,200	
Cracks, Extent : Light, Area Affected : 25%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
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	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	\$2,400	2024	\$121,300			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Cracking								
Curbs								
Concrete	100%	4+	\$3,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Sidewalks									
Cobblestone	100%	Now	\$20,200	LIFE		**			
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Deck Elements									
Curbs									
Concrete	100%	4+	\$600	2036		**			
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout Joints									
Explanation : Vegetation Growth									
Railings/Parapets									
Brownstone/Sandstone	80%			LIFE		**			
Steel	20%			LIFE		**			
Sidewalks									
Cobblestone	100%	Now	\$2,100	2036		**	5	\$700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 25%									
Location : Random Locations Between Cobblestones									
Explanation : Vegetation Growth									
Wearing Surface									
Asphalt	100%	4+	\$2,300	2024	\$11,700		5	\$200	
Cracks, Extent : Light, Area Affected : 10%									
Location : Throughout									
Fascias									
Brownstone/Sandstone	100%			LIFE		**			
Superstructure									
Deck,Structural									
Masonry: Brick	60%	4+	\$10,600	2024	\$105,600				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Between Girders									
Explanation : Masonry Brick Jack Arches Support The Deck With Broken/ Missing Elements And Efflorescence									
Masonry: Brick	40%			2024	\$70,400				
Joints									
Not Accessible	100%								
Primary Member									
Steel	100%	4+	\$11,100	LIFE		**			
Other Observation, Extent : Moderate, Area Affected : 60%									
Location : Throughout The Visible Portion Of Bottom Flanges									
Explanation : Rust									
Secondary Member									
Steel	100%	4+	\$3,200	LIFE		**	4-8	\$18,100	
Corrosion, Extent : Moderate, Area Affected : 50%									
Location : Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK 110TH ST. ARCH BIN#: 2-24643-0**  
**Asset # : 2675**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

Asset Name : CENTRAL PARK 73 RD ST PED BRIDGE - BOW BRIDGE  
Address : 73RD STREET OVER THE LAKE  
Borough : MANHATTAN Agency's Number : M010-116  
Program / Asset # : PAR0018.S32 / 155 Yr Built/Renovated : 1859 / 1974  
Area Sq Ft : 1,980 Project Type : PARKS AND RECREATION  
Date of Survey : 14-Sep-2015 Landmark Status : SCENIC LANDMARK  
Areas Surveyed :  
Block : Lot : BIN : 2246160

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$11,700	\$3,200		
<b>Total</b>	<b>\$11,700</b>	<b>\$3,200</b>		
Importance Code A				
Importance Code B	\$1,400			
Importance Code C	\$10,300	\$3,200		
<b>Total</b>	<b>\$11,700</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 73 RD ST PED BRIDGE - BOW BRIDGE**  
**Asset # : 155**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%	4+	\$1,400	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 30%								
Location : Throughout								
Joints Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	60%	4+	\$10,300	LIFE		* *		
Joints Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : At Northwest Corner								
Vegetation Growth, Extent : Light, Area Affected : 25%								
Location : At Northwest Corner								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Efflorescence								
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	\$4,700			
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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Cast Iron	100%			LIFE	* *			
Deck Elements									
	Railings/Parapets								
	Cast Iron	100%			LIFE	* *			
	Wearing Surface								
	Wood Deck	100%			2030	* *	5	\$6,500	
Superstructure									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$237,600	\$87,600
<b>Total</b>	<b>\$237,600</b>	<b>\$87,600</b>
Importance Code A		\$39,700
Importance Code B	\$237,600	
Importance Code C		\$47,900
<b>Total</b>	<b>\$237,600</b>	<b>\$87,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$10,600		\$9,300	\$32,700
<b>Total</b>	<b>\$10,600</b>		<b>\$9,300</b>	<b>\$32,700</b>
Importance Code A	\$4,400			
Importance Code B				\$10,500
Importance Code C	\$6,200		\$9,300	\$22,200
<b>Total</b>	<b>\$10,600</b>		<b>\$9,300</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$43,000	
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**	5	\$39,700	
		Roadway/Path, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Approaches								
Pavement								
Asphalt	100%			2027	\$47,900			
		Other Observation, Extent : Light, Area Affected : 15%						
		Location : Throughout						
		Explanation : Cracking						
Curbs								
Concrete	100%	4+	\$1,000	LIFE	**			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
Embankment								
Earth	50%			LIFE	**			
Riprap	50%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2029	**	5	\$1,100	
Sidewalks								
Asphalt	100%	2-4	\$1,200	2024	\$6,200	4	\$4,200	
		Cracks, Extent : Light, Area Affected : 20%						
		Location : Throughout						
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%						
		Location : Throughout						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK ANDRESKI BRIDGE/77 ST STONE ARCH**  
**Asset # : 3028**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Stem,Solid Pier								
	Masonry	100%			LIFE		* *		
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$2,100	2036		* *		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Railings/Parapets								
	Masonry	100%			2029		* *	5	\$1,700
	Sidewalks								
	Asphalt	100%	2-4	\$1,900	2021	\$9,300		4	\$6,300
	Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Wearing Surface								
	Asphalt	100%	4+	\$3,100	2027	\$30,800		5	\$500
	Cracks, Extent : Light, Area Affected : 15%								
	Location : Throughout								
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE		* *	3-5	\$28,700
Superstructure									
	Primary Member								
	Not Accessible	100%							
	Secondary Member								
	Masonry: Brick	100%	Now	\$237,600	LIFE		* *	3-5	\$34,100
	Broken/Missing Elements, Extent : Severe, Area Affected : 35%								
	Location : Throughout								
	Efflorescence, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
	Joints Missing, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Spalling, Extent : Severe, Area Affected : 60%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$98,000
<b>Total</b>		<b>\$98,000</b>
Importance Code C		\$98,000
<b>Total</b>		<b>\$98,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$61,000	\$700		\$18,300
<b>Total</b>	<b>\$61,000</b>	<b>\$700</b>		<b>\$18,300</b>
Importance Code A	\$52,000			
Importance Code C	\$9,000	\$700		\$18,300
<b>Total</b>	<b>\$61,000</b>	<b>\$700</b>		<b>\$18,300</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 BALCONY BRIDGE BIN#: 2-24633-0**  
**Asset # : 2562**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Masonry: Sandstone	100%			LIFE	**	3-5		
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Sandstone	100%			LIFE	**	3-5	\$49,600	
Feature Crossed									
	Bank Protection								
	Earth	50%			LIFE	**	5	\$100	
	Riprap	50%			LIFE	**			
	Mat (scour & erosion)								
	Stream Bed	100%			LIFE	**	5	\$2,200	
	Stream Channel, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Not Visible Due To Cloudy Water								
Approaches									
	Pavement								
	Asphalt	100%			2024	\$98,000			
	Curbs								
	Concrete	100%			LIFE	**			
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Embankment								
	Earth	100%			LIFE	**			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Masonry: Bluestone	85%	0-2	\$21,800	LIFE	**			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	Joints Missing, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Concrete	15%			2029	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BALCONY BRIDGE BIN#: 2-24633-0**  
**Asset # : 2562**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Sidewalks								
	Asphalt	75%	Now	\$5,800	2026	\$5,800	4	\$3,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Asphalt	25%			2024	\$1,900	4	\$2,000	
Deck Elements									
	Curbs								
	Concrete	100%	Now	\$2,200	2036	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout Joints							
		Explanation : Vegetation Growth							
Railings/Parapets									
	Masonry: Bluestone	85%	0-2	\$9,300	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
	Concrete	15%			2029	* *			
Sidewalks									
	Asphalt	95%	Now	\$3,200	2026	\$3,200	4	\$2,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Earth	5%			LIFE	* *	5		
Wearing Surface									
	Asphalt	100%			2027	\$18,000	5	\$600	
Fascias									
	Masonry: Sandstone	100%			LIFE	* *	3-5	\$8,100	
Superstructure									
	Primary Member								
	Masonry: Sandstone	100%	4+	\$18,600	LIFE	* *			
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$9,000	\$9,000
<b>Total</b>	<b>\$9,000</b>	<b>\$9,000</b>
Importance Code B	\$9,000	\$9,000
<b>Total</b>	<b>\$9,000</b>	<b>\$9,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$52,100			\$5,300
<b>Total</b>	<b>\$52,100</b>			<b>\$5,300</b>
Importance Code A	\$1,200			
Importance Code B	\$40,700			\$5,300
Importance Code C	\$10,100			
<b>Total</b>	<b>\$52,100</b>			<b>\$5,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK BRIDGE (NO. 24)**  
**Asset # : 14676**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Joint with Deck									
Single Type	100%			LIFE	**				
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Stem (breastwall)									
Granite	100%	4+	\$7,700	LIFE	**	3-5	\$16,800		
Leakage, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : North Wall									
Explanation : Access Door Observed									
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Piles									
Not Accessible	100%								
Walls									
Granite	100%	4+	\$9,200	LIFE	**				
Joints Missing, Extent : Light, Area Affected : 5%									
Location : Scattered Locations Throughout									
Feature Crossed									
Mat (scour & erosion)									
Single Type	100%			LIFE	**	5	\$1,100		
Approaches									
Pavement									
Brick	50%			2029	**				
Other Observation, Extent : Light, Area Affected : 100%									
Location : South Approach Only									
Explanation : Concrete Pavers Observed									
Concrete	50%	4+	\$900	2037	**	4	\$1,900		
Cracks, Extent : Light, Area Affected : 10%									
Location : North Approach									
Other Observation, Extent : Light, Area Affected : 15%									
Location : North Approach									
Explanation : Floor Gratings Observed									
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Curbs								
	Steel	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Top Of The Primary Members Serve As Curbs, Cast Iron.							
Railings/Parapets									
	Cast Iron	100%			LIFE		* *		
Superstructure									
	Deck,Structural								
	Timber	100%			LIFE		* *		
Primary Member									
	Cast Iron	100%			LIFE		* *	4	\$2,100
Secondary Member									
	Steel	100%			LIFE		* *	4-8	\$117,000
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Steel Beams With Cross Bracing Observed							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$7,700	\$7,700
<b>Total</b>	<b>\$7,700</b>	<b>\$7,700</b>
Importance Code B	\$7,700	\$7,700
<b>Total</b>	<b>\$7,700</b>	<b>\$7,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$44,400			
<b>Total</b>	<b>\$44,400</b>			
Importance Code A	\$14,000			
Importance Code B	\$28,300			
Importance Code C	\$2,200			
<b>Total</b>	<b>\$44,400</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 BRIDGE (NO. 27)**  
**Asset # : 14673**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	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	\$1,600
Approaches									
	Pavement								
	Asphalt	50%	4+	\$800	2029		* *		
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Concrete	50%	4+	\$1,500	2037		* *	4	\$1,500
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Scaling							
	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	\$12,100	LIFE		* *		
		Rust Stains, Extent : Light, Area Affected : 30%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Throughout							
		Explanation : Peeling Paint							
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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
	Cast Iron	100%		LIFE		* *	4	\$3,100	
Corrosion, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
Secondary Member									
	Steel	100%		LIFE		* *	4-8	\$100,200	
Corrosion, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$9,500			\$5,100
<b>Total</b>	<b>\$9,500</b>			<b>\$5,100</b>
Importance Code A	\$1,200			
Importance Code B	\$7,700			\$5,100
Importance Code C	\$700			
<b>Total</b>	<b>\$9,500</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		
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	**	3-15	\$23,700	
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$900	
Approaches								
Pavement								
Asphalt	100%	4+	\$700	2029	**			
Other Observation, Extent : Moderate, Area Affected : 8%								
Location : East Approach								
Explanation : Uneven Surface								
Curbs								
Granite	100%			LIFE	**	5	\$200	
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	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20 Percent Peeling Paint; Top Of Primary Members Serve As Curbs, Cast Iron.								
Railings/Parapets								
Cast Iron	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Superstructure								
Deck,Structural								
Timber	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Timber Deck As Wearing Surface. Dry Rot 30 Percent.								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
	Cast Iron	100%			LIFE	* *	4	\$1,900	
Other Observation, Extent : Light, Area Affected : 15%									
Location : Scattered Locations Throughout									
Explanation : Peeling Paint									
Secondary Member									
	Cast Iron	100%			LIFE	* *	4	\$200	
Other Observation, Extent : Light, Area Affected : 15%									
Location : Scattered Locations Throughout									
Explanation : Peeling Paint									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$104,400			\$20,900
<b>Total</b>	<b>\$104,400</b>			<b>\$20,900</b>
Importance Code A	\$40,200			\$8,900
Importance Code B	\$25,400			\$7,300
Importance Code C	\$38,800			\$4,700
<b>Total</b>	<b>\$104,400</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Stem (breastwall)								
Masonry: Granite	100%	4+	\$25,400	LIFE	* *	3-5	\$23,200	
	Efflorescence, Extent : Light, Area Affected : 8%							
	Location : Random Locations Throughout							
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 8%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 1%							
	Location : Random Locations Throughout							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Schist/Gneiss	100%	4+	\$33,600	LIFE	* *			
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 8%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 8%							
	Location : Random Locations Throughout							
	Explanation : Vegetation Growth							
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	* *	5	\$3,700	
Approaches								
Pavement								
Asphalt	80%	4+	\$2,000	2029	* *			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Earth	20%			LIFE	* *			
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Timber	100%	4+	\$1,100	2029	* *			
	Checks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Splits, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Steel	100%			LIFE		**		
				Corrosion, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 40%					
				Location : Random Locations Throughout					
	Scupper								
	Cast Iron	100%			LIFE		**		
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$1,000	2048		**		
				Cracks, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
	Guide Railing								
	Timber	100%	4+	\$1,300	2048		**		
				Checks, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Splits, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
	Railings/Parapets								
	Steel	100%	4+	\$1,600	LIFE		**		
				Cracks, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 50%					
				Location : Random Locations Throughout					
	Sidewalks								
	Asphalt	100%	4+	\$1,300	2026	\$4,400	4	\$3,000	
				Cracks, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Other Observation, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Explanation : Wheel Ruts					
	Fascias								
	Masonry	100%	4+	\$1,800	LIFE	**	3-5	\$15,000	
				Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
				Other Observation, Extent : Moderate, Area Affected : 1%					
				Location : Random Locations Throughout					
				Explanation : Impact Damage					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK CENTER DR. OVER TRAVERSE 1**  
**Asset # : 14661**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Primary Member								
	Masonry: Brick	30%	2-4	\$33,400	LIFE	* *	3-5	\$28,700	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : West End Of Arch Barrel							
		Explanation : Steel Wiremesh Fall Protection.							
	Not Accessible	70%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Arch Barrel							
		Explanation : Only Brick Fascias Portion Of The Structure Is Visible.							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$36,600	\$82,500
<b>Total</b>	<b>\$36,600</b>	<b>\$82,500</b>
Importance Code B	\$36,600	
Importance Code C		\$82,500
<b>Total</b>	<b>\$36,600</b>	<b>\$82,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$95,600			\$27,100
<b>Total</b>	<b>\$95,600</b>			<b>\$27,100</b>
Importance Code A	\$39,400			
Importance Code B	\$1,500			\$10,500
Importance Code C	\$54,600			\$16,600
<b>Total</b>	<b>\$95,600</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		
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: Brownstone	100%	4+	\$1,500	LIFE	* *	3-5	\$3,900	
Erosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%	4+	\$19,200	LIFE	* *	3-5	\$52,400	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Erosion; Open Joints; Cracking And Crumbling								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	* *	5	\$100	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	75%	4+	\$3,100	2024	\$61,800			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Cracks								
Asphalt	25%			2024	\$20,600			
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Spalling And Vegetation.								
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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Approaches									
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Brownstone/Sandstone	100%	2-4	\$12,800	LIFE		* *		
		Erosion, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Explanation : Vegetation Growth							
	Sidewalks								
	Cobblestone	20%	2-4	\$9,600	LIFE		* *		
		Other Observation, Extent : Severe, Area Affected : 80%							
		Location : Throughout							
		Explanation : Uneven Surface							
	Concrete	80%	4+	\$1,300	LIFE		* *	4	\$2,800
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Explanation : Cracks And Vegetation							
Deck Elements									
	Curbs								
	Concrete w/ Steel Face	100%	4+	\$5,100	LIFE		* *		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Explanation : Spalling And Vegetation							
	Railings/Parapets								
	Brownstone/Sandstone	100%	2-4	\$16,600	LIFE		* *		
		Erosion, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Throughout							
		Explanation : Vegetation							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Sidewalks								
	Cobblestone	35%	2-4	\$5,500	2056	* *	5	\$300	
		Other Observation, Extent : Severe, Area Affected : 80%							
		Location : Throughout							
		Explanation : Uneven Surface; Broken Or Missing Element And Vegetation							
	Concrete	65%	4+	\$1,500	2031	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Explanation : Cracks And Vegetation							
Wearing Surface									
	Asphalt	100%	2-4	\$7,600	2027	\$15,200	5	\$200	
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : At Center Of The Road							
		Explanation : Uneven Surface							
Fascias									
	Brownstone/Sandstone	100%	4+	\$6,900	LIFE	* *			
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Joints Missing, Extent : Light, Area Affected : 15%							
		Location : Throughout							
Superstructure									
	Primary Member								
	Not Accessible	100%							
	Secondary Member								
	Masonry: Brownstone	100%	4+	\$36,600	LIFE	* *	3-5	\$29,200	
		Efflorescence, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Explanation : Cracking/ Crumbling							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges		\$38,300
<b>Total</b>		<b>\$38,300</b>
Importance Code C		\$38,300
<b>Total</b>		<b>\$38,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$70,800		\$400	\$9,200
<b>Total</b>	<b>\$70,800</b>		<b>\$400</b>	<b>\$9,200</b>
Importance Code A	\$700			
Importance Code B	\$56,400			\$9,200
Importance Code C	\$13,700		\$400	
<b>Total</b>	<b>\$70,800</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			
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+	\$8,600	LIFE		* *	3-5	\$3,000
		Joints Missing, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Explanation : Erosion And Chipping							
	Masonry: Brick	85%	2-4	\$34,100	LIFE		* *	3-5	\$14,000
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Efflorescence, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Water Penetration, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Granite	100%	4+	\$12,800	LIFE		* *		
		Erosion, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Feature Crossed									
	Bank Protection								
	Single Type	100%			LIFE		* *	5	\$100
		Roadway/Path, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$800	2024	\$38,300			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Curbs								
Concrete	100%	4+	\$600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Uneven Earth								
Deck Elements								
Curbs								
Concrete	50%	4+		2036	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Granite	50%			LIFE	* *			
Railings/Parapets								
Cast Iron	30%			LIFE	* *			
Granite	70%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Explanation : Spalling And Cracking								
Sidewalks								
Cobblestone	100%			2036	* *	5	\$800	
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Wearing Surface								
Asphalt	100%			2024	\$6,800	5	\$200	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations								

**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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Primary Member								
	Not Accessible	100%							
	Secondary Member								
	Masonry: Brick	95%	2-4	\$13,700	LIFE	* *	3-5	\$11,800	
				Efflorescence, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
				Joints Missing, Extent : Light, Area Affected : 20%					
				Location : Random Locations					
				Spalling, Extent : Light, Area Affected : 20%					
				Location : Random Locations					
				Staining/Scaling, Extent : Light, Area Affected : 20%					
				Location : Random Locations					
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$45,300	\$63,900
<b>Total</b>	<b>\$45,300</b>	<b>\$63,900</b>
Importance Code B	\$45,300	
Importance Code C		\$63,900
<b>Total</b>	<b>\$45,300</b>	<b>\$63,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$36,500	\$1,100	\$5,400	\$22,000
<b>Total</b>	<b>\$36,500</b>	<b>\$1,100</b>	<b>\$5,400</b>	<b>\$22,000</b>
Importance Code A	\$12,000			\$400
Importance Code B	\$12,800			\$11,200
Importance Code C	\$11,800	\$1,100	\$5,400	\$10,400
<b>Total</b>	<b>\$36,500</b>	<b>\$1,100</b>	<b>\$5,400</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Stem (breastwall)									
Masonry: Brick	60%	0-2	\$6,200	LIFE	* *	3-5	\$10,100		
	Efflorescence, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Joints Missing, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Masonry: Brownstone	40%	4+	\$6,600	LIFE	* *	3-5	\$6,700		
	Efflorescence, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Walls									
Brick Veneer	75%	2-4	\$3,200	LIFE	* *	3-5	\$17,500		
	Other Observation, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Explanation : Efflorescence								
Masonry: Sandstone	25%	4+	\$5,200	LIFE	* *	3-5	\$7,100		
	Erosion, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 20%								
	Location : Throughout								
Feature Crossed									
Mat (scour & erosion)									
Asphalt Paving	100%			LIFE	* *	5	\$18,700		
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Approaches									
Pavement									
Asphalt	100%			2024	\$63,900				
Curbs									
Concrete	100%			LIFE	* *				
	Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DRIPROCK ARCH BIN#: 2-24605-0**  
**Asset # : 3021**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Embankment	Earth	90%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Minor Ponding							
	Riprap	10%			LIFE		* *		
Guide Railing									
Timber	Timber	65%	4+	\$3,200	2024	\$15,900			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Dry Rot, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Timber	35%			2024	\$8,600			
Mat (scour & erosion)									
	Not Accessible	100%							
Pavement Base									
	Not Accessible	100%							
Railings/Parapets									
	Sandstone	100%			LIFE		* *		
Sidewalks									
Asphalt	Asphalt	80%			2021	\$3,900	4	\$2,600	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Minor Ponding							
	Cobblestone	20%	4+	\$3,000	LIFE		* *		
		Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Scupper									
Cast Iron	Cast Iron	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Corners							
		Explanation : 4 Catch Basins							
Deck Elements									
Curbs									
Concrete	Concrete	100%			2036		* *		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Guide Railing									
Timber	Timber	100%	4+	\$4,800	2046		* *		
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Dry Rot, Extent : Light, Area Affected : 5%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK DRIPROCK ARCH BIN#: 2-24605-0**  
**Asset # : 3021**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Median								
	Concrete	100%			LIFE	**			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Near Timber Guiderail Post							
	Railings/Parapets								
	Masonry: Sandstone	100%	4+	\$4,000	LIFE	**	3-5	\$1,300	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Explanation : Cracking, Spalling, Joints Missing							
	Sidewalks								
	Asphalt	80%			2024	\$3,200	4	\$3,200	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Minor Ponding							
	Cobblestone	20%			2036	**	5	\$400	
	Wearing Surface								
	Asphalt	100%			2024	\$22,400	5	\$700	
	Fascias								
	Masonry: Brownstone	100%			LIFE	**	3-5	\$8,700	
Superstructure									
	Primary Member								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Assumed Concrete Arch Based On Geometry							
	Secondary Member								
	Masonry: Brick	100%	4+	\$45,300	LIFE	**	3-5	\$19,500	
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Efflorescence, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Explanation : Water Penetration							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$85,500			\$11,300
<b>Total</b>	<b>\$85,500</b>			<b>\$11,300</b>
Importance Code A	\$18,400			
Importance Code B	\$26,500			
Importance Code C	\$40,600			\$11,300
<b>Total</b>	<b>\$85,500</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 EAST DRIVE OVER TRAVERSE 1**  
**Asset # : 14663**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Walls								
Granite	100%	4+	\$26,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joints Missing, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$32,800	LIFE	* *	3-5	\$24,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Northwest Wingwall								
Joints Missing, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	* *	5	\$3,700	
Approaches								
Pavement								
Asphalt	100%			2029	* *			
Curbs								
Concrete	100%	4+	\$1,400	LIFE	* *			
Damaged Railing, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Steel	100%			LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Paint Peeling							
Sidewalks									
	Asphalt	40%	4+	\$100	2026	\$1,800	4	\$1,200	
		Cracks, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
	Cobblestone	20%			LIFE		* *		
	Single Type	40%			LIFE		* *		
		Vegetation Growth, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Scupper									
	Cast Iron	100%			LIFE		* *		
Deck Elements									
	Curbs								
	Concrete	100%			2048		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : East Side							
		Explanation : Curb Present							
Median									
	Cobblestone	100%	4+	\$1,000	2048		* *		
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
		Explanation : Settlement							
Railings/Parapets									
	Steel	100%			LIFE		* *		
		Cracks, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
		Corrosion, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Paint Peeling							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 1**  
**Asset # : 14663**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Deck Elements									
Sidewalks									
Asphalt	50%	4+	\$100	2026	\$2,200	4	\$1,500		
	Cracks, Extent : Light, Area Affected : 4%								
	Location : Random Locations Throughout								
Cobblestone	20%			2048	* *	5	\$400		
	Vegetation Growth, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
Single Type	30%			2033	* *				
	Vegetation Growth, Extent : Light, Area Affected : 100%								
	Location : West Side								
Wearing Surface									
Asphalt	100%			2029	* *	5	\$1,700		
Fascias									
Masonry: Granite	100%	4+	\$6,800	LIFE	* *	3-5	\$12,400		
	Efflorescence, Extent : Light, Area Affected : 3%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 3%								
	Location : East Side Arch								
	Explanation : Vehicular Impact Damage								
Superstructure									
Deck,Structural									
Masonry: Brick	10%	2-4	\$14,100	2029	* *				
	Efflorescence, Extent : Moderate, Area Affected : 10%								
	Location : Random Locations Throughout								
	Joints Missing, Extent : Moderate, Area Affected : 10%								
	Location : Random Locations Throughout								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								
	Explanation : Areas Repaired With Steel Wire Mesh								
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$30,300			\$6,100
<b>Total</b>	<b>\$30,300</b>			<b>\$6,100</b>
Importance Code A	\$7,800			\$2,900
Importance Code C	\$22,500			\$3,300
<b>Total</b>	<b>\$30,300</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Granite	100%			LIFE	**	3-15		
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$12,200	LIFE	**			
Joints Missing, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$3,600	
Approaches								
Pavement								
Asphalt	100%	4+	\$2,400	2029	**			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Scaling								
Curbs								
Concrete	44%			LIFE	**			
Concrete	6%	2-4	\$500	LIFE	**			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Random Locations Throughout								
Granite	50%			LIFE	**	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Approach Only								
Explanation : Granite Masonry Curb								
Embankment								
Single Type	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 EAST DRIVE OVER TRAVERSE 2**  
**Asset # : 14672**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Pavement Base								
	Not Accessible	100%							
	Sidewalks								
	Asphalt	100%	4+	\$900	2026	\$4,400	4	\$3,000	
				Cracks, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
	Scupper								
	Cast Iron	100%			LIFE	* *			
Deck Elements									
	Curbs								
	Granite	100%			LIFE	* *			
	Railings/Parapets								
	Steel	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Random Locations Throughout					
				Explanation : Steel Fence					
	Sidewalks								
	Asphalt	100%	4+	\$900	2026	\$4,400	4	\$3,000	
				Cracks, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
	Wearing Surface								
	Asphalt	100%			2029	* *	5	\$1,600	
	Fascias								
	Masonry: Granite	100%			LIFE	* *	3-15	\$15,800	
				Efflorescence, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
Superstructure									
	Primary Member								
	Masonry: Brick	10%	4+	\$5,400	LIFE	* *	3-5	\$9,300	
				Broken/Missing Elements, Extent : Light, Area Affected : 5%					
				Location : Scattered Locations Throughout					
				Spalling, Extent : Light, Area Affected : 10%					
				Location : Scattered Locations Throughout					
				Other Observation, Extent : Light, Area Affected : 20%					
				Location : East And West Sides					
				Explanation : Steel Mesh Repair Observed					
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$57,200			\$13,000
<b>Total</b>	<b>\$57,200</b>			<b>\$13,000</b>
Importance Code A	\$9,100			\$2,600
Importance Code B	\$10,900			\$7,400
Importance Code C	\$37,200			\$3,000
<b>Total</b>	<b>\$57,200</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 EAST DRIVE OVER TRAVERSE 3**  
**Asset # : 14675**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**			
	Stem (breastwall)								
	Granite	100%	4+	\$10,900	LIFE	**	3-5	\$23,700	
	Joints Missing, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Leakage, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Granite	100%	4+	\$29,500	LIFE	**			
	Joints Missing, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Moderate, Area Affected : 10%								
	Location : Random Locations Throughout								
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**	5	\$3,300	
Approaches									
	Pavement								
	Asphalt	100%			2029	**			
	Curbs								
	Concrete	100%			LIFE	**			
	Embankment								
	Single Type	100%			LIFE	**			
	Guide Railing								
	Timber	100%	4+	\$1,100	2029	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : West Side Only								
	Explanation : Top Timber Rail With Steel Angles Observed. Wood Check On Timber Rail And Post Scattered 5 Percent								
	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		
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	\$1,300	4	\$900		
	Cracks, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Cobblestone	20%	4+	\$900	LIFE	* *				
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Explanation : Missing Elements								
Single Type	50%			LIFE	* *				
Scupper									
Cast Iron	100%			LIFE	* *				
Deck Elements									
Curbs									
Concrete	100%	4+	\$1,000	2048	* *				
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Middle Of Span								
Guide Railing									
Timber	100%			2048	* *				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : At East Side Only								
	Explanation : Timber Rail With Steel Angles Observed								
Railings/Parapets									
Steel	100%			LIFE	* *				
Sidewalks									
Asphalt	30%	4+	\$100	2026	\$1,300	4	\$900		
	Cracks, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
Cobblestone	10%			2048	* *	5	\$200		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : East Side Only								
	Explanation : Sidewalk								
Earth	60%			LIFE	* *	5	\$400		
Wearing Surface									
Asphalt	100%	4+	\$900	2029	* *	5	\$700		
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Middle Of Span								
	Explanation : Uneven Surface With Cracks								
Fascias									
Masonry: Granite	100%			LIFE	* *	3-15	\$14,600		
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
Superstructure									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 3**  
**Asset # : 14675**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
Masonry: Brick		10%			LIFE	* *	3-15	\$13,700	
Other Observation, Extent : Moderate, Area Affected : 98%									
Location : Throughout									
Explanation : Steel Mesh Repair Present									
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$212,400	
<b>Total</b>	<b>\$212,400</b>	
Importance Code A	\$163,400	
Importance Code C	\$49,000	
<b>Total</b>	<b>\$212,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$37,500			\$15,600
<b>Total</b>	<b>\$37,500</b>			<b>\$15,600</b>
Importance Code A	\$8,200			
Importance Code B	\$15,900			\$10,800
Importance Code C	\$13,500			\$4,800
<b>Total</b>	<b>\$37,500</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Stem (breastwall)								
Granite	100%	4+	\$15,900	LIFE	* *	3-5	\$34,500	
Joints Missing, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	75%	4+	\$49,000	LIFE	* *	5	\$2,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Weepholes Observed								
Granite	25%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	* *	5	\$5,100	
Approaches								
Pavement								
Asphalt	100%	4+	\$2,800	2029	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Single Type	100%			LIFE	* *			
Guide Railing								
Timber	100%	4+	\$1,100	2029	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Wood Checks								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		* *		
Sidewalks								
Asphalt	50%	4+	\$100	2026	\$2,200	4	\$1,500	
	Cracks, Extent : Moderate, Area Affected : 5%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Explanation : Uneven Surface							
Single Type	50%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Earth Sidewalk							
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,200	2048		* *		
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Guide Railing								
Timber	100%	4+	\$3,300	2048		* *		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 2%							
	Location : Middle Of Span							
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout							
	Explanation : Wood Checks							
Railings/Parapets								
Steel	100%			LIFE		* *		
Sidewalks								
Asphalt	30%	4+	\$1,000	2026	\$1,600	4	\$1,100	
	Cracks, Extent : Moderate, Area Affected : 40%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Explanation : Uneven Surface And Settlement							
Earth	70%			LIFE		* *	5	\$600
Wearing Surface								
Asphalt	100%	4+	\$1,500	2029		* *	5	\$1,200
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Fascias								
Masonry: Granite	100%			LIFE		* *	3-15	\$23,500

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK EAST DRIVE OVER TRAVERSE 4**  
**Asset # : 14679**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure	Primary Member								
	Brick	10%	2-4	\$163,400	LIFE		* *		
		Other Observation, Extent : Severe, Area Affected : 60%							
		Location : Random Locations Throughout							
		Explanation : Joints Missing 20 Percent. Erosion 40 Percent. Efflorescence 20 Percent							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CENTRAL PARK GAPSTOW BRIDGE  
**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$60,400	
<b>Total</b>	<b>\$60,400</b>	
Importance Code A	\$60,400	
<b>Total</b>	<b>\$60,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$17,100			
<b>Total</b>	<b>\$17,100</b>			
Importance Code A	\$13,400			
Importance Code C	\$3,700			
<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**  
**CENTRAL PARK GAPSTOW BRIDGE**  
**Asset # : 3022**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	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
		Roadway/Path, Extent : Light, Area Affected : 100%							
		Location : Throughout							
Approaches									
	Pavement								
	Asphalt	100%	4+	\$2,400	2027	\$12,000			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Cracking							
	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		* *		
		Joints Missing, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Schist/Gneiss	75%			LIFE		* *		
Deck Elements									
	Railings/Parapets								
	Masonry: Bluestone	25%	0-2	\$1,100	LIFE		* *		
		Joints Missing, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	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**  
**Asset # : 3022**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Asphalt	100%	4+	\$1,300	2024	\$4,400	5	\$100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Fascias									
	Masonry: Stone	100%			LIFE	* *			
Superstructure									
	Primary Member								
	Brick	70%	4+	\$60,400	LIFE	* *			
		Other Observation, Extent : Severe, Area Affected : 60%							
		Location : Throughout							
		Explanation : Spalling, Efflorescence, And Vegetation Growth							
	Masonry: Schist/Gneiss	30%	0-2	\$11,000	LIFE	* *	5	\$300	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$40,500	
<b>Total</b>	<b>\$40,500</b>	
Importance Code C	\$40,500	
<b>Total</b>	<b>\$40,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$39,000			\$4,300
<b>Total</b>	<b>\$39,000</b>			<b>\$4,300</b>
Importance Code A	\$27,500			\$900
Importance Code B	\$3,000			
Importance Code C	\$8,500			\$3,400
<b>Total</b>	<b>\$39,000</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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Walls								
	Masonry	100%	4+	\$3,000	2048		* *		
	Efflorescence, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Erosion, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Random Locations Throughout								
	Explanation : Masonry Granite and Weepholes Observed At Bottom Of East And West Walls,								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Brownstone/Sandstone	100%	4+	\$40,500	LIFE		* *		
	Delaminations, Extent : Light, Area Affected : 2%								
	Location : North Side At Joint								
	Erosion, Extent : Light, Area Affected : 5%								
	Location : South Wall								
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Explanation : Efflorescence And Water Stains								
Feature Crossed									
	Mat (scour & erosion)								
	Asphalt Paving	100%			LIFE		* *	5	\$27,200
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**  
**CENTRAL PARK GLADE ARCH**  
**Asset # : 14664**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Pavement								
	Concrete	30%	4+	\$900	2037	* *	4	\$3,900	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Missing Joints Throughout							
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Random Locations Throughout							
		Explanation : Granite Pavers							
	Concrete	70%	4+	\$1,100	2037	* *	4	\$9,100	
		Settlement, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Random Locations Throughout							
		Explanation : Concrete Paver							
Embankment									
	Earth	100%			LIFE	* *			
Mat (scour & erosion)									
	Single Type	100%			LIFE	* *			
Pavement Base									
	Not Accessible	100%							
Railings/Parapets									
	Brownstone/Sandstone	100%	4+	\$4,700	LIFE	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Joints Missing, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 3%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Cracks							
Sidewalks									
	Concrete	80%	4+	\$900	LIFE	* *	4	\$2,000	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Missing Joints Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Random Locations Throughout							
		Explanation : Bluestone Paver Sidewalk, Gratings Observed East Side Only							
	Masonry	20%	4+	\$1,000	LIFE	* *			
		Broken/Damaged, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Brownstone/Sandstone	100%	4+	\$2,400	LIFE	* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Joints Missing, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Sidewalks									
	Concrete	100%	4+	\$1,300	2033	* *	5	\$100	
	Broken/Missing Elements, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Random Locations Throughout								
	Explanation : Bluestone Pavers Sidewalk								
Wearing Surface									
	Concrete	100%			2037	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Concrete Pavers								
Fascias									
	Masonry: Sandstone	100%	4+	\$3,200	LIFE	* *	3-5	\$10,700	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Efflorescence, Extent : Light, Area Affected : 15%								
	Location : Throughout								
Superstructure									
	Deck,Structural								
	Not Accessible	100%							
Primary Member									
	Masonry: Brick	10%	4+	\$6,800	LIFE	* *	3-5	\$2,900	
	Efflorescence, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Erosion, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Delamination								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$165,200	\$74,000
<b>Total</b>	<b>\$165,200</b>	<b>\$74,000</b>
Importance Code B	\$108,700	
Importance Code C	\$56,600	\$74,000
<b>Total</b>	<b>\$165,200</b>	<b>\$74,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$54,300			\$21,500
<b>Total</b>	<b>\$54,300</b>			<b>\$21,500</b>
Importance Code A	\$25,800			
Importance Code B				\$7,200
Importance Code C	\$28,500			\$14,200
<b>Total</b>	<b>\$54,300</b>			<b>\$21,500</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 GLADE ARCH - 105**  
**Asset # : 880**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Stem (breastwall)									
Masonry: Sandstone	100%			LIFE	* *	3-5			
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Walls									
Masonry: Sandstone	100%	2-4	\$56,600	LIFE	* *	3-5	\$38,400		
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Explanation : Joints Missing									
Feature Crossed									
Mat (scour & erosion)									
Asphalt Paving	100%			LIFE	* *	5	\$11,600		
Roadway/Path, Extent : Light, Area Affected : 100%									
Location : Throughout									
Approaches									
Pavement									
Asphalt	100%			2024	\$74,000				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Asphalt Pavers									
Embankment									
Earth	100%			LIFE	* *				
Mat (scour & erosion)									
Not Accessible	100%								
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Brownstone/Sandstone	60%	0-2	\$18,300	LIFE	* *				
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Joints Missing, Extent : Moderate, Area Affected : 35%									
Location : Throughout									
Cast Stone	40%			LIFE	* *				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Pre-Cast Concrete									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GLADE ARCH - 105**  
**Asset # : 880**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Scupper								
Cast Iron	100%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Northeast Corner								
Explanation : 1 Catch Basin								
Deck Elements								
Railings/Parapets								
Brownstone/Sandstone	60%	Now	\$7,500	LIFE		**		
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Joints Missing, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Cast Stone	40%			LIFE		**		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Pre - Cast Concrete								
Wearing Surface								
Asphalt	100%			2027	\$13,100	5	\$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Asphalt Pavers								
Fascias								
Masonry: Sandstone	100%	0-2	\$28,500	LIFE		**	3-5	\$6,400
Erosion, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Superstructure								
Primary Member								
Not Accessible	100%							
Secondary Member								
Masonry: Brick	100%	Now	\$108,700	LIFE		**	3-5	\$23,400
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Explanation : Cracking / Crumbling								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$42,600			\$10,400
<b>Total</b>	<b>\$42,600</b>			<b>\$10,400</b>
Importance Code A	\$30,700			
Importance Code B	\$2,900			
Importance Code C	\$9,000			\$10,400
<b>Total</b>	<b>\$42,600</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		
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)								
Schist/Gneiss	100%	4+	\$2,900	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Joint Mortar Missing								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE		* *	3-5	\$24,100
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Roadway/Path, Extent : Light, Area Affected : 50%								
Location : Throughout								
Stream Channel, Extent : Light, Area Affected : 50%								
Location : Throughout								
Mat (scour & erosion)								
Asphalt Paving	100%	2-4	\$12,400	LIFE		* *	5	\$4,100
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : At Stone Boulders Along Stream Channel And Throughout								
Explanation : Uneven Surface								
Approaches								
Pavement								
Asphalt	100%	4+	\$2,800	2024	\$28,300			
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Curbs								
Concrete	100%	4+	\$3,700	LIFE		* *		
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
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		
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+	\$2,900	2024	\$14,400			
				Other Observation, Extent : Light, Area Affected : 25%					
				Location : Throughout					
				Explanation : Splitting And Chipping					
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Schist/Gneiss	100%			LIFE		* *		
	Sidewalks								
	Cobblestone	100%	4+	\$1,500	LIFE		* *		
				Other Observation, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
				Explanation : Uneven Surface And Vegetation Growth					
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$2,200	2036		* *		
				Cracking/Crumbling, Extent : Moderate, Area Affected : 10%					
				Location : Throughout					
				Spalling, Extent : Moderate, Area Affected : 5%					
				Location : Throughout					
	Guide Railing								
	Timber	100%	4+	\$2,000	2046		* *		
				Other Observation, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Explanation : Splitting And Chipping					
	Railings/Parapets								
	Schist/Gneiss	100%			LIFE		* *		
	Sidewalks								
	Cobblestone	100%	4+	\$1,900	2046		* *	5	\$400
				Other Observation, Extent : Light, Area Affected : 20%					
				Location : Random Locations					
				Explanation : Uneven Surface And Vegetation Growth					
	Wearing Surface								
	Asphalt	100%	4+	\$2,800	2024	\$7,000	5		\$100
				Cracks, Extent : Light, Area Affected : 10%					
				Location : Random Locations					
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE		* *	3-5	\$9,600
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 GLEN SPAN BRIDGE - 225**  
**Asset # : 178**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Primary Member

Schist/Gneiss

100% 4+ \$7,500 LIFE \* \*

*Efflorescence, Extent : Light, Area Affected : 10%**Location : Fascias**Other Observation, Extent : Light, Area Affected : 10%**Location : Throughout**Explanation : Water Penetration*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CENTRAL PARK GREEN GAP ARCH  
**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges		\$132,400
<b>Total</b>		<b>\$132,400</b>
Importance Code C		\$132,400
<b>Total</b>		<b>\$132,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$93,700	\$1,200	\$10,400	\$38,700
<b>Total</b>	<b>\$93,700</b>	<b>\$1,200</b>	<b>\$10,400</b>	<b>\$38,700</b>
Importance Code A	\$4,800			\$400
Importance Code B	\$68,000			\$18,500
Importance Code C	\$20,900	\$1,200	\$10,400	\$19,800
<b>Total</b>	<b>\$93,700</b>	<b>\$1,200</b>	<b>\$10,400</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**  
**CENTRAL PARK GREEN GAP ARCH**  
**Asset # : 3020**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	80%	2-4	\$32,500	LIFE	* *	3-5	\$26,700	
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Joints Missing, Extent : Severe, Area Affected : 10%							
	Location : Throughout							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Area Under Bridge Is Gated							
Masonry: Sandstone	20%	4+	\$6,500	LIFE	* *	3-5	\$8,100	
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Erosion, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Water Penetration							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%	4+	\$18,300	LIFE	* *	3-5	\$62,000	
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Vegetation Growth, Extent : Moderate, Area Affected : 10%							
	Location : Northwest Wall							
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Explanation : Eroded Mortar Joints And Efflorescence							
Feature Crossed								
Bank Protection								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Roadway Crossed Assumed To Be Asphalt. Not Accessible							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREEN GAP ARCH**  
**Asset # : 3020**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Pavement								
	Asphalt	100%	4+	\$2,600	2024	\$132,400			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Curbs								
	Concrete	100%			LIFE	* *			
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Embankment								
	Earth	100%			LIFE	* *			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Brownstone/Sandstone	100%	4+	\$2,100	LIFE	* *			
		Erosion, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Joints Missing, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Sidewalks								
	Asphalt	100%			2021	\$7,800	4	\$5,200	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Deck Elements									
	Curbs								
	Concrete	100%			2036	* *			
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Median								
	Cobblestone	100%	2-4	\$2,000	2046	* *			
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Railings/Parapets								
	Masonry: Sandstone	100%	4+	\$700	LIFE	* *	3-5	\$1,100	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Explanation : Erosion, Eroded Mortar Joints							
	Sidewalks								
	Asphalt	100%			2024	\$3,600	4	\$3,600	
	Wearing Surface								
	Asphalt	100%			2027	\$25,900	5	\$800	
Superstructure									
	Primary Member								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Concrete Arch Not Visible							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific 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**  
**Asset # : 3020**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Secondary Member									
	Masonry: Brick	95%	2-4	\$27,400	LIFE	* *	3-5	\$23,600	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Joints Missing, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
	Masonry: Brownstone	5%	4+	\$1,500	LIFE	* *	3-5	\$1,200	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : South Fascia							
		Explanation : Water Penetration							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$114,100
<b>Total</b>		<b>\$114,100</b>
Importance Code C		\$114,100
<b>Total</b>		<b>\$114,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$62,300	\$1,100	\$6,900	\$10,700
<b>Total</b>	<b>\$62,300</b>	<b>\$1,100</b>	<b>\$6,900</b>	<b>\$10,700</b>
Importance Code A	\$6,200			
Importance Code B	\$21,300			\$9,700
Importance Code C	\$34,800	\$1,100	\$6,900	\$900
<b>Total</b>	<b>\$62,300</b>	<b>\$1,100</b>	<b>\$6,900</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**  
**CENTRAL PARK GREYSHOT BRIDGE WEST DRIVE**  
**Asset # : 157**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Granite	100%	4+	\$4,100	LIFE	* *	3-5	\$9,000	
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Explanation : Spalling And Cracks								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
	Walls								
	Brownstone/Sandstone	70%	4+	\$29,500	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Throughout								
	Joints Missing, Extent : Moderate, Area Affected : 5%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 35%								
	Location : Throughout								
	Explanation : Efflorescence								
	Granite	30%			LIFE	* *			
Feature Crossed									
	Bank Protection								
	Single Type	100%			LIFE	* *	5	\$100	
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Approaches									
	Pavement								
	Asphalt	100%			2027	\$114,100			
	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		
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		* *			
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Erosion, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Throughout								
Granite	10%			LIFE		* *			
Sidewalks									
Asphalt	100%	4+	\$1,400	2021	\$6,900	4	\$4,600		
	Cracks, Extent : Light, Area Affected : 2%								
	Location : At Ends Of Approaches								
Piers									
Mat (scour & erosion)									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete	100%			2046		* *			
Median									
Cobblestone	100%	4+	\$1,200	2046		* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Throughout								
Railings/Parapets									
Brownstone/Sandstone	75%	4+	\$3,400	LIFE		* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Erosion, Extent : Light, Area Affected : 15%								
	Location : Throughout								
	Joints Missing, Extent : Severe, Area Affected : 20%								
	Location : Throughout								
Granite	25%			LIFE		* *			
Sidewalks									
Asphalt	100%			2024	\$3,300	4	\$3,400		
Wearing Surface									
Asphalt	100%			2027	\$23,700	5	\$700		
Fascias									
Brownstone/Sandstone	80%	4+	\$3,900	LIFE		* *			
	Erosion, Extent : Light, Area Affected : 20%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 2%								
	Location : Throughout								
	Explanation : Efflorescence								
Masonry: Granite	20%			LIFE		* *	3-5	\$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.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYSHOT BRIDGE WEST DRIVE**  
**Asset # : 157**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
Not Accessible		100%							
Secondary Member									
Masonry: Brick		90%	4+	\$11,700	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+	\$5,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$62,700			\$11,900
<b>Total</b>	<b>\$62,700</b>			<b>\$11,900</b>
Importance Code A	\$25,800			\$1,300
Importance Code B	\$1,100			
Importance Code C	\$35,800			\$10,500
<b>Total</b>	<b>\$62,700</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%	4+	\$1,100	LIFE		* *		
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Spalling								
Stem (breastwall)								
Masonry: Sandstone	100%			LIFE		* *	3-15	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%	4+	\$20,600	LIFE		* *	3-5	\$22,500
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Sign Of Water Leakage								
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%	4+	\$5,100	LIFE		* *	5	\$8,300
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	\$4,600	2029		* *		
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYWACKE ARCH - 147**  
**Asset # : 2729**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$700	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Settlement, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
Embankment								
Earth	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Stone	50%	4+	\$1,500	LIFE		* *		
	Spalling, Extent : Light, Area Affected : 1%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Loose/ Eroded Joint Mortar							
Steel	50%	4+	\$800	LIFE		* *		
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout							
	Damaged Railing, Extent : Moderate, Area Affected : 10%							
	Location : North End Of The Approach							
Sidewalks								
Single Type	100%	4+	\$2,000	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : All Corners							
	Explanation : Bluestone Pavers							
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,100	2048		* *		
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Railings/Parapets								
Cast Stone	50%	4+	\$800	LIFE		* *		
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout							
	Explanation : Loose/ Eroded Joint Material							
Steel	50%			LIFE		* *		
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK GREYWACKE ARCH - 147**  
**Asset # : 2729**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Sidewalks								
	Bluestone Paver	100%	4+	\$1,900	LIFE	* *	5	\$300	
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
	Wearing Surface								
	Asphalt	100%			2029	* *	5	\$300	
Fascias									
	Masonry	100%	4+	\$6,600	LIFE	* *	3-5	\$10,800	
		Efflorescence, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout							
		Explanation : Signs Of Leakage							
Superstructure									
	Primary Member								
	Masonry: Brick	20%	2-4	\$10,100	LIFE	* *	3-5	\$4,300	
		Efflorescence, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 8%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Signs Of Leakage							
	Masonry: Sandstone	10%	4+	\$5,800	LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Concrete Repair Failure							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$16,300		\$500	\$2,600
<b>Total</b>	<b>\$16,300</b>		<b>\$500</b>	<b>\$2,600</b>
Importance Code A	\$10,900			
Importance Code B	\$2,600			
Importance Code C	\$2,700		\$500	\$2,600
<b>Total</b>	<b>\$16,300</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Schist/Gneiss	100%	4+	\$2,600	LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Cracks								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Schist/Gneiss	100%			LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Explanation : Vegetation Growth								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		* *		
Roadway/Path, Extent : Light, Area Affected : 50%								
Location : Throughout								
Stream Channel, Extent : Light, Area Affected : 50%								
Location : Throughout								
Mat (scour & erosion)								
Asphalt Paving	50%			LIFE		* *	5	\$2,600
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Explanation : Covered With Loose Sand And Soil								
Riprap	50%			LIFE		* *		
Approaches								
Pavement								
Asphalt	100%	4+	\$1,100	2024	\$22,300			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Cracks								
Curbs								
Concrete	100%	4+	\$2,100	LIFE		* *		
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
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		
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+	\$2,200	2024	\$11,100			
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Explanation : Splitting And Chipping							
	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	**			
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Guide Railing								
	Timber	100%	4+	\$2,300	2036	**			
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Explanation : Splitting And Chipping							
	Railings/Parapets								
	Schist/Gneiss	100%			LIFE	**			
	Sidewalks								
	Cobblestone	100%			2046	**	5	\$900	
	Wearing Surface								
	Asphalt	100%	4+	\$1,600	2024	\$8,100	5	\$100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Approaches							
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE	**	3-5	\$8,500	
Superstructure									
	Primary Member								
	Masonry: Schist/Gneiss	2%	0-2	\$2,600	LIFE	**	5		
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : 19 Feet Measured From South Fascia							
		Explanation : Loose And Cracked Stones							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$93,300
<b>Total</b>		<b>\$93,300</b>
Importance Code C		\$93,300
<b>Total</b>		<b>\$93,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$46,000		\$8,200	\$15,000
<b>Total</b>	<b>\$46,000</b>		<b>\$8,200</b>	<b>\$15,000</b>
Importance Code A	\$40,200			\$8,500
Importance Code B	\$5,800			\$6,200
Importance Code C			\$8,200	\$200
<b>Total</b>	<b>\$46,000</b>		<b>\$8,200</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**  
**CENTRAL PARK INSCOPE ARCH - 005**  
**Asset # : 2719**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Masonry: Bluestone	10%			LIFE	* *	3-5	\$2,000	
	Masonry: Schist/Gneiss	90%	4+	\$5,800	LIFE	* *	3-5	\$17,900	
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Throughout								
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	\$6,200	
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Approaches									
	Pavement								
	Asphalt	100%			2024	\$93,300			
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Curbs								
	Concrete	100%	4+	\$1,400	LIFE	* *			
	Misaligned/Bulging, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Embankment								
	Earth	50%			LIFE	* *			
	Stone Rough Work	50%			LIFE	* *			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Cast Iron	100%	4+	\$9,300	LIFE	* *			
	Damaged Railing, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Sidewalks								
	Asphalt	100%			2021	\$4,400	4	\$3,000	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK INSCOPE ARCH - 005**  
**Asset # : 2719**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Scupper								
	Cast Iron	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Three Catch Basins							
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$3,700	2056		* *		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Median								
	Cobblestone	100%	2-4	\$1,900	2056		* *		
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Railings/Parapets								
	Cast Iron	100%	Now	\$17,500	LIFE		* *		
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Explanation : Collision Damage, Loose Railing							
	Sidewalks								
	Asphalt	100%			2021	\$1,700	4	\$1,100	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Wearing Surface								
	Asphalt	100%			2027	\$15,000	5	\$500	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Fascias								
	Masonry: Stone	100%			LIFE		* *		
Superstructure									
	Primary Member								
	Masonry: Brick	100%	4+	\$6,400	LIFE		* *	3-5	\$27,400
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$2,700	\$1,400		\$5,800
<b>Total</b>	<b>\$2,700</b>	<b>\$1,400</b>		<b>\$5,800</b>
Importance Code A	\$2,700			
Importance Code B				\$5,800
Importance Code C		\$1,400		
<b>Total</b>	<b>\$2,700</b>	<b>\$1,400</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals Concrete	100%	4+	\$1,500	LIFE	**			
		Cracks, Extent : Light, Area Affected : 10% Location : Throughout							
	Backwall Masonry	100%			LIFE	**			
	Brngs,Ancr Blts,Pads Steel	100%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 5% Location : Throughout Explanation : Rust							
	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	
		Spalling, Extent : Light, Area Affected : 5% Location : Begin Abutment Stem							
	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	
		Stream Channel, Extent : Light, Area Affected : 100% Location : Throughout							
Approaches									
	Pavement Asphalt	100%			2027	\$6,200			
	Curbs Concrete	100%	4+	\$1,100	LIFE	**			
		Cracking/Crumbling, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Misaligned/Bulging, Extent : Light, Area Affected : 5% Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK OAK BRIDGE**  
**Asset # : 14504**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Embankment								
	Earth	100%			LIFE		* *		
	Guide Railing								
	Cast Iron	100%			LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Both Approaches								
	Explanation : Two Posts On Each Approach								
	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		* *		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Entire Deck								
	Explanation : Aluminum Grating								
	Railings/Parapets								
	Aluminum	50%			LIFE		* *		
	Steel	30%			LIFE		* *		
	Timber	20%			LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5%								
	Location : At Railings								
	Wearing Surface								
	Wood Deck	100%			2035		* *	5	\$2,900
	Other Observation, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Explanation : Cracking And Rotting								
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$8,400	\$8,400
<b>Total</b>	<b>\$8,400</b>	<b>\$8,400</b>
Importance Code B	\$8,400	\$8,400
<b>Total</b>	<b>\$8,400</b>	<b>\$8,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$43,900			\$6,700
<b>Total</b>	<b>\$43,900</b>			<b>\$6,700</b>
Importance Code A	\$4,900			
Importance Code B	\$37,300			\$5,200
Importance Code C	\$1,700			\$1,500
<b>Total</b>	<b>\$43,900</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		
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+	\$1,200	LIFE	**			
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Missing/ Deteriorated Joint							
	Not Accessible	95%							
	Joint with Deck								
	Single Type	100%			LIFE	**			
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**			
	Stem (breastwall)								
	Masonry: Schist/Gneiss	100%	4+	\$5,400	LIFE	**	3-5	\$16,700	
		Soft Jts Deter/Missing, Extent : Moderate, Area Affected : 8%							
		Location : Random Locations Throughout							
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	
		Soft Jts Deter/Missing, Extent : Moderate, Area Affected : 8%							
		Location : Random Locations Throughout							
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**	5	\$2,000	
Approaches									
	Pavement								
	Asphalt	100%			2029	**			
	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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Cast Iron	98%			LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Top Rails At Midspan							
		Explanation : Joints Observed							
	Cast Iron	2%	4+	\$1,700	LIFE		* *		
		Loss of Section, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Superstructure									
	Deck,Structural								
	Timber	2%	4+	\$1,000	LIFE		* *		
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Shakes And Rotted Timber Planks							
	Timber	98%			LIFE		* *		
	Primary Member								
	Cast Iron	100%			LIFE		* *	4	\$3,600
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Paint Peeling							
	Secondary Member								
	Steel	100%			LIFE		* *	4-8	\$108,900
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Paint Peeling							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges		\$62,000
<b>Total</b>		<b>\$62,000</b>
Importance Code C		\$62,000
<b>Total</b>		<b>\$62,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$27,200	\$600	\$5,600	\$7,800
<b>Total</b>	<b>\$27,200</b>	<b>\$600</b>	<b>\$5,600</b>	<b>\$7,800</b>
Importance Code A	\$10,400			
Importance Code B	\$11,900			\$6,800
Importance Code C	\$4,900	\$600	\$5,600	\$900
<b>Total</b>	<b>\$27,200</b>	<b>\$600</b>	<b>\$5,600</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**  
**CENTRAL PARK PLAYMATES ARCH BIN#: 2-24607-0**  
**Asset # : 177**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Granite	100%	4+	\$3,400	LIFE	* *	3-5	\$7,400	
Joints Missing, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Erosion And Chipping								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brick	100%	4+	\$2,800	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Spalling And Joint Erosion								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	* *	5	\$100	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	100%			2024	\$62,000			
Curbs								
Concrete	50%	4+	\$1,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Granite	50%	4+	\$3,000	LIFE	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Cracks								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Timber	100%	2-4	\$2,300	2024	\$23,300			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Splitting And Chipping								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	80%			LIFE	**			
Granite	20%			LIFE	**			
Sidewalks								
Asphalt	90%			2021	\$4,200	4	\$2,800	
Cobblestone	10%			LIFE	**			
Deck Elements								
Curbs								
Concrete	50%			2046	**			
Granite	50%			LIFE	**			
Guide Railing								
Timber	100%	2-4	\$3,600	2046	**			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : Splitting And Chipping								
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	\$11,400	5	\$400	
Fascias								
Brick	60%	0-2	\$2,100	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	40%			LIFE	**	3-5	\$2,500	
Superstructure								
Primary Member								
Not Accessible	100%							
Secondary Member								
Masonry: Brick	10%	0-2	\$8,500	LIFE	**	3-5	\$1,500	
Efflorescence, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Joints Missing, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$119,200
<b>Total</b>		<b>\$119,200</b>
Importance Code C		\$119,200
<b>Total</b>		<b>\$119,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$32,100		\$11,100	
<b>Total</b>	<b>\$32,100</b>		<b>\$11,100</b>	
Importance Code A	\$31,700			
Importance Code C	\$400		\$11,100	
<b>Total</b>	<b>\$32,100</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**  
**CENTRAL PARK RIFTSTONE ARCH BIN#: 2-24614-0**  
**Asset # : 2674**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Schist/Gneiss	100%			LIFE	* *	3-5		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Walls								
Riprap	25%			LIFE	* *			
Schist/Gneiss	75%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	90%			LIFE	* *	5	\$13,700	
		Roadway/Path, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Cobblestone	10%			LIFE	* *	5	\$100	
		Roadway/Path, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Approaches								
Pavement								
Asphalt	100%			2024	\$119,200			
Curbs								
Concrete	100%	4+	\$3,600	LIFE	* *			
		Cracks, Extent : Moderate, Area Affected : 10%						
		Location : Random Locations						
Embankment								
Stone Rough Work	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Sidewalks								
Asphalt	100%			2021	\$5,600	4	\$3,700	
Deck Elements								
Curbs								
Concrete	100%	2-4	\$3,700	2036	* *			
		Cracks, Extent : Moderate, Area Affected : 10%						
		Location : Throughout						
		Spalling, Extent : Moderate, Area Affected : 10%						
		Location : Throughout						
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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Sidewalks									
	Asphalt	100%			2021	\$2,800	4	\$1,900	
Wearing Surface									
	Asphalt	100%			2024	\$25,500	5	\$800	
Fascias									
	Masonry: Stone	100%			LIFE	* *			
Superstructure									
Primary Member									
	Brownstone/Sandstone	100%	4+	\$24,500	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Explanation : Signs Of Leakage And Loose Stones									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$2,200			
<b>Total</b>	<b>\$2,200</b>			
Importance Code A	\$1,000			
Importance Code C	\$1,200			
<b>Total</b>	<b>\$2,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK RUSTIC BRIDGE (NO. 30)**  
**Asset # : 14681**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$600	
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$2,000	
Pier Protection								
Single Type	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%	4+	\$900	2029	**			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Single Type	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**			
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Side Only								
Explanation : Steel Fence								
Piers								
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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Mat (scour & erosion)								
	Not Accessible	100%							
Piles									
	Not Accessible	100%							
Deck Elements									
	Railings/Parapets								
	Timber	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : Fiberglass					
Sidewalks									
	Fiberglass	100%			2033		* *		
Superstructure									
	Primary Member								
	Not Accessible	100%							
	Secondary Member								
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$221,000	
<b>Total</b>	<b>\$221,000</b>	
Importance Code A	\$130,000	
Importance Code B	\$40,800	
Importance Code C	\$50,200	
<b>Total</b>	<b>\$221,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$11,600			\$4,800
<b>Total</b>	<b>\$11,600</b>			<b>\$4,800</b>
Importance Code A	\$3,000			
Importance Code B	\$5,300			\$4,800
Importance Code C	\$3,300			
<b>Total</b>	<b>\$11,600</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Stem (breastwall)								
	Masonry: Schist/Gneiss	100%	4+	\$5,300	LIFE	* *	3-5	\$6,500	
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Random Locations								
	Explanation : Missing/ Broken Element And Missing Joint Mortar								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Brownstone/Sandstone	100%	2-4	\$50,200	LIFE	* *			
	Joints Missing, Extent : Severe, Area Affected : 10%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
	Location : North Side								
	Vegetation Growth, Extent : Severe, Area Affected : 5%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 15%								
	Location : South Side								
	Explanation : Efflorescence								
Feature Crossed									
	Bank Protection								
	Single Type	100%			LIFE	* *	5	\$100	
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Mat (scour & erosion)								
	Concrete	100%	2-4	\$130,000	LIFE	* *	5	\$300	
	Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
	Location : Throughout								
	Recent Replace Evident, Extent : Light, Area Affected : 40%								
	Location : Random Locations								
	Other Observation, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
	Explanation : Cracking And Crumbling								
Approaches									
	Pavement								
	Asphalt	40%			2024	\$13,300			
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations								
	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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Embankment								
	Earth	50%	4+	\$2,500	LIFE		**		
		Erosion, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
	Riprap	25%			LIFE		**		
	Stone Rough Work	25%	4+	\$300	LIFE		**		
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Loose Elements, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		**		
	Pavement Base								
	Not Accessible	100%							
Deck Elements									
	Railings/Parapets								
	Brownstone/Sandstone	15%	2-4	\$400	LIFE		**		
		Joints Missing, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Cast Iron	35%			LIFE		**		
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Random Locations							
	Timber	50%	2-4	\$2,700	LIFE		**		
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Missing And Lack Lateral Support							
	Wearing Surface								
	Asphalt	40%			2024	\$4,500	5	\$100	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations							
	No Component	60%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Earth Material							
	Fascias								
	Masonry: Stone	50%	4+	\$400	LIFE		**		
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Random Locations							
		Leakage, Extent : Light, Area Affected : 10%							
		Location : Random Locations							
	No Component	50%							
Superstructure									
	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 SPRINGBANKS ARCH - 231**  
**Asset # : 859**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	

Superstructure

Secondary Member

Masonry: Brick

100% 0-2 \$40,800 LIFE \* \* 3-5 \$8,800

*Broken/Missing Elements, Extent : Moderate, Area Affected : 30%**Location : Throughout**Efflorescence, Extent : Moderate, Area Affected : 20%**Location : Throughout**Joints Missing, Extent : Severe, Area Affected : 50%**Location : Throughout**Spalling, Extent : Moderate, Area Affected : 30%**Location : Throughout**Other Observation, Extent : Moderate, Area Affected : 30%**Location : Throughout**Explanation : Erosion*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$63,700	\$260,600
<b>Total</b>	<b>\$63,700</b>	<b>\$260,600</b>
Importance Code B	\$63,700	
Importance Code C		\$260,600
<b>Total</b>	<b>\$63,700</b>	<b>\$260,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$36,000	\$300	\$4,400	\$34,400
<b>Total</b>	<b>\$36,000</b>	<b>\$300</b>	<b>\$4,400</b>	<b>\$34,400</b>
Importance Code A	\$9,500			
Importance Code B	\$21,300			\$24,800
Importance Code C	\$5,300	\$300	\$4,400	\$9,600
<b>Total</b>	<b>\$36,000</b>	<b>\$300</b>	<b>\$4,400</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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Granite	20%			LIFE	**	3-5	\$15,800	
Masonry: Sandstone	80%	4+	\$63,700	LIFE	**	3-5	\$63,400	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Erosion, Extent : Light, Area Affected : 10%								
Location : Lower Portion Of Wall								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Lower Portion Of The Wall								
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%			LIFE	**	3-5	\$30,500	
Erosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Spalling And Joints Missing Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	\$4,100	2027	\$207,300			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Uneven Pavers Surface								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Asphalt Pavers								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Granite Stairs Considered Outside Limits Of Survey								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	10%			2021	\$1,100	4	\$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Sidewalk								
Explanation : Bluestone Pavers								
Asphalt	30%	4+	\$100	2021	\$2,700	4	\$1,800	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Uneven Pavers Surface								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Asphalt Pavers								
Masonry	60%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Sidewalk								
Explanation : Brick								
Scupper								
Cast Iron	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Sidewalk								
Explanation : 3 Catch Basins								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Masonry	100%	4+	\$21,300	LIFE	**			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Misalignment, Spalling, Cracks And Efflorescence.								
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		
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		* *		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : Cast Iron Bollards Considered To Act As Guide Railing					
	Median								
	Granite	100%			LIFE		* *		
	Railings/Parapets								
	Brownstone/Sandstone	95%	4+	\$9,500	LIFE		* *		
				Erosion, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
				Joints Missing, Extent : Moderate, Area Affected : 10%					
				Location : Throughout					
	Granite	5%			LIFE		* *		
	Sidewalks								
	Asphalt	15%			2024	\$900	4	\$900	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : Asphalt Pavers					
	Bluestone Paver	15%			LIFE		* *	5	\$100
	Brick	70%			2046		* *	5	\$700
	Wearing Surface								
	Asphalt	100%	4+	\$1,100	2024	\$53,300	5	\$800	
				Misaligned/Bulging, Extent : Light, Area Affected : 10%					
				Location : Uneven Pavers Surface					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : Asphalt Pavers					
Superstructure									
	Deck,Structural								
	Not Accessible	100%							
	Joints								
	Not Accessible	100%							
	Primary Member								
	Not Accessible	100%							
				Other Observation, Extent : Light, Area Affected : 0%					
				Location :					
				Explanation : Steel Girders Based On Inspection Report					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Secondary Member

Not Accessible

100%

*Other Observation, Extent : Light, Area Affected : 0%*

*Location : Throughout*

*Explanation : Ceiling Is Covered With Ceramic Tiles And Plaster*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges		\$81,300
<b>Total</b>		<b>\$81,300</b>
Importance Code C		\$81,300
<b>Total</b>		<b>\$81,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$16,300		\$100	\$28,900
<b>Total</b>	<b>\$16,300</b>		<b>\$100</b>	<b>\$28,900</b>
Importance Code A	\$10,300			
Importance Code B	\$5,900			
Importance Code C	\$200		\$100	\$28,900
<b>Total</b>	<b>\$16,300</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Stucco Cement	100%			LIFE	* *	3-5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Entire Wall Is Covered With Stucco Cement								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%			LIFE	* *	3-5	\$75,900	
Vegetation Growth, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	60%			LIFE	* *	5	\$10,000	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cobblestone	40%			LIFE	* *	5	\$300	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	100%			2027	\$81,300			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Cracking								
Curbs								
Concrete w/ Steel Face	100%	0-2	\$6,400	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Corroded Sections								
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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Masonry	80%	2-4	\$1,800	2029	* *	5	\$900	
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Explanation : Joints Missing							
Steel	20%			LIFE	* *			
	Vegetation Growth, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
Sidewalks								
Concrete	100%			LIFE	* *	4	\$4,500	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Cracking							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	Now	\$1,500	LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Explanation : Corroded Sections							
Railings/Parapets Masonry	80%	2-4	\$700	2029	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Explanation : Joints Missing							
Steel	20%			LIFE	* *			
	Vegetation Growth, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
Sidewalks								
Concrete	100%			2026	\$8,600	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Explanation : Cracking							
Wearing Surface								
Asphalt	100%			2024	\$13,100	5	\$400	
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Fascias								
Masonry: Brownstone	100%			LIFE	* *	3-5	\$15,200	
	Vegetation Growth, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
Superstructure								
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**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Superstructure	Secondary Member							
	Stucco Cement	100%	4+	\$5,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

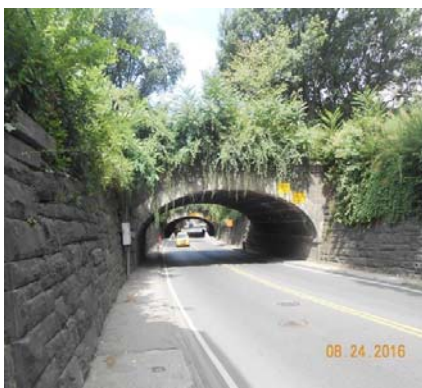
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$34,200			\$15,700
<b>Total</b>	<b>\$34,200</b>			<b>\$15,700</b>
Importance Code A	\$4,800			\$1,100
Importance Code B	\$4,900			
Importance Code C	\$24,500			\$14,600
<b>Total</b>	<b>\$34,200</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**

Park Bridges			Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE		**			
Walls									
Masonry	100%	4+	\$4,900	2048		**			
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 8%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Masonry Sandstone									
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE		**			
Walls									
Masonry: Sandstone	100%	4+	\$22,200	LIFE		**	3-5	\$30,100	
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Feature Crossed									
Mat (scour & erosion)									
Single Type	100%			LIFE		**	5	\$1,900	
Approaches									
Pavement									
Asphalt	50%			2029		**			
Earth	50%			LIFE		**			
Embankment									
Earth	100%			LIFE		**			
Mat (scour & erosion)									
Single Type	100%			LIFE		**			
Railings/Parapets									
Steel	100%			LIFE		**			
Corrosion, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Vegetation Growth, Extent : Light, Area Affected : 60%									
Location : Random Locations Throughout									
Deck Elements									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TRAVERSE 1 BRGE NEAR DAIRY**  
**Asset # : 14662**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Steel	100%	4+	\$1,600	LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 60%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : West Side							
		Explanation : Spall At Steel Posts Concrete Footing							
Wearing Surface									
	Asphalt	50%			2029		* *	5	\$300
	Asphalt	50%			2029		* *	5	\$300
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Random Locations Throughout							
		Explanation : Earth							
Fascias									
	Masonry	100%	4+	\$2,000	LIFE		* *	3-5	\$16,400
		Efflorescence, Extent : Moderate, Area Affected : 30%							
		Location : Arch Barrel Stone Masonry Fascias							
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 30%							
		Location : Arch Barrel Stone Masonry Fascias							
		Other Observation, Extent : Moderate, Area Affected : 8%							
		Location : Arch Barrel Stone Masonry Fascias							
		Explanation : Loose/ Eroded Joints							
Superstructure									
	Primary Member								
	Masonry: Brick	10%			LIFE		* *	3-15	\$6,000
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Not Accessible	90%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : 100 Percent Of Arch Barrel Covered With Fall Protection steel wiremesh							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges		\$162,600
<b>Total</b>		<b>\$162,600</b>
Importance Code A		\$44,400
Importance Code C		\$118,200
<b>Total</b>		<b>\$162,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$90,700		\$16,600	\$14,600
<b>Total</b>	<b>\$90,700</b>		<b>\$16,600</b>	<b>\$14,600</b>
Importance Code A	\$16,400			
Importance Code B	\$41,200			\$12,900
Importance Code C	\$33,200		\$16,600	\$1,800
<b>Total</b>	<b>\$90,700</b>		<b>\$16,600</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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Brick	100%	2-4	\$34,800	LIFE	**	3-5	\$14,300	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Random Locations								
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations								
Joints Missing, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Efflorescence								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	4+	\$26,300	LIFE	**			
Erosion, Extent : Light, Area Affected : 2%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Explanation : Spalling And Efflorescence								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
Mat (scour & erosion)								
Asphalt Paving	25%	4+	\$6,200	LIFE	**	5	\$4,000	
Cracks, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Concrete	75%			LIFE	**	5	\$600	
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 TREFOIL ARCH BIN#: 2-24617-0**  
**Asset # : 860**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2024	\$118,200			
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
Curbs								
Concrete	100%	4+	\$600	LIFE		* *		
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
Embankment								
Earth	100%			LIFE		* *		
Guide Railing								
Timber	100%	4+	\$4,400	2024	\$44,400			
	Dry Rot, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Splits, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	80%	4+	\$1,900	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations							
	Erosion, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random Locations							
Cast Iron	20%			LIFE		* *		
Sidewalks								
Asphalt	100%			2021	\$8,900	4	\$6,000	
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random Locations							
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Random Locations							
	Explanation : Uneven Surface							
Deck Elements								
Curbs								
Concrete	100%	4+	\$200	2036		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK TREFOIL ARCH BIN#: 2-24617-0**  
**Asset # : 860**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Guide Railing								
	Timber	100%	4+	\$2,100	2036		* *		
		Dry Rot, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Splits, Extent : Light, Area Affected : 20%							
		Location : Throughout							
Median									
	Concrete	100%	4+	\$200	LIFE		* *		
		Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations							
Railings/Parapets									
	Brownstone/Sandstone	80%	4+	\$800	LIFE		* *		
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Random Locations							
	Cast Iron	20%			LIFE		* *		
Sidewalks									
	Asphalt	100%			2021	\$3,600	4	\$2,400	
		Cracks, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations							
		Explanation : Uneven Surface							
Wearing Surface									
	Asphalt	100%	4+	\$400	2024	\$20,300	5	\$300	
		Cracks, Extent : Light, Area Affected : 15%							
		Location : Random Locations							
Fascias									
	Masonry: Brownstone	100%	4+	\$6,400	LIFE		* *	3-5	\$5,600
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Erosion, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Vegetation Growth, Extent : Severe, Area Affected : 40%							
		Location : Throughout							
Superstructure									
	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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Secondary Member

Masonry: Brick

100% 2-4 \$6,300 LIFE \* \* 3-5 \$27,300

*Broken/Missing Elements, Extent : Light, Area Affected : 2%**Location : Random Locations**Staining/Scaling, Extent : Light, Area Affected : 15%**Location : Random Locations**Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : Wood Board Veneer*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$24,400			\$10,400
<b>Total</b>	<b>\$24,400</b>			<b>\$10,400</b>
Importance Code A	\$7,500			
Importance Code B	\$900			
Importance Code C	\$16,000			\$10,400
<b>Total</b>	<b>\$24,400</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Stem (breastwall)								
	Concrete	100%	4+	\$900	LIFE		* *	5	\$200
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Schist/Gneiss	100%	4+	\$7,000	LIFE		* *	3-5	\$19,800
	Efflorescence, Extent : Light, Area Affected : 4%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *	5	\$1,400
Approaches									
	Pavement								
	Asphalt	100%			2029		* *		
	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		* *		
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Explanation : Broken/missing Element								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	40%	4+	\$100	LIFE	**	4	\$500	
	Cracks, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 1% Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 100% Location : South Side							
Masonry	60%			LIFE	**			
	Vegetation Growth, Extent : Light, Area Affected : 50% Location : North Side							
	Other Observation, Extent : Light, Area Affected : 100% Location : North Side							
	Explanation : Specifically, Granite							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,200	LIFE	**			
	Misaligned/Bulging, Extent : Moderate, Area Affected : 25% Location : North Side							
	Vegetation Growth, Extent : Moderate, Area Affected : 20% Location : Throughout North And South Side Of Bridge							
Railings/Parapets								
Granite	100%	4+	\$1,300	LIFE	**			
	Joints Missing, Extent : Light, Area Affected : 8% Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 20% Location : Random Locations Throughout							
Sidewalks								
Grating w/ Concrete	100%	4+	\$1,000	2048	**			
	Other Observation, Extent : Light, Area Affected : 10% Location : Random Locations Throughout							
	Explanation : Cracking And Spalling							
Wearing Surface								
Asphalt	100%			2029	**	5	\$300	
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	**	3-15	\$21,500	
	Efflorescence, Extent : Light, Area Affected : 10% Location : Random Locations Throughout							
Superstructure								
Primary Member								
Concrete	100%	4+	\$3,200	LIFE	**			
	Cracks, Extent : Light, Area Affected : 10% Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$112,300	
<b>Total</b>	<b>\$112,300</b>	
Importance Code B	\$39,000	
Importance Code C	\$73,400	
<b>Total</b>	<b>\$112,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$42,100			\$12,200
<b>Total</b>	<b>\$42,100</b>			<b>\$12,200</b>
Importance Code A	\$21,500			\$7,700
Importance Code C	\$20,600			\$4,500
<b>Total</b>	<b>\$42,100</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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Walls								
	Granite	100%	4+	\$39,000	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
	Joints Missing, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Granite	100%	4+	\$73,400	LIFE		* *		
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Northeast Wingwall								
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Joints Missing, Extent : Light, Area Affected : 8%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *	5	\$4,500
Approaches									
	Pavement								
	Asphalt	100%	4+	\$3,300	2029		* *		
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Settlement, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 1**  
**Asset # : 14659**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Curbs									
	Concrete	50%	4+	\$1,400	LIFE	* *			
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Granite	50%	4+	\$700	LIFE	* *	5	\$100	
		Broken/Missing Elements, Extent : Severe, Area Affected : 8%							
		Location : Northeast Approach							
		Settlement, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
Embankment									
	Single Type	100%			LIFE	* *			
Railings/Parapets									
	Timber	100%			LIFE	* *			
		Dry Rot, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Splits, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Sidewalks									
	Asphalt	50%	4+	\$2,200	2028	\$2,200	4	\$1,500	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : South Approach Sidewalk							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Vegetation Growth							
	Single Type	50%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Earth							
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 WEST DRIVE OVER TRAVERSE 1**  
**Asset # : 14659**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Curbs								
	Concrete	50%	4+	\$1,000	2048		* *		
		Cracks, Extent : Light, Area Affected : 4% Location : Random Locations Throughout Spalling, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							
	Granite	50%	4+	\$700	LIFE		* *		
		Broken/Missing Elements, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Settlement, Extent : Light, Area Affected : 20% Location : Random Locations Throughout Vegetation Growth, Extent : Moderate, Area Affected : 2% Location : Random Locations Throughout							
Median									
	Cobblestone	100%	4+	\$1,000	2048		* *		
		Vegetation Growth, Extent : Light, Area Affected : 20% Location : Throughout							
Railings/Parapets									
	Steel	100%			LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 10% Location : Random Locations Throughout Vegetation Growth, Extent : Severe, Area Affected : 75% Location : Fence On West Side And Steel Guide Rail On East							
Sidewalks									
	Asphalt	50%	4+	\$700	2026	\$2,200	4	\$1,500	
		Cracks, Extent : Light, Area Affected : 15% Location : Random Locations Throughout							
	Single Type	50%			2033		* *		
		Other Observation, Extent : Light, Area Affected : 100% Location : East And West Sides Of Deck Explanation : Grass Area Exists							
Wearing Surface									
	Asphalt	100%	4+	\$1,400	2029		* *	5	\$1,100
		Cracks, Extent : Light, Area Affected : 10% Location : Random Locations Throughout							
Fascias									
	Masonry: Schist/Gneiss	100%	4+	\$12,900	LIFE		* *	3-5	\$14,500
		Efflorescence, Extent : Light, Area Affected : 1% Location : Random Locations Throughout Impact Damage, Extent : Light, Area Affected : 1% Location : Under West Arch Barrel Spalling, Extent : Light, Area Affected : 2% Location : Random Locations Throughout Vegetation Growth, Extent : Light, Area Affected : 2% Location : Random Locations Throughout							

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 1**  
**Asset # : 14659**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Primary Member								
	Masonry: Brick	20%	2-4	\$14,400	LIFE	* *	3-5	\$24,900	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Joints Missing, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Explanation : Steel Wiremesh Fall Protection							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$105,000			\$15,600
<b>Total</b>	<b>\$105,000</b>			<b>\$15,600</b>
Importance Code A	\$28,900			\$3,500
Importance Code B	\$29,800			\$8,100
Importance Code C	\$46,300			\$4,000
<b>Total</b>	<b>\$105,000</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 WEST DRIVE OVER TRAVERSE 2**  
**Asset # : 14670**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Stem (breastwall)								
Granite	100%	4+	\$29,800	LIFE	* *	3-5	\$25,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Joints Missing, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$29,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Joints Missing, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	* *	5	\$4,200	
Approaches								
Pavement								
Asphalt	50%	4+	\$1,500	2029	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Steel	75%			LIFE		* *			
	Vegetation Growth, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Timber	25%			LIFE		* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : East Side Only								
	Explanation : Timber Railing								
Sidewalks									
Asphalt	50%	4+	\$400	2026	\$2,200	4	\$1,500		
	Erosion, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Explanation : Unevenness								
Single Type	50%			LIFE		* *			
Piers									
Footings									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete	100%			2048		* *			
Railings/Parapets									
Steel	75%			LIFE		* *			
	Other Observation, Extent : Light, Area Affected : 80%								
	Location : Random Locations Throughout								
	Explanation : Vegetation Growth								
Timber	25%	4+	\$300	LIFE		* *			
	Checks, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Splits, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Sidewalks									
Asphalt	55%			2026	\$2,400	4	\$1,600		
Earth	45%			LIFE	* *	5	\$300		
Wearing Surface									
Asphalt	100%	4+	\$1,300	2029	* *	5	\$1,000		
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 2**  
**Asset # : 14670**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Fascias								
	Masonry: Granite	100%	4+	\$13,800	LIFE	* *	3-5	\$10,200	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : East Fascia								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Moderate, Area Affected : 1%								
	Location : East Fascia								
	Explanation : Impact Damage								
Superstructure									
	Primary Member								
	Masonry: Brick	10%	2-4	\$26,500	LIFE	* *	3-5	\$11,400	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Recent Repair Evident, Extent : Light, Area Affected : 20%								
	Location : At Middle Of Span								
	Spalling, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Delamination And Area With Damaged Protection Netting								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$54,300			\$15,300
<b>Total</b>	<b>\$54,300</b>			<b>\$15,300</b>
Importance Code A	\$36,100			\$2,500
Importance Code B	\$3,000			
Importance Code C	\$15,200			\$12,800
<b>Total</b>	<b>\$54,300</b>			<b>\$15,300</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 WEST DRIVE OVER TRAVERSE 3**  
**Asset # : 14674**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry	100%	4+	\$3,000	LIFE	**			
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Masonry Sandstone								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Sandstone	100%	4+	\$7,800	LIFE	**	3-5	\$26,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 60%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$3,300	
Approaches								
Pavement								
Asphalt	100%	4+	\$2,100	2029	**			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%	2-4	\$1,400	LIFE	**			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Scaling								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Timber	100%	4+	\$1,100	2029	**			
Splits, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 3**  
**Asset # : 14674**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Steel	100%	2-4	\$6,200	LIFE		* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%									
Location : Northeast Corner									
Other Observation, Extent : Moderate, Area Affected : 25%									
Location : The East Side									
Explanation : Exposed Fence Footing									
Sidewalks									
Asphalt	50%	4+	\$1,300	2026	\$2,200	4	\$1,500		
Cracks, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
Asphalt	50%			2026	\$2,200	4	\$1,500		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Earth									
Deck Elements									
Curbs									
Concrete	100%	2-4	\$2,000	2048		* *			
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 50%									
Location : Random Locations Throughout									
Explanation : Bluestone Pavers									
Guide Railing									
Timber	100%	2-4	\$2,700	2048		* *			
Splits, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Railings/Parapets									
Steel	100%	2-4	\$11,700	LIFE		* *			
Corrosion, Extent : Light, Area Affected : 20%									
Location : The East Side									
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : The East Side									
Explanation : The East Side									
Sidewalks									
Asphalt	50%	4+	\$100	2026	\$2,200	4	\$1,500		
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Earth	50%			LIFE	* *	5	\$300		
Wearing Surface									
Asphalt	100%	4+	\$2,200	2029	* *	5	\$700		
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 3**  
**Asset # : 14674**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Fascias								
	Masonry	100%	4+	\$1,500	LIFE	* *	3-5	\$12,000	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Fascias Portions Of Arch Barrel							
		Explanation : Loose/ Eroded Joint Mortar							
Superstructure									
	Primary Member								
	Masonry: Brick	10%	2-4	\$9,400	LIFE	* *	3-5	\$8,100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
	Not Accessible	90%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Arch Barrel							
		Explanation : Only Brick Fascias Portion Of The Arch Is Visible							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$56,700			\$5,500
<b>Total</b>	<b>\$56,700</b>			<b>\$5,500</b>
Importance Code A	\$31,900			
Importance Code C	\$24,900			\$5,500
<b>Total</b>	<b>\$56,700</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**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 4**  
**Asset # : 14680**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Stem (breastwall)									
Granite	100%			LIFE	**	3-15			
Joints Missing, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Walls									
Concrete	50%	4+	\$3,300	LIFE	**	5	\$1,700		
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Granite	50%	4+	\$7,100	LIFE	**				
Joints Missing, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Feature Crossed									
Mat (scour & erosion)									
Single Type	100%			LIFE	**	5	\$3,600		
Approaches									
Pavement									
Asphalt	100%	4+	\$4,500	2029	**				
Cracks, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
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	**				
Dry Rot, Extent : Light, Area Affected : 5%									
Location : Northeast Approach									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WEST DRIVE OVER TRAVERSE 4**  
**Asset # : 14680**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Sidewalks								
	Asphalt	50%			2026	\$2,200	4	\$1,500	
	Single Type	50%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Earth Sidewalk								
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$1,100	2048	* *			
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
	Location : Middle Of Span, West Curb								
	Guide Railing								
	Timber	100%	4+	\$3,100	2048	* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 10%								
	Location : Near North Approach								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : East Side Only								
	Explanation : Timber Guiderail								
	Railings/Parapets								
	Steel	100%			LIFE	* *			
	Sidewalks								
	Asphalt	50%	4+	\$500	2026	\$2,600	4	\$1,800	
	Cracks, Extent : Light, Area Affected : 100%								
	Location : Scattered Locations Throughout								
	Earth	50%			LIFE	* *	5	\$400	
	Wearing Surface								
	Asphalt	100%	4+	\$900	2029	* *	5	\$700	
	Cracks, Extent : Light, Area Affected : 8%								
	Location : Random Locations Throughout								
	Fascias								
	Masonry: Granite	100%	4+	\$8,400	LIFE	* *	3-5	\$15,400	
	Efflorescence, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
Superstructure									
	Primary Member								
	Brick	10%	2-4	\$25,800	LIFE	* *			
	Other Observation, Extent : Severe, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Efflorescence 5 Percent. Spalling 30 Percent. Joints Missing 10 Percent. 95 Percent Under Repair With Metal Screening								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$86,500
<b>Total</b>		<b>\$86,500</b>
Importance Code C		\$86,500
<b>Total</b>		<b>\$86,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$62,400	\$1,100	\$6,900	\$12,300
<b>Total</b>	<b>\$62,400</b>	<b>\$1,100</b>	<b>\$6,900</b>	<b>\$12,300</b>
Importance Code A	\$6,900			
Importance Code B	\$35,500			\$11,900
Importance Code C	\$20,000	\$1,100	\$6,900	\$400
<b>Total</b>	<b>\$62,400</b>	<b>\$1,100</b>	<b>\$6,900</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 WEST DRIVEDALEHEAD ARCH**  
**Asset # : 159**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	80%	2-4	\$9,600	LIFE	**	3-5	\$15,800	
Joints Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brownstone	20%	2-4	\$3,800	LIFE	**	3-5	\$3,900	
Erosion, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Brownstone/Sandstone	100%	4+	\$12,900	LIFE	**			
Erosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joints Missing, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Efflorescent								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	**	5	\$100	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	\$1,700	2024	\$86,500			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Cracks								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$4,600	LIFE	**			
Erosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sidewalks								
Asphalt	100%	4+	\$1,400	2021	\$6,900	4	\$4,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : At Beginning And End Approaches								
Deck Elements								
Curbs								
Concrete	100%			2036	**			
Median								
Cobblestone	100%			2046	**			
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$2,200	LIFE	**			
Erosion, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Sidewalks								
Asphalt	100%			2024	\$3,300	4	\$3,400	
Wearing Surface								
Asphalt	100%			2027	\$23,700	5	\$700	
Fascias								
Brownstone/Sandstone	100%	4+	\$4,000	LIFE	**			
Erosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Efflorescence								
Superstructure								
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 WEST DRIVEDALEHEAD ARCH**  
**Asset # : 159**

Park Bridges		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		
Superstructure									
Secondary Member									
Masonry: Brick		80%	2-4	\$17,400	LIFE	* *	3-5	\$15,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Fascias And Arches									
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Masonry: Brownstone		20%	4+	\$4,600	LIFE	* *	3-5	\$3,700	
Erosion, Extent : Moderate, Area Affected : 15%									
Location : Throughout									
Spalling, Extent : Severe, Area Affected : 15%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 25%									
Location : Throughout									
Explanation : Recent Repair Evident									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$45,300
<b>Total</b>		<b>\$45,300</b>
Importance Code C		\$45,300
<b>Total</b>		<b>\$45,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$58,900	\$600	\$6,800	\$12,400
<b>Total</b>	<b>\$58,900</b>	<b>\$600</b>	<b>\$6,800</b>	<b>\$12,400</b>
Importance Code A	\$9,300			
Importance Code B	\$49,600			\$8,900
Importance Code C		\$600	\$6,800	\$3,400
<b>Total</b>	<b>\$58,900</b>	<b>\$600</b>	<b>\$6,800</b>	<b>\$12,400</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 WILLOWDELL ARCH**  
**Asset # : 3026**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Masonry: Brick	70%	4+	\$11,200	LIFE	* *	3-5	\$9,200	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Efflorescence, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Joints Missing, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Masonry: Sandstone	30%	4+	\$3,800	LIFE	* *	3-5	\$4,800	
	Efflorescence, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
	Walls								
	Brick	80%			LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Explanation : Efflorescence								
	Masonry: Sandstone	20%			LIFE	* *	3-5	\$5,100	
Feature Crossed									
	Mat (scour & erosion)								
	Asphalt Paving	100%			LIFE	* *	5	\$3,900	
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Approaches									
	Pavement								
	Asphalt	100%			2024	\$45,300			
	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		
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+	\$2,600	2024	\$25,500			
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Dry Rot, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Pavement Base Not Accessible	100%							
Railings/Parapets Timber	100%			LIFE	**			
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Dry Rot, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Sidewalks Asphalt	100%			2021	\$5,100	4	\$3,400	
Scupper Cast Iron	100%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : West Curbline							
	Explanation : Two Catch Basins							
Deck Elements								
Curbs Concrete	100%			2036	**			
Guide Railing Timber	100%	4+	\$3,000	2046	**			
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Dry Rot, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Median Concrete	100%	2-4	\$1,700	LIFE	**			
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Throughout Especially At Post Bases							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Railings/Parapets Timber	100%	Now	\$2,000	LIFE	**			
	Cracks, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
	Dry Rot, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Sidewalks Asphalt	100%			2024	\$1,700	4	\$1,700	
Wearing Surface Asphalt	100%			2027	\$6,300	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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Fascias								
	Masonry: Sandstone	100%			LIFE	* *	3-5	\$5,600	
Superstructure									
	Primary Member								
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Throughout						
			Explanation : Concrete Arch Based On Geometry						
	Secondary Member								
	Masonry: Brick	100%	Now	\$34,500	LIFE	* *	3-5	\$14,900	
			Efflorescence, Extent : Moderate, Area Affected : 25%						
			Location : Throughout						
			Joints Missing, Extent : Severe, Area Affected : 25%						
			Location : Throughout West Side						
			Spalling, Extent : Moderate, Area Affected : 20%						
			Location : Throughout West Side						
			Vegetation Growth, Extent : Moderate, Area Affected : 10%						
			Location : Throughout						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges		\$35,800
<b>Total</b>		<b>\$35,800</b>
Importance Code C		\$35,800
<b>Total</b>		<b>\$35,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$26,200		\$1,200	\$10,000
<b>Total</b>	<b>\$26,200</b>		<b>\$1,200</b>	<b>\$10,000</b>
Importance Code A	\$900			
Importance Code B	\$12,900			\$5,700
Importance Code C	\$12,400		\$1,200	\$4,300
<b>Total</b>	<b>\$26,200</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		
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		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Erosion And 8 Weep Holes								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$9,600	LIFE	* *			
Erosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joints Missing, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE	* *	5	\$100	
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Mat (scour & erosion)								
Asphalt Paving	25%			LIFE	* *	5	\$5,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Cobblestone	5%			LIFE	* *	5	\$100	
Earth	70%			LIFE	* *	5	\$2,100	
Approaches								
Pavement								
Asphalt	100%			2024	\$35,800			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Curbs								
Concrete	100%	4+	\$200	LIFE	* *			
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Explanation : Joints Missing								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WINTERDALE ARCH BIN#: 2-24636-0**  
**Asset # : 251**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Embankment								
	Earth	100%			LIFE	* *			
	Guide Railing								
	Steel	50%			LIFE	* *			
	Timber	50%	4+	\$200	2024	\$8,300			
	Splits, Extent : Light, Area Affected : 10%								
	Location : Random Locations								
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Cast Iron	100%			LIFE	* *			
	Sidewalks								
	Cobblestone	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations								
	Explanation : Settlement								
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$200	2036	* *			
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations								
	Other Observation, Extent : Light, Area Affected : 2%								
	Location : Random Locations								
	Explanation : Joints Missing								
	Guide Railing								
	Steel	50%			LIFE	* *			
	Timber	50%	4+	\$300	2036	* *			
	Splits, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Railings/Parapets								
	Cast Iron	100%			LIFE	* *			
	Sidewalks								
	Cobblestone	100%			2046	* *	5	\$2,400	
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations								
	Explanation : Settlement								
	Wearing Surface								
	Asphalt	100%			2024	\$23,500	5	\$700	
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK WINTERDALE ARCH BIN#: 2-24636-0**  
**Asset # : 251**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Fascias									
	Masonry: Brownstone	50%	4+	\$2,500	LIFE	* *	3-5	\$6,700	
	Efflorescence, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Erosion, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Joints Missing, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Masonry: Granite	50%			LIFE	* *	3-5	\$6,900	
Superstructure									
Primary Member									
	Not Accessible	100%							
Secondary Member									
	Masonry: Brick	20%	0-2	\$12,900	LIFE	* *	3-5	\$3,700	
	Efflorescence, Extent : Severe, Area Affected : 80%								
	Location : Throughout								
	Spalling, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Explanation :								
	Cracking and Crumbling 20%								
	Other Observation, Extent : Severe, Area Affected : 80%								
	Location : Throughout								
	Explanation : Erosion And Water Infiltration								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

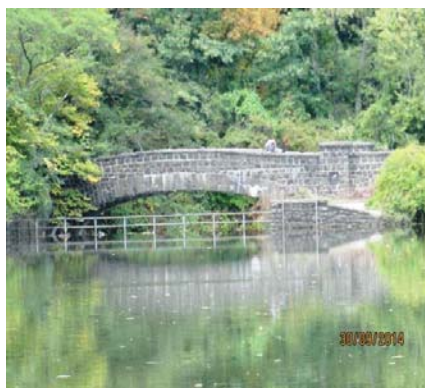
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$11,300			\$8,500
<b>Total</b>	<b>\$11,300</b>			<b>\$8,500</b>
Importance Code A	\$3,800			
Importance Code B	\$2,700			
Importance Code C	\$4,800			\$8,500
<b>Total</b>	<b>\$11,300</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		
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+	\$2,700	LIFE		* *			
	Efflorescence, Extent : Severe, Area Affected : 70%								
	Location : Throughout								
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	
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations								
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations								
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Random Locations								
Feature Crossed									
Bank Protection									
Stream Bed	100%			LIFE		* *			
	Stream Channel, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Mat (scour & erosion)									
Not Accessible	100%								
Approaches									
Pavement									
Asphalt	100%	4+	\$200	2027	\$9,400				
	Cracks, Extent : Light, Area Affected : 1%								
	Location : Isolated Locations								
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Explanation : Uneven Surface								
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Masonry	100%	4+	\$300	2029	* *	5	\$400	
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Isolated Locations								
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Erosion, Extent : Light, Area Affected : 5%								
	Location : Throughout								
Deck Elements									
	Railings/Parapets								
	Masonry	100%	4+	\$500	2035	* *	5	\$700	
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Isolated Locations								
	Explanation : Cracks With Efflorescence In Joint Mortar And Few Localized Areas Of Missing Mortar Between Stones								
	Wearing Surface								
	Asphalt	100%	4+	\$100	2027	\$6,000	5	\$100	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Isolated Locations								
	Fascias								
	Masonry: Stone	100%	4+	\$1,500	LIFE	* *			
	Efflorescence, Extent : Moderate, Area Affected : 30%								
	Location : Random Locations								
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$3,000	LIFE	* *			
	Efflorescence, Extent : Light, Area Affected : 10%								
	Location : Underside Of Both Fascias								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$6,500	\$700		
<b>Total</b>	<b>\$6,500</b>	<b>\$700</b>		
Importance Code A	\$500	\$700		
Importance Code B	\$1,500			
Importance Code C	\$4,400			
<b>Total</b>	<b>\$6,500</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**  
**CLOVE LAKES PARK EAST FOOTBRIDGE**  
**Asset # : 14384**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
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+	\$3,700	LIFE		**		
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations								
Explanation : Joints Missing								
Feature Crossed								
Bank Protection								
Concrete	25%			LIFE		**		
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								
Single Type	75%			LIFE		**	5	\$200
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$1,300
Approaches								
Pavement								
Asphalt	100%	4+	\$600	2027	\$11,100			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2029		**	5	\$1,100
Piers								
Stem,Solid Pier								
Masonry	100%	2-4	\$1,500	LIFE		**		
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Cracks								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Masonry	100%			2035		* *	5	\$1,500
Wearing Surface								
Asphalt	100%	4+	\$100	2024	\$6,500		5	\$100
		Cracks, Extent : Light, Area Affected : 15%						
		Location : Random Locations						
Fascias								
Masonry: Stone	100%			LIFE		* *		
Superstructure								
Primary Member								
Steel	2%			LIFE		* *		
		Corrosion, Extent : Moderate, Area Affected : 50%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Light, Area Affected : 90%						
		Location : Throughout						
		Explanation : Efflorescence On The Corrugated Steel						
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$19,500			\$100
<b>Total</b>	<b>\$19,500</b>			<b>\$100</b>
Importance Code A	\$3,700			
Importance Code B	\$13,300			
Importance Code C	\$2,500			\$100
<b>Total</b>	<b>\$19,500</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 PEDESTRIAN BRIDGE**  
**Asset # : 14380**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry	75%	4+	\$12,300	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : Throughout							
Masonry	25%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%	4+	\$2,500	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Cracking And Missing Joints							
Feature Crossed								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *	5	\$2,300
	Stream Channel, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Approaches								
Pavement								
Asphalt	100%			2024	\$15,200			
Embankment								
Earth	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Concrete	80%	4+	\$2,200	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Masonry	100%	4+	\$1,000	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Between Stone Masonry								
Explanation : Cracks In Joint Mortar								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets Timber	100%	4+	\$1,500	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations In Timber Rails And Posts								
Explanation : Cracks								
Wearing Surface Asphalt	100%			2027	\$8,100	5	\$300	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Raveling								
Fascias Timber	100%			2031		* *		
Superstructure								
Deck,Structural Concrete	100%			LIFE		* *	5	\$900

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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		
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%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE		* *	3-5	\$3,900
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Throughout								
Feature Crossed								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *	5	\$500
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Embankment								
Earth	50%			LIFE		* *		
Rubble Stone	50%			LIFE		* *		
Railings/Parapets								
Timber	100%			LIFE		* *		
Dry Rot, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Recently Painted								
Fascias								
Timber	100%			2031		* *		
Deck Elements								
Railings/Parapets								
Timber	100%			LIFE		* *		
Dry Rot, Extent : Light, Area Affected : 5%								
Location : Bottom Of Posts								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Recently Painted								
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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$23,800			
<b>Total</b>	<b>\$23,800</b>			
Importance Code A	\$3,300			
Importance Code B	\$14,600			
Importance Code C	\$6,000			
<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**  
**CLOVE LAKES PARK PEDESTRIAN PARK**  
**Asset # : 14381**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Masonry	100%	4+	\$14,600	LIFE		* *		
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Stone	100%	4+	\$2,800	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Explanation : Cracking And Missing Joints								
Feature Crossed									
	Mat (scour & erosion)								
	Stream Bed	100%			LIFE		* *	5	\$500
	Stream Channel, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Approaches									
	Pavement								
	Asphalt	100%	4+	\$3,200	2024	\$10,600			
	Broken,Missing Pave, Extent : Light, Area Affected : 10%								
	Location : South Approach								
	Cracks, Extent : Light, Area Affected : 2%								
	Location : South Approach								
	Cracking/Crumbling, Extent : Light, Area Affected : 20%								
	Location : South Approach								
	Embankment								
	Earth	100%			LIFE		* *		
	Mat (scour & erosion)								
	Not Accessible	100%							
	Railings/Parapets								
	Timber	100%	Now	\$1,100	LIFE		* *		
	Dry Rot, Extent : Light, Area Affected : 15%								
	Location : Near Bottom Of Posts								
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Both Sides								
	Explanation : Two Loose Posts								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Fascias								
	Timber	100%			2031		* *		
Deck Elements									
	Railings/Parapets								
	Timber	100%	Now	\$2,200	LIFE		* *		
				Cracks, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughtout					
				Dry Rot, Extent : Light, Area Affected : 15%					
				Location : Bottom Of Posts					
				Other Observation, Extent : Moderate, Area Affected : 15%					
				Location : North Railing					
				Explanation : Loose Post					
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$7,500			
<b>Total</b>	<b>\$7,500</b>			
Importance Code A	\$1,100			
Importance Code B	\$1,500			
Importance Code C	\$4,900			
<b>Total</b>	<b>\$7,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK WEST FOOTBRIDGE**  
**Asset # : 14385**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
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+	\$3,700	LIFE	**			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Random Locations								
Explanation : Missing/ Broken Elements And Joints Missing Between Stones.								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,300	
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	\$600	2027	\$11,100			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2029	**	5	\$1,100	
Piers								
Stem,Solid Pier								
Masonry	100%	4+	\$1,500	LIFE	**			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Fascias								
Explanation : Efflorescence, Leaching.								
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			
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									
	Railings/Parapets								
	Masonry	100%	4+	\$500	2029	* *	5	\$700	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations							
		Explanation : Missing Joints							
	Wearing Surface								
	Asphalt	100%	4+	\$600	2027	\$6,500	5	\$100	
		Cracks, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Explanation : Settlement							
	Fascias								
	Masonry: Stone	100%			LIFE	* *			
Superstructure									
	Primary Member								
	Steel	2%			LIFE	* *			
		Corrosion, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Efflorescence On Corrugated Steel							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CLOVE LAKES PARK BRIDGE FOREST AVE BRIDGE  
**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$36,400		\$100	\$8,000
<b>Total</b>	<b>\$36,400</b>		<b>\$100</b>	<b>\$8,000</b>
Importance Code A	\$29,300			
Importance Code B	\$400			
Importance Code C	\$6,800		\$100	\$8,000
<b>Total</b>	<b>\$36,400</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**  
**Asset # : 14396**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
				Other Observation, Extent : Light, Area Affected : 0%					
				Location : South Side Of Arch Bridge Opening					
				Explanation : A Steel Fence Gate Prevents Access To The Underside Of The Arch					
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Concrete	100%	4+	\$400	LIFE	* *	5	\$200	
				Efflorescence, Extent : Light, Area Affected : 10%					
				Location : Throughout					
				Spalling, Extent : Light, Area Affected : 5%					
				Location : Throughout					
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry	100%	4+	\$4,900	LIFE	* *	3-5	\$17,500	
				Broken/Missing Elements, Extent : Light, Area Affected : 2%					
				Location : Throughout					
				Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
				Location : Random Joints Between Stones					
Feature Crossed									
	Bank Protection								
	Riprap	100%			LIFE	* *			
				Stream Channel, Extent : Light, Area Affected : 100%					
				Location : Throughout					
	Mat (scour & erosion)								
	Riprap	100%			LIFE	* *			
Approaches									
	Pavement								
	Asphalt	100%	4+	\$500	2024	\$26,600			
				Cracks, Extent : Light, Area Affected : 5%					
				Location : Throughout					
	Curbs								
	Concrete	100%	4+	\$200	LIFE	* *			
				Spalling, Extent : Light, Area Affected : 2%					
				Location : Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 2%					
				Location : Throughout					
	Embankment								
	Earth	100%			LIFE	* *			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK BRIDGE FOREST AVE BRIDGE**  
**Asset # : 14396**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Concrete	20%	4+	\$400	2035	* *			
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Steel	80%	4+	\$4,000	LIFE	* *			
		Damaged Railing, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
	Sidewalks								
	Concrete	100%	4+	\$1,200	LIFE	* *	4	\$1,400	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations							
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Throughout							
		Explanation : Random Spalls In Cap Stones Under Steel Railing							
	Scupper								
	Cast Iron	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : 4 Catch Basins							
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$500	2036	* *			
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 5%							
		Location : Throughout South Side							
		Explanation : Depressed And Settled Curb							
	Railings/Parapets								
	Steel	100%	4+	\$3,000	LIFE	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Random Locations							
		Corrosion, Extent : Light, Area Affected : 50%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Minor Dents And Impact Damage							
	Sidewalks								
	Concrete	100%			2026	\$3,900	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**  
**Asset # : 14396**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface Asphalt	100%	4+	\$100	2027	\$6,800	5	\$100	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : At Catch Basins							
	Fascias Masonry	100%			LIFE	* *	3-5	\$8,000	
		Erosion, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Scupper Cast Iron	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Deck Elements							
		Explanation : Two Catch Basins							
Superstructure									
	Primary Member Concrete	100%	4+	\$21,200	LIFE	* *			
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Underside Of Arch Soffit							
		Explanation : Leaching, Hairline Cracks With Efflorescence And Reinforcement Exposed At Random Locations							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$19,300			\$3,300
<b>Total</b>	<b>\$19,300</b>			<b>\$3,300</b>
Importance Code A				
Importance Code B	\$9,900			
Importance Code C	\$9,400			\$3,300
<b>Total</b>	<b>\$19,300</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**  
**CLOVE LAKES PARK FOOT BRIDGE**  
**Asset # : 14378**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Stem (breastwall)								
Masonry	65%	Now	\$9,900	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Masonry Stone Joint Mortar							
	Joints Missing, Extent : Moderate, Area Affected : 10%							
	Location : Throughout, Worst On West Abutment							
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : West Abutment							
	Explanation : Active Water Seepage Through Mortar Cracks							
Masonry	35%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	2-4	\$3,000	LIFE		* *	3-5	\$10,600
	Cracks, Extent : Moderate, Area Affected : 15%							
	Location : Cracks In Stone Masonry Joint Mortar							
Feature Crossed								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *	5	\$1,800
	Stream Channel, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Approaches								
Pavement								
Asphalt	100%	4+	\$3,000	2024	\$15,200			
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Raveling							
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		
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		* *		
				Other Observation, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
				Explanation : Missing Pointing					
	Footings								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
Deck Elements									
	Railings/Parapets								
	Timber	100%			LIFE		* *		
	Wearing Surface								
	Asphalt	100%	4+	\$3,400	2024	\$6,800	5	\$100	
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Throughout					
				Explanation : Raveling					
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$77,400	
<b>Total</b>	<b>\$77,400</b>	
Importance Code C	\$77,400	
<b>Total</b>	<b>\$77,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$10,900			
<b>Total</b>	<b>\$10,900</b>			
Importance Code A	\$1,600			
Importance Code B	\$8,800			
Importance Code C	\$500			
<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**  
**CLOVE LAKES PARK FOOT BRIDGE @ BROOKS LAKE DAM**  
**Asset # : 14379**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$2,700	LIFE	* *	5	\$1,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Walls								
Concrete	100%	4+	\$6,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : All Walls At East And West Abutments								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Southeast And Southwest Walls								
Efflorescence, Extent : Light, Area Affected : 25%								
Location : All Walls At East And West Abutments								
Spalling, Extent : Light, Area Affected : 5%								
Location : All Walls At East And West Abutments								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$77,400	LIFE	* *	5	\$8,900	
Cracks, Extent : Light, Area Affected : 30%								
Location : Random Locations								
Efflorescence, Extent : Light, Area Affected : 1%								
Location : Random Locations								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	* *			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	* *	5	\$1,500	
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CLOVE LAKES PARK FOOT BRIDGE @ BROOKS LAKE DAM**  
**Asset # : 14379**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Pavement								
	Asphalt	100%	4+	\$400	2024	\$20,900			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations							
	Curbs								
	Concrete	100%			LIFE	* *			
	Embankment								
	Earth	100%			LIFE	* *			
	Railings/Parapets								
	Concrete	100%			2029	* *			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Throughout							
Deck Elements									
	Curbs								
	Concrete	100%			2036	* *			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Location							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Along Both Curbs							
	Railings/Parapets								
	Concrete	100%			2029	* *			
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations							
	Wearing Surface								
	Asphalt	100%			2024	\$3,100	5	\$100	
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations							
	Fascias								
	Concrete	100%			LIFE	* *	5	\$1,000	
		Efflorescence, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$1,600	LIFE	* *			
		Cracks, Extent : Moderate, Area Affected : 1%							
		Location : Underside Of Arch Near West Abutment							
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Underside Of Both Fascias							
		Explanation : Stalactites							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$82,900	
<b>Total</b>	<b>\$82,900</b>	
Importance Code B	\$82,900	
<b>Total</b>	<b>\$82,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$44,300			
<b>Total</b>	<b>\$44,300</b>			
Importance Code A	\$34,300			
Importance Code B	\$6,000			
Importance Code C	\$4,000			
<b>Total</b>	<b>\$44,300</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**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals Concrete	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 40%					
				Location : Random Locations Throughout					
				Explanation : Peeling Paint					
	Backwall Concrete	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Both Abutments					
				Explanation : Peeling Paint					
	Footings Not Accessible	100%							
	Joint with Deck Single Type	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Both Abutments					
				Explanation : Joint Paved Over With Asphalt					
	Stem (breastwall) Concrete	100%	4+	\$82,900	LIFE		* *	5	\$4,100
				Cracks, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Efflorescence, Extent : Moderate, Area Affected : 20%					
				Location : Both Abutments					
				Other Observation, Extent : Moderate, Area Affected : 80%					
				Location : Both Abutments					
				Explanation : Paint Peeling					
Wingwalls									
	Footings Not Accessible	100%							
	Mat (scour & erosion) Single Type	100%			LIFE		* *		
	Piles Not Accessible	100%							
	Walls Concrete	100%			LIFE		* *	5	\$4,400
				Vegetation Growth, Extent : Light, Area Affected : 3%					
				Location : Random Locations Throughout					
				Other Observation, Extent : Light, Area Affected : 60%					
				Location : Random Locations Throughout					
				Explanation : Flaking Paint					
Feature Crossed									
	Mat (scour & erosion) Single Type	100%			LIFE		* *	5	\$3,800
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			
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		* *		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Curbs								
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both Sides							
		Explanation : Raised Asphalt Concrete Curbs Are Supporting The Railing							
	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+	\$2,700	LIFE		* *		
		Other Observation, Extent : Moderate, Area Affected : 8%							
		Location : Bottom Of The Beam							
		Explanation : Spalling							
	Pier,Columns								
	Concrete	100%	4+	\$4,700	LIFE		* *		
		Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
		Explanation : Paint Peeling							
	Footings								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete	100%	4+	\$1,000	2048		* *		
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Asphalt Concrete Curbs							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Concrete	65%	4+	\$1,600	2037		* *		
		Cracks, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Concrete Parapets On Both Sides							
		Explanation : Paint Peeling							
	Steel	35%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Above The Concrete Parapets On Both Sides							
		Explanation : Steel Chainlink Fencing							
Wearing Surface									
	Asphalt	100%	4+	\$900	2029		* *	5	\$300
		Cracks, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Settlement							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE		* *	5	\$5,800
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Peeling Paint							
Joints									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : The Joints On Top Are Paved Over With Asphalt							
Primary Member									
	Concrete Encased Steel	100%	4+	\$24,200	LIFE		* *	5	\$600
		Corrosion, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CUNNINGHAM PARK FOOT BRIDGE OVER HOLLIS HILL TERRACE**  
**Asset # : 14395**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Secondary Member

Concrete Encased Steel      100%      4+      \$1,200      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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$501,300	
<b>Total</b>	<b>\$501,300</b>	
Importance Code A	\$501,300	
<b>Total</b>	<b>\$501,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$64,100			
<b>Total</b>	<b>\$64,100</b>			
Importance Code A	\$29,100			
Importance Code B	\$12,700			
Importance Code C	\$22,300			
<b>Total</b>	<b>\$64,100</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 DR. (EAST MAIN DR.)**  
**Asset # : 14386**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Concrete	100%			LIFE	* *			
	Backwall								
	Concrete	100%			LIFE	* *			
	Brngs,Ancr Blts,Pads								
	Elastomeric	100%			2048	* *			
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location :								
	Explanation : Paved At Joint Over Both Abutments								
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Pedestals								
	Concrete	100%			LIFE	* *			
	Stem (breastwall)								
	Concrete	100%			LIFE	* *	5	\$12,100	
	Walls								
	Concrete	100%			LIFE	* *			
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%	4+	\$1,600	LIFE	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Drain Trough								
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location : Drain Trough								
	Explanation : Spalling								
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	100%			LIFE	* *	5	\$2,100	
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$10,900	
Approaches									
	Pavement								
	Asphalt	100%	4+	\$3,100	2029	* *			
	Cracks, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14386**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Curbs									
Concrete	100%	4+	\$1,000	LIFE		* *			
			Cracks, Extent : Light, Area Affected : 5%						
			Location : Random Locations Throughout						
			Spalling, Extent : Light, Area Affected : 5%						
			Location : Random Locations Throughout						
Embankment									
Earth	100%			LIFE		* *			
Mat (scour & erosion)									
Single Type	100%			LIFE		* *			
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Cast Iron	75%	4+	\$4,800	LIFE		* *			
			Cracks, Extent : Light, Area Affected : 5%						
			Location : Random Locations Throughout						
			Spalling, Extent : Light, Area Affected : 10%						
			Location : Random Locations Throughout						
Steel	25%			LIFE		* *			
Sidewalks									
Concrete	100%	4+	\$1,000	LIFE		* *	4	\$2,400	
			Cracks, Extent : Light, Area Affected : 8%						
			Location : Random Locations Throughout						
			Settlement, Extent : Light, Area Affected : 5%						
			Location : Random Locations Throughout						
			Spalling, Extent : Light, Area Affected : 2%						
			Location : Random Locations Throughout						
Scupper									
Cast Iron	100%			LIFE		* *			
Piers									
Cap Beam									
Concrete Encased Steel	100%	4+	\$9,900	LIFE		* *			
			Cracks, Extent : Light, Area Affected : 10%						
			Location : Isolated Locations Throughout						
			Efflorescence, Extent : Light, Area Affected : 10%						
			Location : Isolated Locations Throughout						
			Leakage, Extent : Light, Area Affected : 10%						
			Location : Isolated Locations Throughout						
Pier,Columns									
Concrete Encased Steel	100%	4+	\$5,500	LIFE		* *			
			Cracks, Extent : Light, Area Affected : 10%						
			Location : Random Locations Throughout						
			Efflorescence, Extent : Light, Area Affected : 10%						
			Location : Random Locations Throughout						
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		
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		* *			
Other Observation, Extent : Moderate, Area Affected : 70%									
Location : Random Locations Throughout									
Explanation : Missing Steel Face And Spalling									
Railings/Parapets									
Concrete	100%	4+	\$2,300	2037		* *			
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Isolated Locations Throughout									
Sidewalks									
Concrete	100%	4+	\$1,900	2033		* *	5	\$600	
Cracks, Extent : Light, Area Affected : 15%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Wearing Surface									
Asphalt	100%	4+	\$13,600	2029		* *	5	\$1,200	
Cracks, Extent : Light, Area Affected : 25%									
Location : Throughout									
Superstructure									
Deck,Structural									
Concrete	68%	4+	\$501,300	LIFE		* *	5	\$6,500	
Cracks, Extent : Light, Area Affected : 100%									
Location : Random Locations Throughout									
Efflorescence, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Explanation : Spalling With Exposed Rebar									
Concrete	32%			LIFE		* *	5	\$6,100	
Joints									
Single Type	100%			LIFE		* *			
Primary Member									
Concrete Encased Steel	100%	4+	\$1,300	LIFE		* *	5	\$2,900	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Efflorescence, Extent : Light, Area Affected : 15%									
Location : Random Locations Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14386**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Secondary Member

Concrete Encased Steel      100%      4+      \$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$67,800		\$3,800	\$3,700
<b>Total</b>	<b>\$67,800</b>		<b>\$3,800</b>	<b>\$3,700</b>
Importance Code A	\$27,400			
Importance Code B	\$18,900			
Importance Code C	\$21,600		\$3,800	\$3,700
<b>Total</b>	<b>\$67,800</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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals Concrete	100%	4+	\$1,900	LIFE		* *		
				Damaged Railing, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Efflorescence, Extent : Light, Area Affected : 8%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
	Backwall Concrete	100%	4+	\$900	LIFE		* *		
				Cracks, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Other Observation, Extent : Light, Area Affected : 2%					
				Location : South And North Walls					
				Explanation : Water Stains					
	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		* *		
	Stem (breastwall) Concrete	100%	4+	\$10,300	LIFE		* *	5	\$5,100
				Cracks, Extent : Light, Area Affected : 100%					
				Location : Random Isolated Locations					
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : Random Isolated Locations					
				Other Observation, Extent : Light, Area Affected : 25%					
				Location : North And South Abutments					
				Explanation : Water Stains And Paint Peeling					
Wingwalls									
	Footings Not Accessible	100%							
	Mat (scour & erosion) Single Type	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 1%					
				Location : Along Embankment					
				Explanation : Timber Cribbing					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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)	
Wingwalls								
Walls								
	Concrete	100%	4+	\$3,700	LIFE	**	5	\$2,100
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Isolated Locations							
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Random Isolated Locations							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Explanation : Paint Peeling							
Feature Crossed								
	Mat (scour & erosion)							
	Single Type	100%			LIFE	**	5	\$5,300
Approaches								
	Pavement							
	Asphalt	50%	4+	\$1,700	2029	**		
	Cracks, Extent : Light, Area Affected : 4%							
	Location : Random Locations Throughout							
	Concrete	50%			2037	**	4	\$7,600
Curbs								
	Concrete	100%			LIFE	**		
Embankment								
	Earth	100%			LIFE	**		
Guide Railing								
	Concrete	100%			2037	**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : New Jersey Barrier							
Mat (scour & erosion)								
	Single Type	100%			LIFE	**		
Pavement Base								
	Not Accessible	100%						
Railings/Parapets								
	Steel	100%			LIFE	**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : 50 Percent Rail 50 Percent Guard Rail							
Sidewalks								
	Concrete	100%	4+	\$1,100	LIFE	**	4	\$2,600
	Cracks, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Piers								
	Pier,Columns							
	Concrete Encased Steel	100%	4+	\$4,300	LIFE	**		
	Other Observation, Extent : Moderate, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Spalling With Exposed Steel Reinforcement With Moderate Corrosion At Top Of Column							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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			
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		* *		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Throughout						
			Explanation : New Jersey Barrier						
	Railings/Parapets								
	Steel	100%			LIFE		* *		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Along Fascias						
			Explanation : Chainlink Fence Located In Front Of Railings						
	Sidewalks								
	Asphalt	100%			2026	\$10,200	4	\$7,400	
	Wearing Surface								
	Asphalt	100%			2029		* *	5	\$1,300
Superstructure									
	Deck,Structural								
	Concrete	100%	4+	\$21,900	LIFE		* *	5	\$5,100
			Spalling, Extent : Moderate, Area Affected : 5%						
			Location : Random Locations Throughout						
			Other Observation, Extent : Light, Area Affected : 3%						
			Location : Random Locations Throughout						
			Explanation : Spalling With Exposed Rebar						
	Joints								
	Single Type	100%	2-4	\$13,600	LIFE		* *		
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Throughout						
			Explanation : Joint Misalignment						
	Primary Member								
	Concrete Encased Steel	100%	4+	\$900	LIFE		* *	5	\$700
			Efflorescence, Extent : Moderate, Area Affected : 15%						
			Location : Random Locations Throughout						
			Other Observation, Extent : Moderate, Area Affected : 3%						
			Location : Bottom Of Beam						
			Explanation : Spalling With Exposed Corroded 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.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK DR. (EAST MAIN DR.)**  
**Asset # : 14387**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Secondary Member

Concrete Encased Steel      100%      4+      \$4,300      2056      \* \*

*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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$24,100	
<b>Total</b>	<b>\$24,100</b>	
Importance Code C	\$24,100	
<b>Total</b>	<b>\$24,100</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$62,300			\$34,700
<b>Total</b>	<b>\$62,300</b>			<b>\$34,700</b>
Importance Code A	\$14,000			
Importance Code B	\$13,400			
Importance Code C	\$34,900			\$34,700
<b>Total</b>	<b>\$62,300</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		
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	\$26,800
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Peeling Paint And Graffiti								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE		* *	3-15	\$169,400
Approaches								
Pavement								
Asphalt	100%			2029		* *		
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+	\$5,800	2037		* *		
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Southeast End								
Settlement, Extent : Moderate, Area Affected : 15%								
Location : Southeast End								
Piers								
Cap Beam								
Concrete	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Timber Cap Beam								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FOREST PARK UNDERPASS BRIDLE PATH**  
**Asset # : 14389**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Pier,Columns Timber	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 10%					
				Location : At East Side Only					
				Explanation : First Column Is Slightly Out Of Plumb					
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete	100%			2048		* *		
	Median								
	Concrete	100%			LIFE		* *		
	Railings/Parapets								
	Concrete	100%	4+	\$2,900	2037		* *		
				Cracks, Extent : Light, Area Affected : 5%					
				Location : East Side					
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : East Side					
	Wearing Surface								
	Asphalt	100%			2029		* *	5	\$400
Superstructure									
	Joints								
	Not Accessible	100%							
	Primary Member								
	Concrete	100%	2-4	\$5,400	LIFE		* *		
				Cracks, Extent : Light, Area Affected : 20%					
				Location : Random Locations Throughout					
				Efflorescence, Extent : Light, Area Affected : 20%					
				Location : Random Isolated Locations					
				Exposed Reinforcement, Extent : Moderate, Area Affected : 5%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 20%					
				Location : Near South Abutment					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$124,000	
<b>Total</b>	<b>\$124,000</b>	
Importance Code B	\$124,000	
<b>Total</b>	<b>\$124,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$52,200			
<b>Total</b>	<b>\$52,200</b>			
Importance Code A	\$37,500			
Importance Code B	\$1,400			
Importance Code C	\$13,300			
<b>Total</b>	<b>\$52,200</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 TOTTEN TORPEDO BATTERY TUNNEL**  
**Asset # : 14866**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	85%	4+	\$1,400	LIFE		* *		
		Cracking/Crumbling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
		Explanation : Spalling							
	Single Type	15%			LIFE		* *		
	Stem (breastwall)								
	Concrete	100%	4+	\$124,000	LIFE		* *	5	\$11,200
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : West Side Only							
		Explanation : Steel Handrail							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	100%	4+	\$8,700	LIFE		* *	5	\$1,800
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : East Tunnel Entrance							
		Spalling, Extent : Light, Area Affected : 8%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Feature Crossed									
	Mat (scour & erosion)								
	Concrete	100%	4+	\$7,900	LIFE		* *	5	\$500
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Lack Of Expension Joint							
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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Mat (scour & erosion)								
	Not Accessible	100%							
Deck Elements									
	Fascias								
	Concrete	100%	4+	\$4,600	LIFE	* *	5	\$1,000	
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$29,600	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 2%								
	Location : East Side								
	Explanation : Two Utility Pipes								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

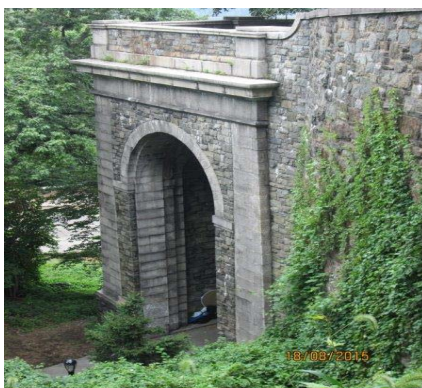
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$189,900	\$56,000
<b>Total</b>	<b>\$189,900</b>	<b>\$56,000</b>
Importance Code A	\$107,000	
Importance Code B	\$83,000	
Importance Code C		\$56,000
<b>Total</b>	<b>\$189,900</b>	<b>\$56,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$40,000			\$94,800
<b>Total</b>	<b>\$40,000</b>			<b>\$94,800</b>
Importance Code A	\$35,600			\$31,700
Importance Code B				\$54,600
Importance Code C	\$4,300			\$8,500
<b>Total</b>	<b>\$40,000</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
				Other Observation, Extent : Light, Area Affected : 0%					
				Location : Northwest Corner					
				Explanation : About 2 Percent Of The Concrete Footing Founded On The Bedrock Is Exposed And It Is In Good Condition.					
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Stem (breastwall)								
	Masonry: Granite	20%	4+	\$38,100	LIFE		* *	3-5	\$34,900
				Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : East Abutment Wall					
				Other Observation, Extent : Light, Area Affected : 1%					
				Location : East Abutment Wall					
				Explanation : Broken/missing Element					
	Masonry: Schist/Gneiss	80%	4+	\$44,900	LIFE		* *	3-5	\$139,400
				Efflorescence, Extent : Severe, Area Affected : 65%					
				Location : Mostly On The East Abutment Wall And With A Few On The West Abutment					
				Vegetation Growth, Extent : Moderate, Area Affected : 20%					
				Location : Exterior Fascia Of The West Abutment					
				Other Observation, Extent : Moderate, Area Affected : 50%					
				Location : East Abutment Wall					
				Explanation : Leakage					
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Schist/Gneiss	100%	4+	\$3,200	LIFE		* *	3-5	\$9,000
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : Northeast And Southeast Wingwalls					
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Granite	100%	4+	\$2,700	LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Broken/ Missing Element							
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE		* *	3-5	
		Efflorescence, Extent : Light, Area Affected : 8%							
		Location : Random Locations Throughout							
Deck Elements									
	Curbs								
	Granite	100%			LIFE		* *		
	Median								
	Granite	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Earth Median With Plants And Flowers							
	Railings/Parapets								
	Granite	30%	4+	\$1,700	LIFE		* *		
		Joints Missing, Extent : Light, Area Affected : 20%							
		Location : Throughout Railing, Between And Underneath Coping Stones							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : South Fascia Near West Abutment							
		Explanation : Broken / Missing Element							
	Schist/Gneiss	70%	4+	\$3,300	LIFE		* *		
		Broken/Missing Elements, Extent : Light, Area Affected : 1%							
		Location : North Fascia Of Bridge							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Missing / Crack Joint Mortar							
	Wearing Surface								
	Asphalt	100%	4+	\$1,100	2028	\$56,000	5	\$900	
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Southeast Corner							
		Other Observation, Extent : Light, Area Affected : 35%							
		Location : East Side Of The Deck							
		Explanation : Garden And Plants							
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE		* *	3-5	\$18,500
		Efflorescence, Extent : Light, Area Affected : 8%							
		Location : Random Locations Throughout							
Superstructure									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE STONE ARCH BRIDGE**  
**Asset # : 14128**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
	Masonry: Brick	50%	2-4	\$107,000	LIFE	* *	3-5	\$46,100	
Other Observation, Extent : Moderate, Area Affected : 40%									
Location : Underside Of Deck									
Explanation : Cracks In Guastavino Tiles In Underside Of Vaulted Deck. Some Areas Leaking W/ Efflorescence And Light Spalling.									
	Masonry: Granite	50%	4+	\$27,900	LIFE	* *	3-5	\$55,700	
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Joints Missing, Extent : Light, Area Affected : 10%									
Location : Throughout Underside Of Structure, Specifically Near The South Fascia									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$209,000	\$36,700
<b>Total</b>	<b>\$209,000</b>	<b>\$36,700</b>
Importance Code A	\$80,100	
Importance Code B	\$73,400	
Importance Code C	\$55,500	\$36,700
<b>Total</b>	<b>\$209,000</b>	<b>\$36,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$26,400			\$55,700
<b>Total</b>	<b>\$26,400</b>			<b>\$55,700</b>
Importance Code A				
Importance Code B				\$28,600
Importance Code C	\$26,400			\$27,100
<b>Total</b>	<b>\$26,400</b>			<b>\$55,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE - M029**  
**Asset # : 14072**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Masonry: Schist/Gneiss	100%	4+	\$73,400	LIFE	**	3-5	\$91,300	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Northeast Portion Of Wall								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	25%	4+	\$26,400	LIFE	**	5	\$2,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Western Wingwalls								
Delaminations, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Masonry: Schist/Gneiss	75%	4+	\$55,500	LIFE	**	3-5	\$62,200	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 5%								
Location : Southwest Wingwall								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Northeast And Northwest Corner Of Structure								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$1,300	
Approaches								
Pavement								
Asphalt	100%			2031	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pedestrian Only								
Explanation : Pedestrian Approaches Only - Vehicular Approaches Are Not Covered In This Asset								
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		
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		
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Deck Elements								
Median								
Granite	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Pedestrian Pathway							
	Explanation : Schist Wall On East Side Of Pedestrian Pathway							
Railings/Parapets								
Schist/Gneiss	100%			LIFE	* *			
	Vegetation Growth, Extent : Moderate, Area Affected : 20%							
	Location : North Ends Of Both Parapets							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Fascia Parapets							
	Explanation : Eastern Fascia Parapet East Of Roadway And Western Fascia Parapet Along Pedestrian Path							
Wearing Surface								
Asphalt	100%			2028	\$36,700	5	\$1,200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Pedestrian Walkway							
	Explanation : Pedestrian Walkway Only - Vehicular Passage Is Not Considered For This Asset							
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	* *	3-5	\$25,600	
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Superstructure								
Primary Member								
Masonry: Schist/Gneiss	100%	4+	\$80,100	LIFE	* *	5	\$4,400	
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Along East And West Fascia							
	Joints Missing, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$56,900	
<b>Total</b>	<b>\$56,900</b>	
Importance Code A	\$56,900	
<b>Total</b>	<b>\$56,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$15,300			\$25,900
<b>Total</b>	<b>\$15,300</b>			<b>\$25,900</b>
Importance Code A				
Importance Code B	\$4,100			\$9,900
Importance Code C	\$11,300			\$16,000
<b>Total</b>	<b>\$15,300</b>			<b>\$25,900</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 BRIDGE - M029 CORBIN PLACE OVERPASS/CORBIN DR.**  
**Asset # : 14073**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Stem (breastwall)									
Masonry: Schist/Gneiss	98%			LIFE	**	3-5	\$31,000		
	Efflorescence, Extent : Light, Area Affected : 5%								
	Location : At Fascia								
Masonry: Schist/Gneiss	2%	0-2	\$4,100	LIFE	**	3-5	\$600		
	Other Observation, Extent : Light, Area Affected : 70%								
	Location : Random Locations Throughout								
	Explanation : Broken/missing Joint Mortar								
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Piles									
Not Accessible	100%								
Walls									
Masonry: Schist/Gneiss	100%	4+	\$11,300	LIFE	**	3-5	\$31,600		
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 30%								
	Location : Random Locations Throughout								
Feature Crossed									
Mat (scour & erosion)									
Single Type	100%			LIFE	**	5	\$1,500		
Approaches									
Pavement									
Asphalt	100%			2028	\$31,100				
	Recent Repair Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Curbs								
	Granite	100%			LIFE		* *		
	Railings/Parapets								
	Schist/Gneiss	100%			LIFE		* *		
				Vegetation Growth, Extent : Light, Area Affected : 5%					
				Location : Outside Face Of Parapets Near Ends Of Arch					
				Other Observation, Extent : Light, Area Affected : 15%					
				Location : Random Locations Throughout					
				Explanation : Recent Repair					
	Sidewalks								
	Concrete	100%			2032		* *	5	\$400
	Wearing Surface								
	Asphalt	100%			2028	\$18,400		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+	\$56,900	LIFE		* *	5	\$3,100
				Cracks, Extent : Light, Area Affected : 2%					
				Location : Southern Half Of Arch, Near Centerline					
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : Near East And West Fascia					
				Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
				Location : Throughout 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.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$16,700		\$100	\$5,400
<b>Total</b>	<b>\$16,700</b>		<b>\$100</b>	<b>\$5,400</b>
Importance Code A	\$5,200		\$100	
Importance Code B	\$3,100			
Importance Code C	\$8,400			\$5,400
<b>Total</b>	<b>\$16,700</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		
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+	\$3,100	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Explanation : Efflorescence								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$6,800	LIFE	* *	3-5	\$7,700	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 25%								
Location : Southwest And Northeast Walls								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	* *	5	\$300	
Approaches								
Pavement								
Asphalt	100%			2028	\$500			
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Missing/ Eroded Joint Mortar								
Masonry	50%			2036	* *	5	\$200	
Wearing Surface								
Asphalt	100%	4+	\$1,600	2028	\$3,200	5	\$100	
Other Observation, Extent : Light, Area Affected : 35%								
Location : Random Locations Throughout								
Explanation : Uneven Surface								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 EASTERN OVERLOOK ARCHES**  
**Asset # : 14133**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE	* *	3-5	\$9,900	
Superstructure									
	Primary Member								
	Masonry: Schist/Gneiss	100%	4+	\$2,800	LIFE	* *	5	\$400	
	Efflorescence, Extent : Severe, Area Affected : 40%								
	Location : Underside Of Structure								
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Underside Of 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.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$18,300		\$600	\$4,100
<b>Total</b>	<b>\$18,300</b>		<b>\$600</b>	<b>\$4,100</b>
Importance Code A	\$9,200		\$100	
Importance Code B	\$4,100			\$800
Importance Code C	\$5,000		\$400	\$3,300
<b>Total</b>	<b>\$18,300</b>		<b>\$600</b>	<b>\$4,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORT TRYON PARK BRIDGE-M029 TUNNEL SOUTH OF CLOISTERS**  
**Asset # : 14129**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	* *				
Stem (breastwall)									
Masonry: Schist/Gneiss	10%	4+	\$4,100	LIFE	* *	3-5	\$2,500		
	Efflorescence, Extent : Light, Area Affected : 50%								
	Location : Underside Of Fascia Stones								
Masonry	90%			LIFE	* *				
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Explanation : Peeling Paint								
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	* *				
Piles									
Not Accessible	100%								
Walls									
Masonry: Schist/Gneiss	100%	4+	\$5,000	LIFE	* *	3-5	\$5,600		
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Eastern And Western Walls								
Feature Crossed									
Mat (scour & erosion)									
Single Type	100%			LIFE	* *	5	\$100		
Approaches									
Pavement									
Asphalt	100%			2028	\$11,700				
Curbs									
Granite	100%			LIFE	* *	5			
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : East Side								
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Schist/Gneiss	100%			LIFE	* *				
Sidewalks									
Asphalt	50%			2025	\$600	4	\$400		
Single Type	50%			LIFE	* *				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : East Side								
	Explanation : Earth Surface								
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Curbs								
	Granite	100%	4+	\$100	LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : East Side							
		Explanation : Curb Reveal Varies							
	Railings/Parapets								
	Masonry	100%			2036	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : West Parapet							
		Explanation : Recent Repointing Of Masonry							
	Sidewalks								
	Asphalt	50%			2025	\$700	4	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : West Side							
		Explanation : Asphalt Surface							
	Earth	50%			LIFE	* *	5		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : East Side							
		Explanation : Earth Surface							
	Wearing Surface								
	Asphalt	100%			2028	\$5,600	5	\$200	
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE	* *	3-5	\$5,000	
Superstructure									
	Primary Member								
	Concrete	90%			LIFE	* *			
	Masonry: Schist/Gneiss	10%	4+	\$9,100	LIFE	* *	5	\$100	
		Efflorescence, Extent : Moderate, Area Affected : 40%							
		Location : Underside Of Fascia Stones							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$66,600	\$165,000
<b>Total</b>	<b>\$66,600</b>	<b>\$165,000</b>
Importance Code C	\$66,600	\$165,000
<b>Total</b>	<b>\$66,600</b>	<b>\$165,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$9,800			\$13,400
<b>Total</b>	<b>\$9,800</b>			<b>\$13,400</b>
Importance Code A	\$4,400			
Importance Code B	\$5,400			\$700
Importance Code C				\$12,700
<b>Total</b>	<b>\$9,800</b>			<b>\$13,400</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 UNDERPASS MARGARET CORBIN DRIVE**  
**Asset # : 14130**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Stem (breastwall)								
Concrete	10%	4+	\$5,400	LIFE	* *	5	\$200	
	Cracks, Extent : Light, Area Affected : 1%							
	Location : Single Stone On The Southwest Corner							
	Recent Repair Evident, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Paint Peeling							
Concrete	80%			LIFE	* *	5	\$2,000	
Masonry: Schist/Gneiss	10%			LIFE	* *	3-5	\$2,200	
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Southeast And Northeast Fascia Of Wall							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$66,600	LIFE	* *	3-5	\$37,400	
	Efflorescence, Extent : Light, Area Affected : 2%							
	Location : East Fascia							
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
	Location : Throughout All Walls And Most Severe At The Northeast Wingwall							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	Location : Tree Growing At Base Of Northeast Wingwall							
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	* *	5	\$200	
Approaches								
Pavement								
Asphalt	100%			2028	\$165,000			
Curbs								
Granite	100%	4+	\$3,300	LIFE	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Southeast Approach							
	Explanation : Curb Reveal Varies							
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		
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	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : West Curb								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : East Curb								
Explanation : Curb Reveal Varies								
Railings/Parapets								
Masonry	100%	4+	\$1,000	2036	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Missing And Broken Mortar								
Wearing Surface								
Asphalt	100%			2028	\$9,700	5	\$300	
Fascias								
Masonry: Schist/Gneiss	100%			LIFE	* *	3-5	\$3,600	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Underside Of Fascia Stones								
Superstructure								
Primary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Underside Of Member								
Explanation : Covered With Steel Mesh								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$52,800	\$3,400		\$12,900
<b>Total</b>	<b>\$52,800</b>	<b>\$3,400</b>		<b>\$12,900</b>
Importance Code A	\$31,900			\$3,100
Importance Code C	\$20,900	\$3,400		\$9,800
<b>Total</b>	<b>\$52,800</b>	<b>\$3,400</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		
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+	\$20,900	LIFE	**	3-5	\$25,600	
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At North Side								
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	\$31,900	LIFE	**	3-5	\$10,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Throughout Underside Of The Arch								
Excess Worn/Erod Mat, Extent : Severe, Area Affected : 80%								
Location : Both Abutment Walls								
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Throughout Underside Of 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**  
**HIGHBRIDGE PARK STONE ARCH BRIDGE**  
**Asset # : 14089**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022	FY 2023 - 2028
Park Bridges		\$2,393,100
<b>Total</b>		<b>\$2,393,100</b>
Importance Code C		\$2,393,100
<b>Total</b>		<b>\$2,393,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$100,700	\$6,100		\$10,200
<b>Total</b>	<b>\$100,700</b>	<b>\$6,100</b>		<b>\$10,200</b>
Importance Code A	\$57,100			\$10,200
Importance Code C	\$43,700	\$6,100		
<b>Total</b>	<b>\$100,700</b>	<b>\$6,100</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		
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	\$2,393,100	5-15	\$20,400	
Feature Crossed								
Bank Protection								
Earth	100%			LIFE	**	5	\$100	
		Roadway/Path, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Mat (scour & erosion)								
Earth	100%			LIFE	**	5	\$2,900	
Approaches								
Pavement								
Asphalt	15%	4+	\$2,100	2027	\$10,700			
		Cracks, Extent : Light, Area Affected : 2%						
		Location : Along Center						
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
Concrete	85%	4+	\$14,600	2029	**	4	\$13,100	
		Cracks, Extent : Light, Area Affected : 50%						
		Location : Throughout						
		Other Observation, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
		Explanation : Missing/ Broken Elements						
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$19,500	LIFE	**			
		Broken/Missing Elements, Extent : Light, Area Affected : 5%						
		Location : Random Locations						
		Cracks, Extent : Light, Area Affected : 5%						
		Location : Random Locations						
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : Random Locations						
		Explanation : Missing Joints Mortar						

## 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Stone Rough Work	100%	4+	\$2,600	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Localized Area Between Stones								
Explanation : Missing Mortar Between Stones And Missing/broken Element								
Wearing Surface								
Concrete	100%	2-4	\$13,600	2041		* *		
Cracks, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Old Repair, Extent : Light, Area Affected : 15%								
Location : Random Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Random Throughout								
Explanation : Medium To Severe Scaling								
Fascias								
Masonry: Stone	100%	4+	\$13,000	LIFE		* *		
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Rough Work Stones And Missing Mortar Between The Stones								
Superstructure								
Joints								
Single Type	100%	4+	\$300	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Explanation : Spalling And Stone Erosion								
Primary Member								
Masonry: Brick	100%	4+	\$34,900	LIFE		* *	3-5	\$32,900
Efflorescence, Extent : Moderate, Area Affected : 100%								
Location : Heavy Staining And Leaching Throughout, Especially Near Fascias								
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%								
Location : Throughout Underside Of Arch								
Secondary Member								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$189,800	
<b>Total</b>	<b>\$189,800</b>	
Importance Code A	\$189,800	
<b>Total</b>	<b>\$189,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$8,800			
<b>Total</b>	<b>\$8,800</b>			
Importance Code A				
Importance Code B	\$3,200			
Importance Code C	\$5,500			
<b>Total</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**  
**INWOOD HILL PARK BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14254**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE		**		
Stem (breastwall)								
Concrete	50%			LIFE		**	5	\$300
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : North Abutment							
	Explanation : Good Condition							
Concrete	50%	4+	\$3,200	LIFE		**	5	\$300
	Cracks, Extent : Light, Area Affected : 15%							
	Location : South Abutment							
	Delaminations, Extent : Light, Area Affected : 10%							
	Location : South Abutment							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Center Of The South Abutment							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	10%	4+	\$1,100	LIFE		**	5	
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Interface With Concrete Wearing Surface On The Northeast Corner							
Concrete	90%			LIFE		**	5	\$300
Feature Crossed								
Bank Protection								
Concrete	50%			LIFE		**		
Riprap	50%			LIFE		**		
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$600
Approaches								
Pavement								
Concrete	100%	4+	\$2,800	2036		**	4	\$2,500
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14254**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
Curbs									
	Concrete w/ Steel Face	100%			LIFE		* *		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Rusting Stains									
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									
	Concrete w/ Steel Face	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Explanation : Cracks									
Railings/Parapets									
	Steel	100%			LIFE		* *		
Wearing Surface									
	Concrete	100%	4+	\$1,700	2036		* *		
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Superstructure									
Primary Member									
	Prestressed Concrete Box Beam	100%	4+	\$189,800	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 2%									
Location : End Of Southeast Fascia									
Explanation : Cracking									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$3,300	\$900		\$2,900
<b>Total</b>	<b>\$3,300</b>	<b>\$900</b>		<b>\$2,900</b>
Importance Code A	\$3,300			
Importance Code B				
Importance Code C		\$900		\$2,900
<b>Total</b>	<b>\$3,300</b>	<b>\$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**  
**INWOOD HILL PARK BRIDGE SOUTH BOUND HENRY HUDSON PKWY**  
**Asset # : 14255**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Stem (breastwall)								
	Concrete	100%			LIFE	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 5%								
	Location : Random Locations Throughout								
	Explanation : Peeling Paint								
Wingwalls									
	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	
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$500	
Approaches									
	Pavement								
	Concrete	90%			2036	* *	4	\$2,600	
	Concrete	10%	4+		2036	* *	4	\$200	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Embankment								
	Earth	100%			LIFE	* *			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Concrete	100%	4+	\$1,400	2036	* *			
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Fascias								
	Masonry: Schist/Gneiss	100%			LIFE	* *	3-5		
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Scupper								
	Cast Iron	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : On Approach								
	Explanation : Catch Basin								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Concrete	90%			2036	* *			
	Concrete	10%	4+	\$700	2036	* *			
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Wearing Surface									
	Concrete	100%			2036	* *			
		Recent Repair Evident, Extent : Light, Area Affected : 10%							
		Location : Sealed Cracks In Deck							
Fascias									
	Masonry: Schist/Gneiss	100%			LIFE	* *	3-5	\$6,000	
		Recent Repair Evident, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
Superstructure									
	Primary Member								
	Concrete	95%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Explanation : Peeling Paint							
	Masonry: Schist/Gneiss	5%	4+	\$1,200	LIFE	* *	5	\$100	
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Underside Of Spandrel Wall At Both Fascias							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$80,700	
<b>Total</b>	<b>\$80,700</b>	
Importance Code A	\$80,700	
<b>Total</b>	<b>\$80,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$2,500	\$600		\$11,400
<b>Total</b>	<b>\$2,500</b>	<b>\$600</b>		<b>\$11,400</b>
Importance Code A				
Importance Code B				\$1,300
Importance Code C	\$2,500	\$600		\$10,200
<b>Total</b>	<b>\$2,500</b>	<b>\$600</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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	50%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : West Side							
	Explanation : A Concrete Block At The Landing Of Staircase							
Not Accessible	50%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : East Side							
	Explanation : No Access To Amtrak Property.							
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	\$3,700			
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Granite	100%			LIFE		* *		
				Recent Repair Evident, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
Piers									
	Cap Beam								
	Steel	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
				Explanation : Corrosion					
	Pier,Columns								
	Steel	100%			LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
				Explanation : Corrosion					
	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		* *		
				Rust Stains, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
	Mono Deck Surface								
	Concrete	100%	4+	\$2,500	2047		* *		
				Cracks, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
				Other Observation, Extent : Light, Area Affected : 20%					
				Location : Random Locations Throughout					
				Explanation : Light Scaling					
	Railings/Parapets								
	Steel	100%			LIFE		* *		
				Corrosion, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
Superstructure									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Deck,Structural Concrete	100%	4+	\$80,700	LIFE	* *	5	\$1,100	
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Exposed Reinforcement, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Joints									
	Single Type	100%			LIFE	* *			
Primary Member									
	Steel	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Localized Areas With Corrosion.							
Secondary Member									
	Steel	100%			LIFE	* *	4-8	\$31,600	
		Corrosion, Extent : Moderate, Area Affected : 10%							
		Location : Steel Brackets							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$52,300	
<b>Total</b>	<b>\$52,300</b>	
Importance Code C	\$52,300	
<b>Total</b>	<b>\$52,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$27,300			
<b>Total</b>	<b>\$27,300</b>			
Importance Code A	\$12,500			
Importance Code B	\$2,800			
Importance Code C	\$12,000			
<b>Total</b>	<b>\$27,300</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 PED. BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14253**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%	4+	\$2,800	LIFE	**	5	\$300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Along Water Line And Tidal Zone								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$4,500	LIFE	**	5	\$1,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Concrete	50%	4+	\$52,300	LIFE	**			
Spalling, Extent : Light, Area Affected : 20%								
Location : At Wingwall								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Medium Scaling And Vegetation Growth								
Riprap	50%	4+	\$1,600	LIFE	**			
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Western Side								
Explanation : Missing Stones And Large Void								
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		
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	\$8,900			
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : Random Locations Throughout							
	Explanation : Up To 2 Inches Settlement And Patched Pothole							
Curbs								
Concrete	100%	4+	\$2,900	LIFE		* *		
	Cracking/Crumbling, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Delaminations, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Embankment								
Single Type	100%			LIFE		* *		
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	4+	\$4,300	LIFE		* *		
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Deck Elements								
Curbs								
Concrete	100%	4+	\$2,200	2047		* *		
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Recent Replace Evident, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Rust Stains, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout							
Railings/Parapets								
Steel	100%			LIFE		* *		
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK PED. BRIDGE OVER HARLEM RIVER INLET**  
**Asset # : 14253**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Concrete	100%	4+	\$2,300	2036		* *		
		Cracks, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : At Deck Joint							
<hr/>									
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$3,000	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Rust Stains, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$19,500			\$12,700
<b>Total</b>	<b>\$19,500</b>			<b>\$12,700</b>
Importance Code A	\$5,000			
Importance Code C	\$14,500			\$12,700
<b>Total</b>	<b>\$19,500</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%	4+	\$500	LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location : Northwest And Southwest Wingwalls								
	Explanation : Erosion Of Soil At Base Of Wingwall								
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Schist/Gneiss	100%	4+	\$13,400	LIFE	* *	3-5	\$41,000	
	Efflorescence, Extent : Light, Area Affected : 1%								
	Location : All Wingwalls								
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Throughout All Wingwalls								
Feature Crossed									
	Bank Protection								
	Earth	100%			LIFE	* *	5	\$100	
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$400	
Approaches									
	Pavement								
	Concrete	100%	4+	\$500	2039	* *	4	\$11,500	
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Curbs								
	Concrete	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : West Side								
	Explanation : Curbs In Good Condition								
	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**  
**INWOOD HILL PARK UNDERPASS NORTH BOUND HENRY HUDSON PKWY**  
**Asset # : 14377**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Guide Railing								
	Concrete	50%			2029	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : East Side							
		Explanation : Jersey Barriers							
	Steel	50%			LIFE	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : West Side							
		Explanation : Good Condition							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Schist/Gneiss	100%	4+	\$1,900	LIFE	**			
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Explanation : Missing/ Deteriorated Pointing Between Masonry							
Deck Elements									
	Guide Railing								
	Concrete	100%			2031	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Jersey Barriers							
	Railings/Parapets								
	Schist/Gneiss	100%	4+	\$700	LIFE	**			
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Throughout Parapet On Both Fascias							
		Explanation : Missing / Deteriorated Pointing Between Masonry							
	Wearing Surface								
	Asphalt	100%			2024	\$7,800	5	\$300	
	Fascias								
	Brownstone/Sandstone	100%			LIFE	**			
		Joints Missing, Extent : Light, Area Affected : 1%							
		Location : Random Locations							
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$2,400	LIFE	**			
		Cracks, Extent : Light, Area Affected : 1%							
		Location : Random Locations							
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Both Fascias							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$33,200			
<b>Total</b>	<b>\$33,200</b>			
Importance Code A	\$7,900			
Importance Code B	\$14,100			
Importance Code C	\$11,100			
<b>Total</b>	<b>\$33,200</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**  
**KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE**  
**Asset # : 14393**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Stem (breastwall) Concrete	100%	4+	\$7,700	LIFE	**	5	\$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Single Type	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$4,100	LIFE	**	5	\$2,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Peeling White Paint								
Feature Crossed								
Mat (scour & erosion) Single Type	100%			LIFE	**	5	\$3,400	
Approaches								
Pavement Asphalt	100%	4+	\$3,400	2029	**			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs Concrete	100%	4+	\$1,000	LIFE	**			
Cracks, Extent : Light, Area Affected : 15%								
Location : All Bituminous Concrete Curbs								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



**DEPT. OF PARKS & RECREATION - 846**  
**KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE**  
**Asset # : 14393**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%	4+	\$2,400	LIFE		* *		
	Erosion, Extent : Light, Area Affected : 5%							
	Location : North Embankment							
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		* *		
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Peeling Paint							
Pier,Columns								
Concrete Encased Steel	100%	4+	\$2,000	LIFE		* *		
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
	Explanation : Peeling Paint							
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%	4+	\$1,000	2048		* *		
	Cracks, Extent : Light, Area Affected : 25%							
	Location : All Bituminous Concrete Curbs							
Railings/Parapets								
Concrete	60%	4+	\$1,500	2037		* *		
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Steel	40%			LIFE		* *		
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**KISSENA CORRIDOR PARK EAST FOOTBRIDGE OVER 73RD AVENUE**  
**Asset # : 14393**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Asphalt	100%	4+	\$1,200	2029	* *	5	\$200	
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$4,500	
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Explanation : Peeling Paint							
	Primary Member								
	Concrete Encased Steel	100%	4+	\$500	LIFE	* *	5	\$600	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Peeling Paint And Exposed Steel Bottom Flanges Have Light Spot Rusting							
	Secondary Member								
	Concrete Encased Steel	100%	4+	\$4,500	2056	* *			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Peeling Paint And Exposed Steel Bottom Flanges Have Light Spot Rusting							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$133,100	
<b>Total</b>	<b>\$133,100</b>	
Importance Code A	\$133,100	
<b>Total</b>	<b>\$133,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$39,100			
<b>Total</b>	<b>\$39,100</b>			
Importance Code A	\$5,900			
Importance Code B	\$33,200			
Importance Code C				
<b>Total</b>	<b>\$39,100</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**  
**MARINE PARK MARSH BRIDGE**  
**Asset # : 14101**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Backwall								
	Concrete	100%			LIFE	* *			
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	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	\$51,600	LIFE	* *			
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Explanation : Corrosion								
	Steel	25%			LIFE	* *			
	Pier,Columns								
	Concrete	100%			LIFE	* *			
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
Piles									
	Not Accessible	100%							
Deck Elements									
	Gratings								
	Steel Grating	95%	4+	\$4,900	LIFE		* *		
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Throughout Structure							
		Explanation : Deteriorated Finish							
	Steel Grating	5%	2-4	\$1,000	LIFE		* *		
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : South End							
		Explanation : Corrosion And Rust Stain							
Railings/Parapets									
	Steel	100%			LIFE		* *		
Superstructure									
	Primary Member								
	Steel	100%	4+	\$81,600	LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Rust Stains							
Secondary Member									
	Steel	100%	4+	\$33,200	LIFE		* *	4-8	\$33,900
		Corrosion, Extent : Severe, Area Affected : 55%							
		Location : Throughout Secondary Bracing Members							
		Other Observation, Extent : Severe, Area Affected : 70%							
		Location : Throughout Secondary Bracing Members							
		Explanation : Deteriorated Finish							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

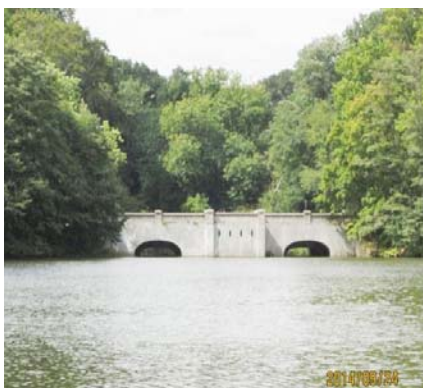
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges		\$47,700
<b>Total</b>		<b>\$47,700</b>
Importance Code C		\$47,700
<b>Total</b>		<b>\$47,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$29,700		\$200	\$800
<b>Total</b>	<b>\$29,700</b>		<b>\$200</b>	<b>\$800</b>
Importance Code A	\$1,900			
Importance Code B	\$15,400			
Importance Code C	\$12,400		\$200	\$800
<b>Total</b>	<b>\$29,700</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Stem (breastwall)								
	Concrete	100%			LIFE		**	5	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Not Accessible								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	100%	4+	\$3,800	LIFE		**	5	\$900
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Light, Area Affected : 10%								
	Location : North Side								
	Spalling, Extent : Light, Area Affected : 10%								
	Location : Northeast Corner								
Feature Crossed									
	Bank Protection								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	Pier Protection								
	Not Accessible	100%							
Approaches									
	Pavement								
	Asphalt	100%			2027	\$28,600			
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random At Both Approaches								
	Curbs								
	Concrete w/ Steel Face	100%			LIFE		**		
	Embankment								
	Earth	25%	Now	\$4,800	LIFE		**		
	Erosion, Extent : Light, Area Affected : 1%								
	Location : Behind Southeast Wingwall								
	Earth	75%			LIFE		**		
	Guide Railing								
	Timber	100%	4+	\$900	2027	\$9,100			
	Dry Rot, Extent : Light, Area Affected : 2%								
	Location : Timber Posts Supporting Guide Rail On 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**  
**MARTLINGS AVE OVER CLOVE LAKE CARRIES MARTLINGS AVE**  
**Asset # : 14397**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement Base									
Not Accessible	100%								
Sidewalks									
Concrete	75%	Now	\$2,900	LIFE	* *	4	\$500		
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : South Approach									
Concrete	25%	4+	\$1,000	LIFE	* *	4	\$200		
Cracks, Extent : Light, Area Affected : 1%									
Location : Random At Both Approaches									
Piers									
Stem,Solid Pier									
Concrete	35%	4+	\$15,400	LIFE	* *				
Cracks, Extent : Light, Area Affected : 1%									
Location : Random Location Throughout									
Efflorescence, Extent : Light, Area Affected : 1%									
Location : South Fascia									
Rust Stains, Extent : Light, Area Affected : 1%									
Location : South Fascia									
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	* *				
Cracks, Extent : Light, Area Affected : 5%									
Location : Random									
Staining/Scaling, Extent : Light, Area Affected : 1%									
Location : Throughout									
Sidewalks									
Concrete	100%			2031	* *	5	\$400		
Cracks, Extent : Light, Area Affected : 1%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 5%									
Location : Widened Sidewalk Section Over Pier									
Explanation : Access Steel Door Hatches To Access Pier Storage Chamber									
Wearing Surface									
Asphalt	100%			2027	\$47,700	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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Fascias								
	Concrete	100%			LIFE	* *	5	\$1,900	
				Vegetation Growth, Extent : Light, Area Affected : 5%					
				Location : Outside Face At Base Of Fascia					
Scupper									
	Cast Iron	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Four Corners					
				Explanation : 4 Catch Basins					
Superstructure									
	Primary Member								
	Concrete	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Throughout					
				Explanation : Not Directly Accessible					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$11,100			\$1,700
<b>Total</b>	<b>\$11,100</b>			<b>\$1,700</b>
Importance Code A	\$8,400			
Importance Code B	\$400			
Importance Code C	\$2,300			\$1,700
<b>Total</b>	<b>\$11,100</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			
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	50%			LIFE	**	5	\$700	
	Masonry	50%			LIFE	**			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Stone Masonry								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry	100%	4+	\$1,600	LIFE	**	3-5	\$5,300	
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Feature Crossed									
	Bank Protection								
	Riprap	100%			LIFE	**			
	Mat (scour & erosion)								
	Earth	100%			LIFE	**	5	\$1,100	
Approaches									
	Pavement								
	Asphalt	100%			2029	**			
	Embankment								
	Riprap	100%			LIFE	**			
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Timber	100%	4+	\$1,700	LIFE	**			
	Rotted, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Deck Elements									
	Railings/Parapets								
	Timber	100%	0-2	\$5,400	LIFE	**			
	Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
	Location : Random Locations Throughout								
	Dry Rot, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Misaligned 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 BINNEN BRIDGE**  
**Asset # : 13460**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Timber	100%	4+	\$700	2029	* *	5	\$100	
		Checks, Extent : Light, Area Affected : 20%							
		Location : In Timber Planks Throughout							
		Splits, Extent : Light, Area Affected : 20%							
		Location : In Timber Planks Throughout							
Superstructure									
	Deck,Structural								
	Timber	100%	4+	\$800	LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Explanation : Splits/ Checks							
	Primary Member								
	Concrete	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Covered With Timber Fascia							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$33,400			\$2,800
<b>Total</b>	<b>\$33,400</b>			<b>\$2,800</b>
Importance Code A	\$5,600			
Importance Code B	\$5,100			
Importance Code C	\$22,700			\$2,800
<b>Total</b>	<b>\$33,400</b>			<b>\$2,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK BOULDER BRIDGE - 019A**  
**Asset # : 1787**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**			
	Stem (breastwall)								
	Masonry	100%	4+	\$5,100	LIFE	**			
	Efflorescence, Extent : Moderate, Area Affected : 5%								
	Location : Throughout								
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Explanation : Stones; Loose And Missing Mortar Between Stones.								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	50%			LIFE	**			
	Single Type	50%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	10%			LIFE	**	5	\$500	
	Masonry: Stone	90%	4+	\$13,400	LIFE	**			
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Explanation : Loose And Missing Mortar Between Stones								
Feature Crossed									
	Bank Protection								
	Single Type	100%			LIFE	**	5	\$100	
	Roadway/Path, Extent : Light, Area Affected : 100%								
	Location : Throughout								
Approaches									
	Pavement								
	Concrete	100%	2-4	\$2,700	2035	**	4	\$1,800	
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								
	Explanation : Missing Element; Cracks And Settlement								
	Embankment								
	Earth	100%	4+	\$1,800	LIFE	**			
	Erosion, Extent : Moderate, Area Affected : 15%								
	Location : Throughout								
	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 BOULDER BRIDGE - 019A**  
**Asset # : 1787**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Cast Stone	100%			LIFE		**		
Deck Elements								
Railings/Parapets								
Schist/Gneiss	100%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Boulders Set In Mortar							
Wearing Surface								
Concrete	100%	0-2	\$1,600	2041		**		
	Other Observation, Extent : Severe, Area Affected : 15%							
	Location : Throughout							
	Explanation : Missing Elements; Cracked And Settled Pavement Areas							
Fascias								
Masonry: Schist/Gneiss	100%	4+	\$3,300	LIFE		**	3-5	\$9,100
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
	Location : Throughout							
Superstructure								
Primary Member								
Masonry: Stone	70%	4+	\$5,600	LIFE		**		
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Under Stone Arch							
	Explanation : Efflorescence, Missing Joints, Water Penetration							
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$30,600	\$400	\$3,000	
<b>Total</b>	<b>\$30,600</b>	<b>\$400</b>	<b>\$3,000</b>	
Importance Code A	\$7,200			
Importance Code B	\$12,600			
Importance Code C	\$10,800	\$400	\$3,000	
<b>Total</b>	<b>\$30,600</b>	<b>\$400</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		
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		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved On The Top Of Mat								
Stem (breastwall)								
Concrete	100%	4+	\$1,900	LIFE		* *	5	\$900
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Explanation : Efflorescence; Cracking; Joints Missing And Spalling								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Earth								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$6,200	LIFE		* *	5	\$3,200
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Recent Repair; Cracking								
Feature Crossed								
Bank Protection								
Single Type	100%			LIFE		* *	5	\$100
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Under Construction	100%							
Curbs								
Granite	100%	2-4	\$2,800	LIFE		* *	5	\$100
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Slate; Spalling And Cracking								
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Concrete	50%	4+	\$300	2029		* *		
		Cracks, Extent : Light, Area Affected : 3%							
		Location : Throughout							
	Steel	50%			LIFE		* *		
Sidewalks									
	Asphalt	50%			2021	\$2,200	4	\$1,500	
	Under Construction	50%							
Deck Elements									
	Curbs								
	Granite	100%	2-4	\$2,400	LIFE		* *		
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations							
		Explanation : Slate; Delaminated Slate And Spalling							
	Railings/Parapets								
	Concrete	50%	4+	\$1,800	2029		* *		
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Explanation : Spalling And Cracks							
	Steel	50%			LIFE		* *		
Sidewalks									
	Asphalt	50%			2024	\$1,200	4	\$1,300	
	Under Construction	50%							
Wearing Surface									
	Under Construction	100%							
Fascias									
	Brownstone/Sandstone	100%	4+	\$4,600	LIFE		* *		
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Efflorescence							
Superstructure									
	Primary Member								
	Not Accessible	100%							
Secondary Member									
	Concrete	70%	4+	\$9,100	LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations							
		Explanation : Decorative Concrete Panels. Efflorescence. Water Pen. Light Spalling. Wasps Nests.							
	Concrete	30%	4+	\$1,600	LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Explanation : Erosion; Efflorescence; Recent Repair And Spalling							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$481,700	\$82,900
<b>Total</b>	<b>\$481,700</b>	<b>\$82,900</b>
Importance Code A	\$481,700	
Importance Code C		\$82,900
<b>Total</b>	<b>\$481,700</b>	<b>\$82,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$19,500		\$5,600	\$300
<b>Total</b>	<b>\$19,500</b>		<b>\$5,600</b>	<b>\$300</b>
Importance Code A	\$8,500			
Importance Code B	\$7,200			
Importance Code C	\$3,900		\$5,600	\$300
<b>Total</b>	<b>\$19,500</b>		<b>\$5,600</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**  
**PROSPECT PARK EAST DRIVE BRIDGE - 0056**  
**Asset # : 1143**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$7,200	LIFE	* *	5	\$3,200	
Erosion, Extent : Light, Area Affected : 15%								
Location : Scaling And Erosion Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Bridge Is Gated; Observations Are Based On 2013 Biennial Report								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$2,300	LIFE	* *	5	\$1,200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Northwest Corner And Throughout								
Explanation : Spalling, Cracks And Efflorescence								
Approaches								
Pavement								
Asphalt	100%			2027	\$82,900			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Cracks								
Curbs								
Concrete	100%			LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Cracking								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	2-4	\$3,100	2029	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Spalling, Cracks, Deterioration And Joints Missing								
Sidewalks								
Asphalt	100%	2-4	\$600	2021	\$5,600	4	\$3,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Broken, Missing Pavement Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 2 Catch Basins								
Deck Elements								
Curbs								
Concrete	100%	2-4	\$3,500	2046	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Write In Later								
Explanation : Stays Consistent With Approach Curbs								
Railings/Parapets								
Concrete	100%	2-4	\$1,800	2029	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Cracking, Efflorescence And Spalling								
Sidewalks								
Asphalt	100%	0-2	\$1,000	2026	\$3,200	4	\$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Broken, Missing Pavement Throughout								
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Uneven Surface								
Wearing Surface								
Asphalt	100%			2027	\$17,400	5	\$500	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Cracking								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EAST DRIVE BRIDGE - 0056**

**Asset # : 1143**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Deck,Structural								
	Concrete	100%	4+	\$68,500	LIFE	* *	5	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout							
		Explanation : Water Penetration, Efflorescence, Scaling, Spalling And Exposed Reinforcing							
Joints									
	Not Accessible	100%							
Primary Member									
	Concrete Encased Steel	100%	4+	\$413,200	LIFE	* *	5	\$2,000	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Tringer S10 Near South Abutment And Throughout Based On 2013 Biennial Inspection Report							
		Explanation : Spaling, Scaling And 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$32,900			\$6,000
<b>Total</b>	<b>\$32,900</b>			<b>\$6,000</b>
Importance Code A	\$18,500			\$800
Importance Code B	\$7,400			\$2,900
Importance Code C	\$7,000			\$2,300
<b>Total</b>	<b>\$32,900</b>			<b>\$6,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK EASTWOOD ARCH - 0053**  
**Asset # : 1140**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Stem (breastwall)								
	Masonry: Sandstone	100%	2-4	\$7,400	LIFE	* *	3-5	\$9,200	
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%								
	Location : Random Locations Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Concrete	50%			LIFE	* *	5	\$2,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Northeast And Southwest Wingwalls								
	Explanation : Two Wingwalls Replaced With Concrete Walls								
	Masonry: Stone	50%			LIFE	* *			
Feature Crossed									
	Mat (scour & erosion)								
	Concrete	100%			LIFE	* *	5-10	\$1,700	
Approaches									
	Pavement								
	Asphalt	100%			2029	* *			
	Curbs								
	Concrete	100%	2-4	\$1,400	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	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			
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	**			
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 60%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : West Side							
		Explanation : Steel Fence							
	Timber	75%	2-4	\$4,000	LIFE	**			
		Splits, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
Deck Elements									
	Curbs								
	Concrete	100%	0-2	\$4,900	2058	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : South Side							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
		Settlement, Extent : Moderate, Area Affected : 40%							
		Location : Throughout							
	Railings/Parapets								
	Steel	20%	4+	\$1,200	LIFE	**			
		Vegetation Growth, Extent : Moderate, Area Affected : 60%							
		Location : West Side							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : West Side							
		Explanation : Steel Fence							
	Timber	80%	2-4	\$1,100	LIFE	**			
		Splits, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Sidewalks								
	Earth	100%	4+		LIFE	**	5	\$200	
		Vegetation Growth, Extent : Moderate, Area Affected : 40%							
		Location : Along The South Side Of The Bridge							
	Wearing Surface								
	Asphalt	100%	4+	\$1,300	2029	**	5	\$200	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Fascias								
	Masonry: Brownstone	100%			LIFE	**	3-15	\$11,400	
Superstructure									
	Deck,Structural								
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Covered With Brick							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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)		
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$280,800	\$128,800
<b>Total</b>	<b>\$280,800</b>	<b>\$128,800</b>
Importance Code A	\$280,800	
Importance Code C		\$128,800
<b>Total</b>	<b>\$280,800</b>	<b>\$128,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$32,700			\$25,700
<b>Total</b>	<b>\$32,700</b>			<b>\$25,700</b>
Importance Code A	\$23,200			\$9,200
Importance Code C	\$9,400			\$16,500
<b>Total</b>	<b>\$32,700</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		
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		* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Random Locations							
		Explanation : Earth Retained With Stone Boulders							
Stem (breastwall)									
Masonry: Brownstone	100%			LIFE		* *	3-5		
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Piles									
Not Accessible	100%								
Walls									
Masonry: Brownstone	50%	2-4	\$7,300	LIFE		* *	3-5	\$20,000	
		Joints Missing, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Masonry	50%			LIFE		* *	3-5	\$24,800	
Feature Crossed									
Mat (scour & erosion)									
Stone Paver	100%	0-2	\$280,800	LIFE		* *	5	\$400	
		Roadway/Path, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Uneven Surface, Broken Pavers							
Approaches									
Pavement									
Asphalt	100%			2024	\$128,800				
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Curbs									
Concrete	100%			LIFE		* *			
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Light, Area Affected : 10%							
		Location : Throughout							
Embankment									
Earth	80%			LIFE		* *			
Riprap	20%	2-4	\$1,900	LIFE		* *			
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : All Four Corners Around Embankment							
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Railings/Parapets								
	Timber	100%	0-2	\$4,700	LIFE		* *		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : North Side							
		Dry Rot, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 25%							
		Location : Throughout							
		Explanation : Vegetation Growth							
	Scupper								
	Cast Iron	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : North Curbline							
		Explanation : 1 Catch Basin							
Deck Elements									
	Curbs								
	Concrete	100%			2036		* *		
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Railings/Parapets								
	Timber	100%	Now	\$1,300	LIFE		* *		
		Dry Rot, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Explanation : Vegetation Growth							
	Wearing Surface								
	Asphalt	100%			2024	\$15,800	5	\$500	
Fascias									
	Masonry: Brownstone	100%			LIFE	* *	3-5	\$7,600	
Superstructure									
	Primary Member								
	Masonry: Brick	100%	2-4	\$17,200	LIFE	* *	3-5	\$29,600	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Efflorescence, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Throughout							
		Explanation : Some Of Arch Underside Covered With Plywood							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$5,800			
<b>Total</b>	<b>\$5,800</b>			
Importance Code A	\$600			
Importance Code B	\$1,200			
Importance Code C	\$3,900			
<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**  
**PROSPECT PARK ESDALE BRIDGE**  
**Asset # : 13456**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Backwall								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Joint with Deck								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	100%			LIFE		* *		
	Stem (breastwall)								
	Concrete	100%			LIFE		* *	5	\$2,500
Feature Crossed									
	Bank Protection								
	Riprap	100%			LIFE		* *		
	Mat (scour & erosion)								
	Riprap	100%			LIFE		* *		
Approaches									
	Pavement								
	Asphalt	100%	4+	\$3,800	2029		* *		
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Embankment								
	Earth	100%			LIFE		* *		
	Pavement Base								
	Not Accessible	100%							
	Railings/Parapets								
	Steel	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : All Quadrants							
		Explanation : Steel Fence							
Deck Elements									
	Guide Railing								
	Concrete	100%			2041		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both Sides Of Bridge							
		Explanation : New Concrete Posts							
	Railings/Parapets								
	Steel	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both Sides Of Bridge							
		Explanation : Steel Fence							
	Wearing Surface								
	Timber	100%			2029		* *	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**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Deck,Structural								
	Concrete	100%			LIFE	* *	5	\$1,300	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$18,400			
<b>Total</b>	<b>\$18,400</b>			
Importance Code A	\$7,000			
Importance Code B	\$7,500			
Importance Code C	\$3,800			
<b>Total</b>	<b>\$18,400</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 FALLKILL BRIDGE**  
**Asset # : 13457**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$7,500	LIFE	* *	5	\$700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Spalling And Cracks								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stones								
Piles								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stones								
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stones								
Approaches								
Pavement								
Asphalt	70%	4+	\$2,200	2024	\$10,900			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Explanation : Cracks And Uneven Surface								
Asphalt	30%			2024	\$4,700			

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**  
**PROSPECT PARK FALLKILL BRIDGE**  
**Asset # : 13457**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Embankment								
	Earth	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Explanation : Earth And Boulders							
Railings/Parapets									
	Aluminum	100%			LIFE		* *		
Deck Elements									
	Railings/Parapets								
	Aluminum	50%			LIFE		* *		
	Steel	50%	0-2	\$3,900	LIFE		* *		
		Other Observation, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Explanation : Steel Pipes Filled With Concrete (39 Inches High) And Horizontal Timber Railing Is Missing							
Wearing Surface									
	Timber	100%	4+	\$1,700	2024	\$3,300	5	\$100	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Splitting And Chipping							
Superstructure									
	Joints								
	Single Type	100%			LIFE		* *		
Primary Member									
	Concrete	80%	4+	\$3,100	LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Explanation : Spalling; Cracks And Exterior Beam Under Railing Covered With Wooden Member							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$11,300	\$11,300
<b>Total</b>	<b>\$11,300</b>	<b>\$11,300</b>
Importance Code B	\$11,300	\$11,300
<b>Total</b>	<b>\$11,300</b>	<b>\$11,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$66,800			\$10,100
<b>Total</b>	<b>\$66,800</b>			<b>\$10,100</b>
Importance Code A	\$7,700			
Importance Code B	\$51,000			\$6,500
Importance Code C	\$8,100			\$3,600
<b>Total</b>	<b>\$66,800</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		
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: Granite	100%			LIFE	**	3-15	\$30,600	
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$6,400	LIFE	**	3-5	\$11,700	
Efflorescence, Extent : Moderate, Area Affected : 20% Location : Random Locations Throughout Joint Mortar Miss/Erod, Extent : Light, Area Affected : 3% Location : Random Locations Throughout Vegetation Growth, Extent : Light, Area Affected : 5% Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Masonry	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Stone Masonry								
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**	5	\$6,300	
Approaches								
Pavement								
Asphalt	100%	4+	\$1,000	2029	**			
Settlement, Extent : Light, Area Affected : 10% Location : Random Locations Throughout Other Observation, Extent : Light, Area Affected : 100% Location : Throughout Explanation : Bluestone Stairs And Concrete Pavers								
Embankment								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	100%	4+	\$4,300	LIFE	**			
Joints Missing, Extent : Light, Area Affected : 5% 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.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK LULLWATER BRIDGE - 012C**  
**Asset # : 642**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets Steel	100%			LIFE		* *		
		Corrosion, Extent : Light, Area Affected : 80%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout Metal Parapet And Brass Railing							
		Explanation : Peeling Paint							
	Wearing Surface Asphalt	100%	4+	\$700	2029		* *	5	\$200
		Misaligned/Bulging, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Asphalt Pavers							
Superstructure									
	Deck,Structural Not Accessible	100%							
	Primary Member Cast Iron	20%			LIFE		* *	4	\$700
		Corrosion, Extent : Moderate, Area Affected : 80%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both Sides							
		Explanation : Steel Girders With Cast Iron Fascia							
	Steel	80%			LIFE		* *		
		Corrosion, Extent : Moderate, Area Affected : 40%							
		Location : At Two Girders							
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : At Two Girders							
		Explanation : Paint Peeling							
	Secondary Member Steel	100%			LIFE		* *	4-8	\$146,300
		Corrosion, Extent : Moderate, Area Affected : 50%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Random Locations Throughout							
		Explanation : Steel Grillage With Metal Panels							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$53,500			\$12,600
<b>Total</b>	<b>\$53,500</b>			<b>\$12,600</b>
Importance Code A	\$11,500			
Importance Code B	\$3,800			\$700
Importance Code C	\$38,100			\$11,800
<b>Total</b>	<b>\$53,500</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Stem (breastwall)								
	Masonry: Sandstone	20%	4+	\$3,800	LIFE	* *	3-5	\$2,400	
		Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Random Loactions Throughout							
	Not Accessible	80%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Covered With Broken/damaged Wood Paneling/bench							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Brownstone	100%	2-4	\$23,500	LIFE	* *	3-5	\$25,700	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Southwest Wingwall							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%							
		Location : Random Locations Throughout							
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$1,000	
Approaches									
	Pavement								
	Asphalt	100%			2029	* *			
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Entire Wearing Surface							
	Curbs								
	Granite	100%			LIFE	* *	5	\$200	
	Embankment								
	Earth	100%			LIFE	* *			
	Guide Railing								
	Timber	100%	2-4	\$2,200	2029	* *			
		Splits, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Pavement Base								
	Not Accessible	100%							
Deck Elements									
	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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Guide Railing Timber	100%			2048	* *			
		Splits, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	Wearing Surface Asphalt	100%			2029	* *	5	\$600	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Entire Wearing Surface							
	Fascias Masonry	100%	2-4	\$14,400	LIFE	* *	3-5	\$11,700	
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%							
		Location : Throughout Arch Barrel Fascias							
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : Throughout Arch Barrel Fascias							
		Explanation : Signs Of Leakage							
Superstructure									
	Primary Member Masonry: Stone	20%	2-4	\$8,700	LIFE	* *			
		Broken/Damaged, Extent : Light, Area Affected : 10%							
		Location : Northern Arch							
		Efflorescence, Extent : Light, Area Affected : 10%							
		Location : At Brick Fascias							
		Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Northern Arch							
	Not Accessible	80%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout The Arch Barrel							
		Explanation : Covered By Wood Panels							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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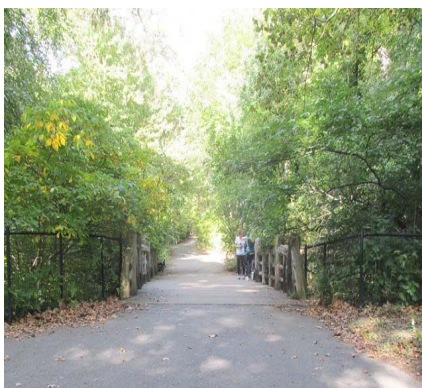
**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$4,200			
<b>Total</b>	<b>\$4,200</b>			
Importance Code A	\$3,200			
Importance Code B	\$900			
Importance Code C	\$100			
<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**  
**PROSPECT PARK MUSIC PAGODA (GROVE) BRIDGE**  
**Asset # : 13459**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**	5	\$1,800	
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	\$1,400	
Approaches								
Pavement								
Earth	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covered By Timber Deck.								
Embankment								
Riprap	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Timber	100%	4+	\$1,700	LIFE	**			
Splits, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Deck Elements								
Railings/Parapets								
Timber	100%	4+	\$800	LIFE	**			
Splits, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Timber	100%			2029	**	5	\$100	
Superstructure								
Deck,Structural								
Timber	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Corrosion								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK MUSIC PAGODA (GROVE) BRIDGE**  
**Asset # : 13459**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$35,200	
<b>Total</b>	<b>\$35,200</b>	
Importance Code C	\$35,200	
<b>Total</b>	<b>\$35,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$102,500			\$10,700
<b>Total</b>	<b>\$102,500</b>			<b>\$10,700</b>
Importance Code A	\$52,600			\$2,300
Importance Code B	\$33,000			\$1,000
Importance Code C	\$16,900			\$7,400
<b>Total</b>	<b>\$102,500</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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	**			
	Stem (breastwall)								
	Granite	15%			LIFE	**	3-15	\$4,700	
	Masonry	50%	2-4	\$13,100	LIFE	**			
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Various Locations Throughout							
		Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : At Base							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Masonry Limestone							
	Masonry	35%	2-4	\$18,400	LIFE	**			
		Efflorescence, Extent : Moderate, Area Affected : 50%							
		Location : Outer Arch Area							
		Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 15%							
		Location : Joint Missing On North And South Arches							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Masonry Brick							
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Riprap	100%			LIFE	**			
	Piles								
	Not Accessible	100%							
	Walls								
	Brownstone/Sandstone	100%	4+	\$35,200	LIFE	**			
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : Various Locations							
		Joints Missing, Extent : Moderate, Area Affected : 10%							
		Location : East And West Faces							
		Vegetation Growth, Extent : Moderate, Area Affected : 10%							
		Location : Various Locations							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations							
Feature Crossed									
	Bank Protection								
	Riprap	100%			LIFE	**			
	Mat (scour & erosion)								
	Earth	65%			LIFE	**	5	\$6,500	
	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**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement									
Asphalt	100%	4+	\$1,000	2029		* *			
	Cracks, Extent : Light, Area Affected : 5%								
	Location : South And North Approach								
Curbs									
Concrete	100%			LIFE		* *			
Embankment									
Earth	100%			LIFE		* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : With Stone Riprap								
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Brownstone/Sandstone	60%			LIFE		* *			
Granite	40%			LIFE		* *			
Sidewalks									
Single Type	100%	4+	\$2,000	LIFE		* *			
	Vegetation Growth, Extent : Moderate, Area Affected : 50%								
	Location : South Approach Only								
Piers									
Cap Beam									
Concrete	30%	4+	\$1,700	LIFE		* *			
	Efflorescence, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Brick								
Masonry	70%			LIFE		* *			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : 60 Percent Limestone, 10 Percent Granite								
Pier,Columns									
Masonry	100%			LIFE		* *			
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Riprap	50%			LIFE		* *			
Single Type	50%			LIFE		* *			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : North And South Arches								
	Explanation : Concrete Mat								
Piles									
Not Accessible	100%								

**Deck Elements**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK NETHERMEAD ARCHES**  
**Asset # : 13458**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Curbs									
	Concrete	100%	4+	\$1,800	2048		* *		
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout On West Side Only									
Spalling, Extent : Light, Area Affected : 4%									
Location : Random Locations Throughout On West Side Only									
Railings/Parapets									
	Brownstone/Sandstone	60%			LIFE		* *		
	Granite	40%	4+	\$1,000	LIFE		* *		
Joints Missing, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Explanation : Spalling									
Sidewalks									
	Earth	100%			LIFE		* *	5	\$1,200
Other Observation, Extent : Light, Area Affected : 100%									
Location : West End Only									
Explanation : Sidewalk									
Wearing Surface									
	Asphalt	100%	4+	\$1,900	2029		* *	5	\$600
Cracks, Extent : Light, Area Affected : 15%									
Location : Random Locations Throughout									
Fascias									
	Masonry: Limestone	60%			LIFE		* *	3-10	\$22,500
	Masonry: Granite	40%			LIFE		* *	3-15	\$12,700
Superstructure									
Deck,Structural									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK NETHERMEAD ARCHES**  
**Asset # : 13458**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Primary Member									
	Masonry: Brick	10%	2-4	\$34,800	LIFE	* *	3-5	\$7,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout, Severe On East And West Ends									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Spalling, Extent : Moderate, Area Affected : 2%									
Location : Scattered Locations Throughout									
Other Observation, Extent : Severe, Area Affected : 33%									
Location : South Passageway									
Explanation : Safety Delaminated Brick Over Pedestrian Areas. Water Penetration Evident On East And West Ends									
	Masonry: Stone	5%	2-4	\$10,000	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
Spalling, Extent : Moderate, Area Affected : 50%									
Location : Outer Arch Members									
Vegetation Growth, Extent : Moderate, Area Affected : 50%									
Location : Outer Arch Members									
Water Penetration, Extent : Moderate, Area Affected : 50%									
Location : Outer Arch Members									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges		\$100,000
<b>Total</b>		<b>\$100,000</b>
Importance Code C		\$100,000
<b>Total</b>		<b>\$100,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$800	\$200		
<b>Total</b>	<b>\$800</b>	<b>\$200</b>		
Importance Code A				
Importance Code C	\$800	\$200		
<b>Total</b>	<b>\$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**  
**PROSPECT PARK ROCK ARCH BRIDGE - 0052**

**Asset # : 1138**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
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	* *	5	\$1,500	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	* *	5	\$200	
Stream Channel, Extent : Light, Area Affected : 100%								
Location : Throughout								
Approaches								
Pavement								
Asphalt	100%			2027	\$4,000			
Embankment								
Riprap	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Stone Rough Work	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Boulders								
Deck Elements								
Railings/Parapets								
Stone Rough Work	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Boulders								
Wearing Surface								
Asphalt	100%			2027	\$300	5		
Fascias								
Stone Rough Work	100%			2025	\$100,000	5-15	\$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Boulders								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Primary Member

Masonry: Stone

100%

LIFE

\* \*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$693,000	\$23,600
<b>Total</b>	<b>\$693,000</b>	<b>\$23,600</b>
Importance Code A	\$524,300	
Importance Code B	\$168,700	\$23,600
<b>Total</b>	<b>\$693,000</b>	<b>\$23,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$118,300			\$27,300
<b>Total</b>	<b>\$118,300</b>			<b>\$27,300</b>
Importance Code A	\$18,400			
Importance Code B	\$12,500			\$17,800
Importance Code C	\$87,400			\$9,500
<b>Total</b>	<b>\$118,300</b>			<b>\$27,300</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 TERRACE BRIDGE**  
**Asset # : 13462**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Abutments									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	* *				
Stem (breastwall)									
Masonry: Brick	80%	0-2	\$168,700	LIFE	* *	3-5	\$46,200		
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%									
Location : Random Locations Throughout									
Efflorescence, Extent : Moderate, Area Affected : 50%									
Location : Random Locations Throughout									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Masonry: Brownstone	20%			LIFE	* *	3-15	\$16,900		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Masonry Stone At Base Of Breastwall									
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	* *				
Piles									
Not Accessible	100%								
Walls									
Masonry: Brownstone	100%	4+	\$27,400	LIFE	* *	3-5	\$30,000		
Efflorescence, Extent : Moderate, Area Affected : 10%									
Location : Random Locations Throughout									
Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%									
Location : Random Locations Throughout									
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%									
Location : Southeast									
Spalling, Extent : Moderate, Area Affected : 5%									
Location : Upstream Side									
Feature Crossed									
Bank Protection									
Masonry	90%			LIFE	* *				
Masonry	10%			LIFE	* *				
Other Observation, Extent : Light, Area Affected : 100%									
Location : Channel Wall									
Explanation : Granite									
Mat (scour & erosion)									
Not Accessible	100%								
Approaches									
Pavement									
Asphalt	100%	2-4	\$12,000	2033	* *				
Cracks, Extent : Moderate, Area Affected : 40%									
Location : Random Locations Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PROSPECT PARK TERRACE BRIDGE**  
**Asset # : 13462**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Granite	50%	2-4	\$2,800	LIFE	* *	5	\$100	
	Settlement, Extent : Moderate, Area Affected : 100%							
	Location : Along The South Side							
	Vegetation Growth, Extent : Moderate, Area Affected : 100%							
	Location : Along The South Side							
No Component	50%							
Embankment								
Earth	100%	2-4	\$34,100	LIFE	* *			
	Erosion, Extent : Severe, Area Affected : 100%							
	Location : South Corners							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Brownstone/Sandstone	100%	4+	\$3,600	LIFE	* *			
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout							
Deck Elements								
Curbs								
Granite	50%	4+	\$1,300	LIFE	* *			
	Settlement, Extent : Moderate, Area Affected : 50%							
	Location : Along The South Side							
	Vegetation Growth, Extent : Moderate, Area Affected : 100%							
	Location : Along The South Side							
No Component	50%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Curb Exists On East Side Only							
Railings/Parapets								
Cast Stone	100%	4+	\$10,800	LIFE	* *			
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
	Location : Both Sides							
	Corrosion, Extent : Light, Area Affected : 60%							
	Location : Random Locations Throughout							
Wearing Surface								
Asphalt	100%	2-4	\$13,900	2029	* *	5	\$700	
	Cracks, Extent : Severe, Area Affected : 50%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Light, Area Affected : 30%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Along The Parapet Walls							
	Explanation : Vegetation Growth							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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			
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	\$203,500	2029		* *		
		Efflorescence, Extent : Moderate, Area Affected : 60%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 60%							
		Location : Random Locations Throughout							
		Explanation : Missing Mortar At Joints With Active Water Leak							
	Steel	10%			LIFE		* *		
		Corrosion, Extent : Severe, Area Affected : 60%							
		Location : Random Locations Throughout							
Primary Member									
	Steel	100%	4+	\$320,800	LIFE		* *		
		Corrosion, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
		Explanation : Delaminations Of Arch Members And Broken/ Missing Pieces							
Secondary Member									
	Steel	100%	4+	\$7,000	LIFE		* *	4-8	\$196,400
		Corrosion, Extent : Severe, Area Affected : 60%							
		Location : Random Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$264,800	\$8,600
<b>Total</b>	<b>\$264,800</b>	<b>\$8,600</b>
Importance Code A	\$264,800	
Importance Code B		\$8,600
<b>Total</b>	<b>\$264,800</b>	<b>\$8,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$60,500	\$1,200	\$600	\$6,200
<b>Total</b>	<b>\$60,500</b>	<b>\$1,200</b>	<b>\$600</b>	<b>\$6,200</b>
Importance Code A	\$55,600		\$600	
Importance Code B	\$4,900			
Importance Code C		\$1,200		\$6,200
<b>Total</b>	<b>\$60,500</b>	<b>\$1,200</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		
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	
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : East Side Of Bridge							
	Explanation : No Stem Wall On West Side, Only Pier							
Concrete	50%			LIFE	**	5	\$400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Not Accessible							
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	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : East Abutment							
	Explanation : This Asset Is Supported By A Pier On The West Side							
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE	**	5	\$2,200	
Approaches								
Pavement								
Asphalt	30%			2028	\$5,100			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : West Side Approach, Random Locations Throughout							
	Explanation : Earth Approach, Vegetation Growth							
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Mat (scour & erosion)									
Single Type	100%			LIFE		**			
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Masonry	100%			2036		**	5	\$1,300	
Other Observation, Extent : Light, Area Affected : 1%									
Location : Random Locations Throughout									
Explanation : Joint Mortar Missing/ Broken									
Piers									
Cap Beam									
Steel	100%			LIFE		**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : Western Stairs									
Explanation : Located Under Western Stairs									
Pier,Columns									
Steel	50%	Now	\$2,700	LIFE		**			
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Southwest Staircase									
Explanation : Abandoned Staircase Due To Poor Corroded Condition, Fenced Off.									
Steel	50%	4+	\$2,200	LIFE		**			
Other Observation, Extent : Light, Area Affected : 15%									
Location : Random Locations Throughout									
Explanation : Corrosion To Steel Staircase At Northwest Approach.									
Stem,Solid Pier									
Concrete	100%			LIFE		**			
Other Observation, Extent : Light, Area Affected : 100%									
Location : West Side									
Explanation : This Asset Is Supported By A Pier On The West Side									
Brngs,Ancr Blts,Pads									
Elastomeric	100%			2047		**			
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE		**			
Piles									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete	80%			2047		**			
Concrete	20%	4+	\$3,400	2047		**			
Cracks, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W 148TH ST PEDESTRIAN BRIDGE**  
**Asset # : 14226**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Steel	100%	4+	\$27,200	LIFE	* *			
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Entire Bridge							
		Explanation : Through Girders Serve As Parapets, Steel Fence Attached Atop The Girders.							
	Wearing Surface								
	Concrete	2%	Now		2036	* *			
		Spalling, Extent : Light, Area Affected : 50%							
		Location : Random Locations Throughout							
	Concrete	98%			2036	* *			
Superstructure									
	Deck,Structural								
	Concrete	100%	4+	\$264,800	LIFE	* *	5	\$1,600	
		Delaminations, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Joints									
	Single Type	100%			LIFE	* *			
Primary Member									
	Steel	80%			LIFE	* *			
	Steel	20%	4+	\$25,000	LIFE	* *			
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : At Floor Beam Connections, Top Flange At Posts, Web At Curb Line, Bottom Flange At Exterior Stiffeners							
		Explanation : Corrosion And Paint Peeling							
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges		\$98,500
<b>Total</b>		<b>\$98,500</b>
Importance Code C		\$98,500
<b>Total</b>		<b>\$98,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$47,300		\$200	\$19,700
<b>Total</b>	<b>\$47,300</b>		<b>\$200</b>	<b>\$19,700</b>
Importance Code A	\$6,800		\$200	
Importance Code B	\$1,400			
Importance Code C	\$39,100			\$19,700
<b>Total</b>	<b>\$47,300</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			
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	* *			
				Other Observation, Extent : Light, Area Affected : 2%					
				Location : North Abutment					
				Explanation : Spalling					
	Stem (breastwall)								
	Concrete	100%	4+	\$1,300	LIFE	* *	5	\$600	
				Spalling, Extent : Light, Area Affected : 1%					
				Location : Southeast Corner					
				Other Observation, Extent : Severe, Area Affected : 70%					
				Location : Throughout					
				Explanation : Paint Peeling					
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Granite	100%	4+	\$30,800	LIFE	* *	3-5	\$56,700	
				Joint Mortar Miss/Erod, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
				Staining/Scaling, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Other Observation, Extent : Moderate, Area Affected : 10%					
				Location : Random Locations Throughout					
				Explanation : Efflorescence					
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$300	
Approaches									
	Pavement								
	Asphalt	100%	4+	\$4,900	2028	\$98,500			
				Cracks, Extent : Moderate, Area Affected : 20%					
				Location : Along Centerline And At Random Locations					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$3,600	LIFE		**		
			Cracks, Extent : Light, Area Affected : 4%					
			Location : Random Locations Throughout					
			Settlement, Extent : Light, Area Affected : 4%					
			Location : Random Locations Throughout					
			Spalling, Extent : Light, Area Affected : 4%					
			Location : Random Locations Throughout					
			Vegetation Growth, Extent : Light, Area Affected : 15%					
			Location : Random Locations Throughout					
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		**		
			Cracks, Extent : Light, Area Affected : 4%					
			Location : Random Locations Throughout					
			Vegetation Growth, Extent : Moderate, Area Affected : 5%					
			Location : Random Locations Throughout					
Median								
Granite	100%			LIFE		**		
Railings/Parapets								
Masonry	100%			2036		**	5	\$400
			Other Observation, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout					
			Explanation : Vegetation Growth					
Wearing Surface								
Asphalt	100%	4+	\$800	2028	\$7,800	5		\$100
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Along Centerline And At Random Locations					
Fascias								
Masonry: Schist/Gneiss	100%	4+	\$2,600	LIFE		**	3-5	\$7,200
			Efflorescence, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout					
			Other Observation, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout					
			Explanation : Rust Stains					
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**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Primary Member

Concrete

100% 4+ \$2,300 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$60,400	\$88,600
<b>Total</b>	<b>\$60,400</b>	<b>\$88,600</b>
Importance Code C	\$60,400	\$88,600
<b>Total</b>	<b>\$60,400</b>	<b>\$88,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$24,500		\$200	\$15,800
<b>Total</b>	<b>\$24,500</b>		<b>\$200</b>	<b>\$15,800</b>
Importance Code A	\$10,300		\$200	
Importance Code C	\$14,200			\$15,800
<b>Total</b>	<b>\$24,500</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			
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		
	Other Observation, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Explanation : Paint Peeling								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Granite	100%	4+	\$60,400	LIFE	* *	3-5	\$44,400	
	Efflorescence, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Northeast Wingwall Vertical Joint Filler Eroded								
	Staining/Scaling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$300	
Approaches									
	Pavement								
	Asphalt	100%	4+	\$8,900	2028	\$88,600			
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Curbs								
	Concrete	100%	4+	\$1,600	LIFE	* *			
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	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		
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+	\$3,500	LIFE		**		
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : At North Approach								
	Corrosion, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Scupper								
	Cast Iron	100%			LIFE		**		
Deck Elements									
	Curbs								
	Concrete	60%			2047		**		
	Concrete	40%	0-2	\$1,800	2057		**		
	Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
	Location : East Curb								
	Vegetation Growth, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout								
	Median								
	Granite	100%			LIFE		**		
	Railings/Parapets								
	Masonry	100%			2036		**	5	\$400
	Wearing Surface								
	Asphalt	100%	4+	\$3,000	2028	\$7,600	5		\$100
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Fascias								
	Masonry: Schist/Gneiss	100%	4+	\$2,300	LIFE		**	3-5	\$6,500
	Efflorescence, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Superstructure									
	Primary Member								
	Concrete	95%			LIFE		**		
	Concrete	5%	4+	\$3,400	LIFE		**		
	Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
	Location : At Center Of Arch								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$2,980,900	\$39,700
<b>Total</b>	<b>\$2,980,900</b>	<b>\$39,700</b>
Importance Code A	\$109,500	
Importance Code B	\$2,871,400	
Importance Code C		\$39,700
<b>Total</b>	<b>\$2,980,900</b>	<b>\$39,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$76,400			\$4,700
<b>Total</b>	<b>\$76,400</b>			<b>\$4,700</b>
Importance Code A	\$18,900			
Importance Code B	\$25,000			\$4,700
Importance Code C	\$32,500			
<b>Total</b>	<b>\$76,400</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**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM HENRY HUDSON**  
**Asset # : 14217**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$1,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Covered With Asphalt								
Mat (scour & erosion)								
Single Type	100%	4+	\$7,400	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Cracks And Potholes In Asphalt								
Stem (breastwall)								
Concrete	25%	4+	\$1,200	LIFE		* *	5	\$600
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Masonry: Granite	75%	4+	\$6,500	LIFE		* *	3-5	\$14,900
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		* *	5	\$400
Approaches								
Pavement								
Asphalt	75%			2028	\$39,700			
Asphalt	25%	Now	\$13,200	2032		* *		
Broken,Missing Pave, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Cracks, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Curbs								
Concrete	100%	4+	\$2,100	LIFE		* *		
Spalling, Extent : Light, Area Affected : 2%								
Location : Various Locations Along Curb Lines								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	50%			2036	**				
Steel	50%			LIFE	**				
Piers									
Cap Beam									
Concrete Encased Steel	80%			LIFE	**				
Concrete Encased Steel	20%	4+	\$14,600	LIFE	**				
Other Observation, Extent : Moderate, Area Affected : 30%									
Location : Random Locations Throughout									
Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges									
Pier,Columns									
Concrete Encased Steel	80%			LIFE	**				
Concrete Encased Steel	20%	4+	\$2,871,400	LIFE	**				
Other Observation, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges									
Stem,Solid Pier									
Concrete	100%	4+	\$4,600	LIFE	**				
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE	**				
Piles									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete	80%			2047	**				
Concrete	20%	4+	\$2,200	2047	**				
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 15%									
Location : Random Locations Throughout									
Vegetation Growth, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Wearing Surface									
Asphalt	80%			2028	\$9,100	5	\$300		
Asphalt	20%	4+	\$2,300	2032	**	5			
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST EXIT RAMP FROM HENRY HUDSON**  
**Asset # : 14217**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Scupper								
	Cast Iron	100%	0-2	\$15,700	LIFE		**		
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Explanation : Clogged With Dirt And Vegetation									
Superstructure									
	Deck,Structural								
	Concrete	90%			LIFE	**	5	\$1,000	
	Concrete	10%	4+	\$56,500	LIFE	**	5	\$100	
Efflorescence, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Exposed Reinforcement, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Primary Member									
	Concrete Encased Steel	90%			LIFE	**	5	\$1,100	
	Concrete Encased Steel	10%	4+	\$53,000	LIFE	**	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges									
Secondary Member									
	Concrete Encased Steel	83%			2055	**			
	Concrete Encased Steel	17%	4+	\$5,300	2067	**			
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$1,710,100	\$191,800
<b>Total</b>	<b>\$1,710,100</b>	<b>\$191,800</b>
Importance Code A	\$633,800	
Importance Code B	\$1,076,400	
Importance Code C		\$191,800
<b>Total</b>	<b>\$1,710,100</b>	<b>\$191,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$117,100			
<b>Total</b>	<b>\$117,100</b>			
Importance Code A	\$47,900			
Importance Code B	\$30,600			
Importance Code C	\$38,600			
<b>Total</b>	<b>\$117,100</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 BRIDGE W79TH ST EXIT RAMP FROM ROTUNDA GARAGE**  
**Asset # : 14218**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments									
	Bridge Seat&pedestals								
	Not Accessible	100%							
	Backwall								
	Not Accessible	100%							
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Not Accessible	100%							
	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+	\$17,300	2028	\$172,600			
		Cracks, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Settlement							
	Asphalt	10%	Now	\$7,700	2028	\$19,200			
		Broken,Missing Pave, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
Curbs									
	Concrete	100%	4+	\$1,800	LIFE		* *		
		Cracks, Extent : Light, Area Affected : 5%							
		Location : End Approach							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
	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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete Encased Steel	100%	4+	\$289,000	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Concrete Encasement Missing And Steel Corrosion								
Pier,Columns								
Concrete Encased Steel	8%	4+	\$1,076,400	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Concrete Encasement Missing And Steel Corrosion; 5 Percent Light Delamination								
Concrete Encased Steel	92%			LIFE		* *		
Stem,Solid Pier								
Concrete	100%	4+	\$12,600	LIFE		* *		
Delaminations, Extent : Light, Area Affected : 2%								
Location : Random								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	70%			2047		* *		
Concrete	30%	4+	\$11,000	2057		* *		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Thoughout								
Explanation : Large Grass Strip Between Eastern Curb And Raised Roadway								
Railings/Parapets								
Concrete	50%	4+	\$900	2036		* *		
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Parapet At Interior Wall Of Rotunda								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Parapet At Exterior Wall Of Rotunda								
Explanation : Granite Parapet Is Not Part Of This Asset. It Is Part Of Wall Asset 14242								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
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+	\$6,200	2028	\$20,500	5	\$300	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Settlement							
	Concrete	50%	4+	\$7,500	2036	* *			
		Cracks, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
Superstructure									
	Deck,Structural								
	Concrete	90%			LIFE	* *	5	\$3,700	
	Concrete	10%	4+	\$34,100	LIFE	* *	5	\$400	
		Cracks, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
Primary Member									
	Concrete Encased Steel	80%	4+	\$344,700	LIFE	* *	5	\$3,300	
		Other Observation, Extent : Light, Area Affected : 8%							
		Location : Random Locations Throughout							
		Explanation : Concrete Encasement Missing And Steel Corrosion							
	Concrete Encased Steel	20%			LIFE	* *	5	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
Secondary Member									
	Concrete Encased Steel	80%	4+	\$18,000	2055	* *			
		Other Observation, Extent : Light, Area Affected : 8%							
		Location : Random Locations Throughout							
		Explanation : Concrete Encasement Missing And Steel Corrosion							
	Concrete Encased Steel	20%			2055	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$510,000	\$276,400
<b>Total</b>	<b>\$510,000</b>	<b>\$276,400</b>
Importance Code A	\$344,300	
Importance Code B	\$125,400	
Importance Code C	\$40,200	\$276,400
<b>Total</b>	<b>\$510,000</b>	<b>\$276,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$85,000			
<b>Total</b>	<b>\$85,000</b>			
Importance Code A	\$12,200			
Importance Code B	\$12,600			
Importance Code C	\$60,200			
<b>Total</b>	<b>\$85,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST PEDESTRIAN PLAZA ROTUNDA**  
**Asset # : 14222**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Single Type	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$900
Approaches								
Pavement								
Asphalt	100%	4+	\$27,600	2028	\$276,400			
Other Observation, Extent : Light, Area Affected : 10%								
Location : End Approach Right Side At Stairs To Span 10								
Explanation : Depressed And Cracked Surface								
Embankment								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Cobblestone	100%	4+	\$23,900	LIFE		**		
Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete Encased Steel	100%	4+	\$194,600	LIFE		**		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : A Portion Of Concrete Encasement Is Missing And Broken								
Pier,Columns								
Concrete Encased Steel	100%	4+	\$125,400	LIFE		**		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : A Portion Of Concrete Encasement Is Missing And Broken								
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		
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	\$10,900	LIFE		**		
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Throughout Joint Between Rotunda And Pedestrian Plaza								
	Explanation : Three Different Materials Are Used (Steel, Galvanized Steel, And Wood Plank), Steel Is Heavily Corroded.								
Median									
	Granite	100%	4+	\$1,300	LIFE		**		
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Center Of Rotunda								
	Explanation : Joint Mortar Missing And Vegetation Growth								
Wearing Surface									
	Brick	50%			2040		**		
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Explanation : Brick Paver								
	Cobblestone	40%	4+	\$8,700	2032		**		
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Cracks, Spalling, And Settlement								
	Cobblestone	10%			2032		**		
Superstructure									
	Deck,Structural								
	Concrete	25%	2-4	\$49,200	LIFE		**	5	\$1,500
	Efflorescence, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Leakage, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Rust Stains, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Concrete	75%			LIFE		**	5	\$4,400
Joints									
	Single Type	100%	0-2	\$40,200	LIFE		**		
	Other Observation, Extent : Severe, Area Affected : 75%								
	Location : Throughout								
	Explanation : Circular Drainage Through Exhibit Severe Corrosion And Delamination At Underside And Broken Grating At Top Side.								
Primary Member									
	Concrete Encased Steel	100%	4+	\$100,500	LIFE		**	5	\$21,200
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout								
	Explanation : Concrete Encasement Missing And Steel Corroded								

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST PEDESTRIAN PLAZA ROTUNDA**  
**Asset # : 14222**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Superstructure

Secondary Member

Concrete Encased Steel      100%      4+      \$12,600      2067      \* \*

*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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Park Bridges	\$344,700	\$183,800
<b>Total</b>	<b>\$344,700</b>	<b>\$183,800</b>
Importance Code A	\$344,700	
Importance Code C		\$183,800
<b>Total</b>	<b>\$344,700</b>	<b>\$183,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$112,200			
<b>Total</b>	<b>\$112,200</b>			
Importance Code A	\$60,800			
Importance Code B	\$26,600			
Importance Code C	\$24,800			
<b>Total</b>	<b>\$112,200</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 FROM TRAFFIC CIRCLE TO PARK**  
**Asset # : 14220**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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	100%	4+	\$9,200	2028	\$183,800			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%	4+	\$3,300	LIFE		**		
Cracks, Extent : Light, Area Affected : 5%								
Location : End Approach								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Concrete Encased Steel	100%	4+	\$15,200	LIFE		**		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Concrete Encasement Missing And Steel Corrosion								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers									
	Pier,Columns								
	Concrete Encased Steel	70%			LIFE		* *		
	Concrete Encased Steel	30%	4+	\$5,100	LIFE		* *		
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Explanation : Concrete Encasement Missing And Steel Corrosion; 5 Percent Light Delamination								
	Stem,Solid Pier								
	Concrete	100%	4+	\$3,500	LIFE		* *		
	Delaminations, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Brngs,Ancr Blts,Pads								
	Not Accessible	100%							
	Footings								
	Not Accessible	100%							
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete	70%			2047		* *		
	Concrete	30%	4+	\$5,100	2047		* *		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Random Locations Throughout								
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Large Grass Strip Between Eastern Curb And Raised Roadway								
	Railings/Parapets								
	Concrete	50%	4+	\$4,400	2036		* *		
	Cracks, Extent : Light, Area Affected : 5%								
	Location : Parapet At Interior Wall Of Rotunda								
	Spalling, Extent : Light, Area Affected : 2%								
	Location : Parapet At Interior Wall Of Rotunda								
	No Component	50%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Parapet At Exterior Wall Of Rotunda								
	Explanation : Granite Parapet Is Not Part Of This Asset. It Is Part Of Wall Asset 14242								

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**  
**RIVERSIDE PARK BRIDGE W79TH ST RAMP FROM TRAFFIC CIRCLE TO PARK**  
**Asset # : 14220**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Wearing Surface								
	Asphalt	50%	4+	\$5,900	2028	\$19,700	5	\$300	
		Cracks, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Revelling							
	Concrete	50%	4+	\$1,800	2036	* *			
		Cracks, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
Scupper									
	Cast Iron	100%	2-4	\$7,900	LIFE	* *			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Clogged With Dirt And Vegetation							
Superstructure									
	Deck,Structural								
	Concrete	10%	4+	\$32,700	LIFE	* *	5	\$400	
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
	Concrete	90%			LIFE	* *	5	\$3,500	
Primary Member									
	Concrete Encased Steel	80%	4+	\$344,700	LIFE	* *	5	\$3,300	
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Concrete Encasement Missing And Steel Corrosion							
	Concrete Encased Steel	20%			LIFE	* *	5	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							
Secondary Member									
	Concrete Encased Steel	80%	4+	\$18,000	2055	* *			
		Other Observation, Extent : Light, Area Affected : 8%							
		Location : Random Locations Throughout							
		Explanation : Concrete Encasement Missing And Steel Corrosion							
	Concrete Encased Steel	20%			2055	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Not Accessible							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Park Bridges	\$212,600	\$44,900
<b>Total</b>	<b>\$212,600</b>	<b>\$44,900</b>
Importance Code A	\$212,600	
Importance Code C		\$44,900
<b>Total</b>	<b>\$212,600</b>	<b>\$44,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Park Bridges	\$78,600			\$5,200
<b>Total</b>	<b>\$78,600</b>			<b>\$5,200</b>
Importance Code A	\$4,400			
Importance Code B	\$44,100			\$5,200
Importance Code C	\$30,200			
<b>Total</b>	<b>\$78,600</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		
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		**		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%			LIFE		**		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : North Abutment								
Explanation : Covered With Asphalt								
Mat (scour & erosion)								
Single Type	100%	2-4	\$14,800	LIFE		**		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Explanation : Cracks And Potholes In Asphalt, Spalls To Concrete Curb								
Stem (breastwall)								
Concrete Encased Steel	25%	4+	\$3,400	LIFE		**	5	\$600
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Concrete Encased Steel Cap Beam Between Center And Right Columns								
Explanation : Spalled Encasement Corroded Bottom Flange								
Masonry: Granite	75%	4+	\$7,300	LIFE		**	3-5	\$16,600
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		**	5	\$500
Approaches								
Pavement								
Asphalt	100%	4+	\$2,200	2028	\$44,900			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Approaches									
Embankment									
Earth	100%			LIFE		* *			
Pavement Base									
Not Accessible	100%								
Piers									
Cap Beam									
Concrete Encased Steel	80%			LIFE		* *			
Concrete Encased Steel	20%	4+	\$1,900	LIFE		* *			
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges									
Pier,Columns									
Concrete Encased Steel	80%			LIFE		* *			
Concrete Encased Steel	20%	4+	\$7,300	LIFE		* *			
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout									
Explanation : Delamination, Spalled Concrete Cover And Corrosion To Bottom Flanges									
Stem,Solid Pier									
Concrete	100%	4+	\$2,100	LIFE		* *			
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 1%									
Location : Random Locations Throughout									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Single Type	100%			LIFE		* *			
Piles									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete	100%	4+	\$2,400	2047		* *			
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Exposed Reinforcement, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Vegetation Growth, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Wearing Surface									
Asphalt	100%	Now	\$9,600	2032		* *	5	\$200	
Cracks, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 80%									
Location : Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Scupper								
	Cast Iron	100%	0-2	\$15,700	LIFE		* *		
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Clogged With Dirt And Vegetation							
Superstructure									
	Deck,Structural								
	Concrete	100%	4+	\$80,000	LIFE		* *	5	\$1,000
		Cracks, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
		Leakage, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
Primary Member									
	Concrete Encased Steel	100%	4+	\$132,600	LIFE		* *	5	\$1,300
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Cracks In Concrete Encasement. Spalled Encasement With Exposed Corroded Bottom Flange							
Secondary Member									
	Concrete Encased Steel	100%	4+	\$9,300	2055		* *		
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout							
		Explanation : Cracked And Spalled Encasement Of Knee Brace Corroded Steel							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Park Bridges	\$50,631,300	\$624,400
<b>Total</b>	<b>\$50,631,300</b>	<b>\$624,400</b>
Importance Code A	\$3,235,200	
Importance Code B	\$47,396,100	
Importance Code C		\$624,400
<b>Total</b>	<b>\$50,631,300</b>	<b>\$624,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$88,500		\$54,600	\$500
<b>Total</b>	<b>\$88,500</b>		<b>\$54,600</b>	<b>\$500</b>
Importance Code A	\$37,900			
Importance Code B	\$21,400			
Importance Code C	\$29,300		\$54,600	\$500
<b>Total</b>	<b>\$88,500</b>		<b>\$54,600</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 BRIDGE W79TH ST TRAFFIC CIRCLE**  
**Asset # : 14219**

Park Bridges		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	20%	4+	\$2,600	LIFE		* *		
	Leakage, Extent : Light, Area Affected : 8%							
	Location : Random Locations Throughout							
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Concrete	80%			LIFE		* *		
Footings								
Not Accessible	100%							
Joint with Deck								
Single Type	100%	0-2	\$8,800	LIFE		* *		
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : Joint Is Paved Over With Asphalt And Asphalt At Joint Is In Poor Condition							
Mat (scour & erosion)								
Single Type	100%			LIFE		* *		
Stem (breastwall)								
Concrete	100%	4+	\$12,600	LIFE		* *	5	\$5,700
	Leakage, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Feature Crossed								
Mat (scour & erosion)								
Single Type	100%			LIFE		* *	5	\$1,000
Approaches								
Pavement								
Asphalt	90%			2028	\$342,100			
Asphalt	10%	2-4	\$7,600	2028	\$38,000			
	Cracking/Crumbling, Extent : Light, Area Affected : 2%							
	Location : At Joint							
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : At Joint							
	Explanation : Settlement							
Curbs								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	\$5,500	LIFE		* *		
	Exposed Reinforcement, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Embankment								
Earth	100%			LIFE		* *		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE**  
**Asset # : 14219**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches									
	Guide Railing								
	Concrete	100%	4+	\$2,400	2036		* *		
				Cracks, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
	Pavement Base								
	Not Accessible	100%							
	Sidewalks								
	Asphalt	100%			2025	\$162,900	4	\$109,200	
Piers									
	Cap Beam								
	Concrete Encased Steel	70%			LIFE		* *		
	Concrete Encased Steel	30%	2-4	\$810,400	LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 20%					
				Location : Random Locations Throughout					
				Explanation : Concrete Encasement Missing, Concrete Delamination And Steel Corrosion					
	Pier,Columns								
	Concrete Encased Steel	85%			LIFE		* *		
	Concrete Encased Steel	15%	2-4	\$47,132,500	LIFE		* *		
				Other Observation, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Explanation : Concrete Encasement Missing, Concrete Delamination And Steel Corrosion					
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE		* *		
	Piles								
	Not Accessible	100%							
Deck Elements									
	Curbs								
	Concrete	40%	2-4	\$13,500	2047		* *		
				Cracks, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Exposed Reinforcement, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 15%					
				Location : Random Locations Throughout					
	Concrete	60%			2047		* *		

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**  
**RIVERSIDE PARK BRIDGE W79TH ST TRAFFIC CIRCLE**  
**Asset # : 14219**

Park Bridges		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railings/Parapets								
	Granite	80%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Parapet At Interior Wall Of Rotunda							
		Explanation : Good Condition							
	Granite	20%	2-4	\$16,500	LIFE		* *		
		Joints Missing, Extent : Severe, Area Affected : 15%							
		Location : Throughout, Parapet At Interior Wall Of Rotunda							
		Vegetation Growth, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout, Parapet At Interior Wall Of Rotunda							
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout, Parapet At Interior Wall Of Rotunda							
		Explanation : Efflorescence							
Sidewalks									
	Concrete	75%			2032		* *	5	\$1,000
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Throughout							
		Explanation : Stairs On Either Side Of The Roadway. A Wood Ramp On North Side Of Stairway							
	Concrete	25%	4+	\$3,500	2032		* *	5	\$200
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout							
Wearing Surface									
	Asphalt	65%			2028	\$52,900	5		\$1,700
	Asphalt	35%	2-4	\$11,400	2028	\$28,500	5		\$400
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Explanation : Settlement							
Scupper									
	Cast Iron	100%	4+	\$4,200	LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Clogged With Debris							
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 W79TH ST TRAFFIC CIRCLE**  
**Asset # : 14219**

Park Bridges		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
	Deck,Structural								
	Concrete	60%	4+	\$406,000	LIFE	* *	5	\$4,800	
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Exposed Reinforcement, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Leakage, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
	Concrete	40%			LIFE	* *	5	\$3,200	
Primary Member									
	Concrete Encased Steel	100%	4+	\$2,018,700	LIFE	* *	5	\$19,300	
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Concrete Encasement Missing And Steel Corrosion							
Secondary Member									
	Concrete Encased Steel	100%	4+	\$263,600	2055	* *			
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Concrete Encasement Missing And Steel Corrosion							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Park Bridges	\$34,200			\$14,800
<b>Total</b>	<b>\$34,200</b>			<b>\$14,800</b>
Importance Code A	\$14,000			
Importance Code B	\$3,000			
Importance Code C	\$17,100			\$14,800
<b>Total</b>	<b>\$34,200</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			
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+	\$3,000	LIFE	* *	5	\$1,400	
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Spalling, Extent : Light, Area Affected : 1%								
	Location : Random Locations Throughout								
Wingwalls									
	Footings								
	Not Accessible	100%							
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *			
	Piles								
	Not Accessible	100%							
	Walls								
	Masonry: Schist/Gneiss	100%	4+	\$11,000	LIFE	* *	3-5	\$30,700	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Moderate, Area Affected : 5%								
	Location : Random Locations Throughout								
Feature Crossed									
	Mat (scour & erosion)								
	Single Type	100%			LIFE	* *	5	\$700	
Deck Elements									
	Fascias								
	Masonry: Schist/Gneiss	100%	4+	\$6,200	LIFE	* *	3-5	\$17,300	
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Joint Mortar Miss/Erod, Extent : Light, Area Affected : 4%								
	Location : Random Locations Throughout								
Superstructure									
	Primary Member								
	Concrete	100%	4+	\$14,000	LIFE	* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Cracks, Extent : Light, Area Affected : 3%								
	Location : Random Locations Throughout								
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Explanation : Paint Peeling								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$314,600	\$602,100
<b>Total</b>	<b>\$314,600</b>	<b>\$602,100</b>
Importance Code A	\$146,700	
Importance Code B	\$48,200	\$602,100
Importance Code C	\$119,700	
<b>Total</b>	<b>\$314,600</b>	<b>\$602,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$76,500	\$20,500	\$1,200	
<b>Total</b>	<b>\$76,500</b>	<b>\$20,500</b>	<b>\$1,200</b>	
Importance Code A				
Importance Code B	\$17,900	\$20,500		
Importance Code C	\$58,600		\$1,200	
<b>Total</b>	<b>\$76,500</b>	<b>\$20,500</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Concrete	10%			LIFE	**	5	\$3,100	
		Cracking, Extent : Light, Area Affected : 15% Location : Throughout							
	Not Accessible	90%							
	Deck Surface								
	Asphalt Pavers	40%	Now	\$119,700	2036	**			
		Missing Part, Extent : Severe, Area Affected : 100% Location : At Offshore End Of Pier And Throughout							
	Asphalt Pavers	20%			2036	**			
		Cracking, Extent : Light, Area Affected : 5% Location : Throughout							
		Surface Wearing/Scaling, Extent : Light, Area Affected : 5% Location : Isolated Throughout							
	Concrete	20%	Now	\$29,900	2042	**	5	\$1,200	
		Broken, Extent : Severe, Area Affected : 20% Location : Throughout							
		Erosion, Extent : Severe, Area Affected : 20% Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 10% Location : West End Of Pier							
		Explanation : Stairs At The West End Are Displaced							
	Concrete	20%			2036	**	5	\$2,300	
	Pile Caps								
	Not Accessible	100%							
	Piles and Bracing								
	Concrete	10%	Now	\$146,700	LIFE	**	5	\$5,300	
		Broken, Extent : Severe, Area Affected : 20% Location : Throughout							
		Exposed Reinforcement, Extent : Severe, Area Affected : 20% Location : Throughout							
	Concrete	20%			LIFE	**	5	\$10,600	
	Spalling, Extent : Moderate, Area Affected : 10% Location : Throughout								
Not Accessible	70%								
Coping/Curb									
Timber	40%	Now	\$28,800	LIFE	**				
	Rotting/Splitting, Extent : Severe, Area Affected : 50% Location : Throughout								
Timber	60%			LIFE	**				
	Rotting/Splitting, Extent : Light, Area Affected : 25% Location : Throughout								
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
	Wales and Chocks								
	Timber	15%	Now	\$17,900	2036	* *	4	\$5,500	
		Rotting/Splitting, Extent : Severe, Area Affected : 50%							
		Location : Several Areas On South Face							
	Timber	85%			2036	* *	4	\$46,400	
Piles									
	Timber	60%			2036	* *	4	\$15,100	
	Not Accessible	40%							
Deck Elements									
	Railing								
	Steel	10%	Now	\$12,000	2025	\$60,200			
		Broken, Extent : Severe, Area Affected : 20%							
		Location : At Base Of Railing							
	Steel	30%	4+	\$36,100	2025	\$180,600			
		Missing Coating, Extent : Moderate, Area Affected : 20%							
		Location : Southwest							
	Steel	60%			2025	\$361,300			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$49,100			\$15,600
<b>Total</b>	<b>\$49,100</b>			<b>\$15,600</b>
Importance Code A	\$48,600			
Importance Code B	\$500			\$5,400
Importance Code C				\$10,200
<b>Total</b>	<b>\$49,100</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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Deck								
	Concrete	50%			LIFE	**	5	\$55,500	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Isolated At Plank Joints							
		Explanation : Efflorescence							
	Not Accessible	50%							
	Deck Surface								
	Concrete	100%			2037	**	5	\$20,400	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Throughout Deck Surface							
Pile Caps	Concrete	100%			LIFE	**	5	\$4,000	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout Pile Caps							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout Pile Caps							
		Explanation : Efflorescence							
	Piles and Bracing								
	Concrete	20%			LIFE	**	5	\$37,700	
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Pile Corners In Tidal Zone							
Fender	Not Accessible	80%							
	Facing								
	Timber	2%			2037	**	3	\$1,300	
		Worn, Extent : Light, Area Affected : 10%							
		Location : Splashzone							
	No Component	95%							
	Not Accessible	3%							
	Piles								
	Steel	2%			2037	**	3-5	\$10,600	
		Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : Splashzone								
Deck Elements	No Component	95%							
	Not Accessible	3%							
	Railing								
	Steel	100%			2026				
		Corrosion, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Missing Connections, Extent : Light, Area Affected : 5%							
		Location : Missing Nuts At Isolated Railing Posts							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$45,400	\$45,400
<b>Total</b>	<b>\$45,400</b>	<b>\$45,400</b>
Importance Code A	\$45,400	\$45,400
<b>Total</b>	<b>\$45,400</b>	<b>\$45,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$8,600			\$8,100
<b>Total</b>	<b>\$8,600</b>			<b>\$8,100</b>
Importance Code A	\$500			
Importance Code B	\$8,100			\$8,100
Importance Code C				
<b>Total</b>	<b>\$8,600</b>			<b>\$8,100</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**  
**79TH STREET BOAT BASIN A DOCK FIXED PIER**  
**Asset # : 14869**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Composite	100%			2058	* *			
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Fiberglass Deck Stringers							
	Deck Surface Timber	100%			2043	* *	5	\$29,800	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout							
	Pile Caps Concrete	100%			LIFE	* *	5	\$1,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout							
Piles and Bracing	Steel	40%			LIFE	* *	5	\$90,800	
	Not Accessible	60%							
Fender Facing	Timber	80%			2043	* *	3	\$32,500	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Throughout							
	Not Accessible	20%							
	Pile Cluster Timber	40%			2033	* *	4-10		
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : With Interior Steel Pipe Piles							
	Not Accessible	60%							
Deck Elements	Railing Steel	100%			2028				
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Perimeter Of Pier							
	Coping/Curb Timber	100%			LIFE	* *			
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Perimeter Of Pier							
Electrical	Conduit Steel	100%			2028				
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : 340 Linear Feet							
	Lighting Fixture Incandescent	100%			2023				
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Four Locations							
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**

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/ Mechanical									
	Power Supply/Bollards								
	Plastic	100%			2028				
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Eight Locations							
Mechanical/ Plumbing									
	Water Supply								
	Galvanized Steel	100%			2028				
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Fire Protection System 300 Liner Feet							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$48,700	\$48,700
<b>Total</b>	<b>\$48,700</b>	<b>\$48,700</b>
Importance Code A	\$48,700	\$48,700
<b>Total</b>	<b>\$48,700</b>	<b>\$48,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$88,600			\$5,900
<b>Total</b>	<b>\$88,600</b>			<b>\$5,900</b>
Importance Code A	\$82,700			
Importance Code B	\$5,900			\$5,900
<b>Total</b>	<b>\$88,600</b>			<b>\$5,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**79TH STREET BOAT BASIN C DOCK PIER**  
**Asset # : 4507**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Timber	100%			LIFE	* *	5	\$97,400	
Pile Caps									
	Timber	100%	4+	\$32,200	LIFE	* *	4	\$91,100	
Rotting/Splitting, Extent : Moderate, Area Affected : 20%									
Location : Isolated Ends									
Piles and Bracing									
	Timber	45%			LIFE	* *	4-5	\$43,600	
	Timber	5%	4+	\$30,400	LIFE	* *	4-5	\$2,600	
Buckling, Extent : Light, Area Affected : 25%									
Location : Isolated Diagonal Braces									
	Not Accessible	50%							
Fender									
Facing									
	Timber	30%			2037	* *	3	\$23,600	
Displaced Elements, Extent : Light, Area Affected : 2%									
Location : Isolated									
	No Component	50%							
	Not Accessible	20%							
Pile Cluster									
	Timber	40%			2026		4-10		
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Rot In Exposed Pile Tops									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : CONCRETE PIER  
**Address** : AT FOOT OF SHARROTT AVE.  
**Borough** : STATEN ISLAND  
**Program / Asset #** : PAR0199.000 / 13941  
**Area Sq Ft** : 2,880  
**Date of Survey** : 24-Dec-2014  
**Areas Surveyed** :  
**Block** : 6690      **Lot** : 1      **BIN** :  
**Agency's Number** : N/A  
**Yr Built/Renovated** :  
**Project Type** : PARKS AND RECREATION  
**Landmark Status** : NONE

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers		\$621,200
<b>Total</b>		<b>\$621,200</b>
Importance Code B		\$621,200
<b>Total</b>		<b>\$621,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$3,300			
<b>Total</b>	<b>\$3,300</b>			
Importance Code A	\$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 &amp; RECREATION - 846

## CONCRETE PIER

Asset # : 13941

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck									
	Concrete	99%			LIFE	**	5	\$5,300	
	Concrete	1%	4+	\$1,700	LIFE	**	5	\$100	
Cracking, Extent : Light, Area Affected : 100%									
Location : Cracking With Efflorescence On 1st And 2nd Precast Deck Segments									
Pile Caps									
	Concrete	98%			LIFE	**	5	\$200	
	Concrete	2%	4+	\$1,600	LIFE	**	5		
Cracking, Extent : Light, Area Affected : 100%									
Location : Crack With Rust Staining On 2nd And 3rd Pile Cap From Shore									
Piles and Bracing									
	Concrete	85%			LIFE	**	5	\$7,800	
	Not Accessible	15%							
Deck Elements									
	Railing								
	Steel	100%			2024	\$621,200			
Other Observation, Extent : Light, Area Affected : 25%									
Location : Throughout									
Explanation : Loss Of Paint									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$173,500	\$505,000
<b>Total</b>	<b>\$173,500</b>	<b>\$505,000</b>
Importance Code A	\$173,500	\$110,300
Importance Code B		\$394,700
<b>Total</b>	<b>\$173,500</b>	<b>\$505,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$13,500			
<b>Total</b>	<b>\$13,500</b>			
Importance Code A	\$11,600			
Importance Code B	\$2,000			
<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**  
**DYCKMAN FISHING PIER**  
**Asset # : 13700**

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Concrete	65%			LIFE	**	5	\$11,700	
	Concrete	2%	0-2	\$5,700	LIFE	**	5	\$200	
	Spalling, Extent : Severe, Area Affected : 100%								
	Location : Northern Inshore Concrete Panel And Isolated Other Panels								
	Steel	28%	4+	\$37,100	2026	\$61,800	5	\$5,700	
	Corrosion, Extent : Light, Area Affected : 100%								
	Location : Throughout Stringers Supporting Concrete Slabs								
	Steel	5%	0-2	\$11,000	2033	**	5	\$1,000	
	Corrosion, Extent : Severe, Area Affected : 100%								
	Location : First 10 Feet Of First Span From Shore								
Pile Caps	Steel	100%	0-2	\$86,300	2033	**	5	\$20,000	
Corrosion, Extent : Moderate, Area Affected : 100%									
Location : Throughout Pier									
Displaced Elements, Extent : Moderate, Area Affected : 10%									
Location : Several Rotated Or Non-centered Pile Cap To Pile Connections									
Piles and Bracing	Steel	65%	4+	\$39,100	LIFE	**	5	\$48,500	
Corrosion, Extent : Moderate, Area Affected : 35%									
Location : In Splash Zone									
Missing Coating, Extent : Moderate, Area Affected : 50%									
Location : Splash And Tidal Zones									
Not Accessible		35%							
Deck Elements									
Railing	Steel	95%			2023	\$375,000			
Corrosion, Extent : Light, Area Affected : 2%									
Location : Throughout									
Missing Coating, Extent : Light, Area Affected : 2%									
Location : Throughout									
	Steel	5%	Now	\$2,000	2028	\$19,700			
Corrosion, Extent : Severe, Area Affected : 100%									
Location : At Northwest Corner And Isolated Along Length Of Pier									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

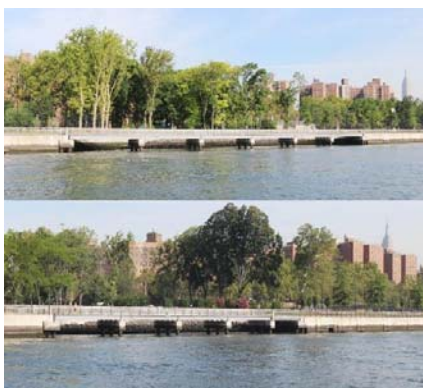
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$210,200	
<b>Total</b>	<b>\$210,200</b>	
Importance Code A	\$210,200	
<b>Total</b>	<b>\$210,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$37,300			\$30,100
<b>Total</b>	<b>\$37,300</b>			<b>\$30,100</b>
Importance Code A	\$37,300			\$30,100
<b>Total</b>	<b>\$37,300</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Concrete	5%			LIFE	* *	5	\$1,600	
	Steel	85%			2032	* *	5	\$60,200	
	Steel	10%	4+	\$7,700	2032	* *	5	\$3,500	
Broken, Extent : Moderate, Area Affected : 100%									
Location : Missing, Broken Deck Connection Clips And Transition Plate Bolts									
Deck Surface									
	Asphalt Pavers	8%			2041	* *			
	No Component	92%							
Pile Caps									
	Concrete	100%			LIFE	* *	5	\$1,100	
Spalling, Extent : Light, Area Affected : 5%									
Location : North Cap Of South Bridge									
Piles and Bracing									
	Steel	20%			LIFE	* *	5	\$52,300	
	Not Accessible	80%							
Deck Elements									
Railing									
	Steel	100%			2026				
Electrical									
Lighting Fixture									
	Sodium	5%	Now	\$2,100	2022	\$10,500			
Broken, Extent : Light, Area Affected : 100%									
Location : North Bridge Southwest Light Fixture									
	Sodium	95%			2022	\$199,700			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$88,800	
<b>Total</b>	<b>\$88,800</b>	
Importance Code B	\$88,800	
<b>Total</b>	<b>\$88,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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)	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	\$88,800			
		<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$93,300	\$466,400
<b>Total</b>	<b>\$93,300</b>	<b>\$466,400</b>
Importance Code B	\$93,300	\$466,400
<b>Total</b>	<b>\$93,300</b>	<b>\$466,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$49,100			
<b>Total</b>	<b>\$49,100</b>			
Importance Code A	\$16,200			
Importance Code C	\$32,900			
<b>Total</b>	<b>\$49,100</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

## LEON S. KAISER PARK PIER

Asset # : 901

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Concrete	10%	4+	\$16,200	LIFE	**	5	\$500	
		Exposed Reinforcement, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
	Concrete	90%			LIFE	**	5	\$4,600	
		Surface Wearing/Scaling, Extent : Light, Area Affected : 75%							
		Location : Throughout							
	Pile Caps	Concrete	100%		LIFE	**	5	\$200	
	Cracking, Extent : Light, Area Affected : 10%								
	Location : At Isolated Pile Locations								
Piles and Bracing	Timber	10%		LIFE	**	4-5	\$1,200		
		Rotting/Splitting, Extent : Moderate, Area Affected : 50%							
Location : Throughout									
	Timber	90%		LIFE	**	4-5	\$11,100		
Coping/Curb	Concrete	25%			LIFE	**			
	Concrete	60%	Now	\$27,700	LIFE	**			
	Exposed Reinforcement, Extent : Severe, Area Affected : 100%								
	Location : Isolated At Rail Posts Throughout								
	Missing Part, Extent : Severe, Area Affected : 100%								
	Location : Isolated Locations At West Half Of Pier								
	Spalling, Extent : Severe, Area Affected : 100%								
	Location : Isolated At Rail Posts Throughout								
	Concrete	15%	2-4	\$5,200	LIFE	**			
		Spalling, Extent : Moderate, Area Affected : 100%							
		Location : Isolated At Rail Posts Throughout							
Deck Elements									
Railing	Steel	12%	Now	\$11,200	2027	\$56,000			
		Broken, Extent : Severe, Area Affected : 10%							
		Location : At Base Of Posts							
		Corrosion, Extent : Severe, Area Affected : 10%							
		Location : At Base Of Posts							
	Loose Connections, Extent : Severe, Area Affected : 100%								
	Location : Loss Of Post Embedment In Curbs								
	Steel	10%	0-2	\$9,300	2027	\$46,600			
		Corrosion, Extent : Severe, Area Affected : 10%							
	Location : At Base Of Posts And On Pipe Sleeves								
	Steel	78%	2-4	\$72,800	2027	\$363,800			
Corrosion, Extent : Moderate, Area Affected : 10%									
Location : At Base Of Posts									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers		\$764,600
<b>Total</b>		<b>\$764,600</b>
Importance Code B		\$764,600
<b>Total</b>		<b>\$764,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$2,300	\$1,700		
<b>Total</b>	<b>\$2,300</b>	<b>\$1,700</b>		
Importance Code A				
Importance Code B	\$2,300			
Importance Code C		\$1,700		
<b>Total</b>	<b>\$2,300</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**  
**LOUIS VALENTINO, JR. CONCRETE PIER**  
**Asset # : 13964**

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Concrete	50%			LIFE	**	5	\$4,600	
		Cracking, Extent : Light, Area Affected : 1%							
		Location : Isolated Throughout							
	Not Accessible	50%							
	Deck Surface Concrete	100%			2035	**	5	\$3,400	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Throughout Deck Surface							
		Discolor & Bleeding, Extent : Light, Area Affected : 25%							
		Location : Throughout Painted Surface							
	Pile Caps Concrete	100%			LIFE	**	5	\$300	
		Cracking, Extent : Light, Area Affected : 2%							
	Location : Throughout								
	Piles and Bracing Concrete	35%			LIFE	**	5	\$5,500	
		Cracking, Extent : Light, Area Affected : 2%							
		Location : Isolated Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Isolated Throughout							
	Not Accessible	65%							
Fender	Pile Cluster Timber	50%			2027		4-10		
		Worn, Extent : Light, Area Affected : 10%							
		Location : Above Mlw Elevation							
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : On Cable Windings							
	Explanation : Corrosion								
	Not Accessible	50%							
Deck Elements	Railing Steel	99%			2024	\$757,000			
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Steel	1%	0-2	\$2,300	2024	\$7,600			
	Corrosion, Extent : Severe, Area Affected : 100%								
Location : One Railing Segment At West End Of Pier									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$2,800	\$1,500		
<b>Total</b>	<b>\$2,800</b>	<b>\$1,500</b>		
Importance Code A		\$1,500		
Importance Code C	\$2,800			
<b>Total</b>	<b>\$2,800</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**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	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.

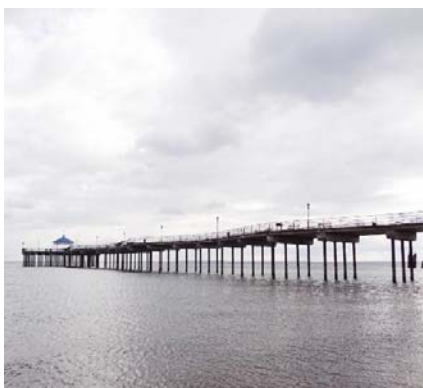
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$2,823,200	\$551,300
<b>Total</b>	<b>\$2,823,200</b>	<b>\$551,300</b>
Importance Code A	\$151,200	\$375,100
Importance Code B	\$1,585,300	\$176,100
Importance Code C	\$1,086,700	
<b>Total</b>	<b>\$2,823,200</b>	<b>\$551,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$64,300			
<b>Total</b>	<b>\$64,300</b>			
Importance Code A	\$46,700			
Importance Code B	\$17,600			
<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**  
**OCEAN BREEZE FISHING PIER AT FDR BOARDWALK AND BEACH**  
**Asset # : 13947**

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	60%	4+	\$21,400	LIFE	**	5	\$34,100	
	Spalling, Extent : Light, Area Affected : 2%								
	Location : Popouts Spalls In Edge Of Deck And Under Deck At Precast Joints And In Top Of Deck At Utility Boxes								
	Not Accessible	40%							
	Deck Surface								
	Asphalt Pavers	80%			2022	\$1,086,700			
	No Component	20%							
	Pile Caps								
	Concrete	95%			LIFE	**	5	\$1,900	
	Concrete	5%	4+	\$25,200	LIFE	**	5	\$100	
Spalling, Extent : Moderate, Area Affected : 10%									
Location : 3 Locations; Most Severe Is In 17th Cap From Shoreline									
Piles and Bracing	Steel	80%	4+	\$151,200	LIFE	**	5	\$375,100	
	Corrosion, Extent : Light, Area Affected : 85%								
	Location : Above The Mhw Elevation								
	Missing Coating, Extent : Moderate, Area Affected : 85%								
	Location : Above The Mhw Elevation								
Deck Elements	Not Accessible	20%							
	Railing								
	Steel	90%			2021	\$1,585,300			
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Steel	10%	4+	\$17,600	2025	\$176,100			
	Corrosion, Extent : Moderate, Area Affected : 50%								
	Location : Throughout Railing And Baseplates At The Offshore End Of The Pier								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$19,200			\$6,300
<b>Total</b>	<b>\$19,200</b>			<b>\$6,300</b>
Importance Code A	\$19,200			\$6,300
<b>Total</b>	<b>\$19,200</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**  
**OVERLOOK PIERS A, B, D SO RIVERSIDE PARK MARGINAL WHARF**  
**Asset # : 14354**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Timber	75%			LIFE	* *	5	\$19,200	
	Not Accessible	25%							
Pile Caps									
	Steel	50%			2032	* *	5	\$12,500	
			Corrosion, Extent : Light, Area Affected : 5%						
			Location : Coating Loss With Light Surface Corrosion						
	Not Accessible	50%							
Piles and Bracing									
	Concrete	100%			LIFE	* *	5	\$19,300	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Piers	\$15,400			
<b>Total</b>	<b>\$15,400</b>			
Importance Code A	\$11,600			
Importance Code B	\$3,700			
<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**  
**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)	
Structural Deck	Concrete	20%	4+	\$11,600	LIFE	* *	5	\$400
		Other Observation, Extent : Moderate, Area Affected : 25%						
		Location : Along Offshore Edge Of Deck						
		Explanation : Deterioration Of Skim Coat Surface						
	Not Accessible	80%						
	Deck Surface							
	Stone Pavers	85%			2039	* *		
	No Component	15%						
	Piles and Bracing							
	Steel	40%			LIFE	* *	5	\$6,100
		Corrosion, Extent : Light, Area Affected : 1%						
		Location : Tidal Zone						
	Timber	40%			LIFE	* *	4-5	\$1,800
	Not Accessible	20%						
Fender	Wales and Chocks							
	Timber	100%			2039	* *	4	\$8,100
	Piles							
	Timber	80%			2039	* *	4	\$3,000
	Not Accessible	20%						
Deck Elements	Railing							
	Steel	100%			2025			
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Full Length						
		Explanation : Timber Top Rail						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$24,400		\$2,300	\$14,000
<b>Total</b>	<b>\$24,400</b>		<b>\$2,300</b>	<b>\$14,000</b>
Importance Code A	\$24,400			\$14,000
Importance Code C			\$2,300	
<b>Total</b>	<b>\$24,400</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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Deck								
	Concrete	25%			LIFE	* *	5	\$6,400	
	Not Accessible	75%							
Deck Surface									
	Concrete	100%			2041	* *	5	\$4,700	
	Cracking, Extent : Light, Area Affected : 2%								
	Location : Three 1/16th Inch Wide Cracks At The Inshore 30 Feet Of The Pier								
Pile Caps									
	Concrete	50%			LIFE	* *	5	\$500	
	Steel	50%			2032	* *	5	\$28,100	
	Corrosion, Extent : Light, Area Affected : 1%								
	Location : Isolated At The Steel Girders								
Piles and Bracing									
	Steel	20%			LIFE	* *	5	\$41,900	
	Missing Coating, Extent : Light, Area Affected : 25%								
	Location : In The Tidal Zone								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$35,200			
<b>Total</b>	<b>\$35,200</b>			
Importance Code A	\$35,200			
<b>Total</b>	<b>\$35,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck	Concrete	100%		LIFE	* *	5	\$9,200	
		<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	\$300	
	Piles and Bracing							
	Steel	80%		LIFE	* *	5	\$60,900	
		<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$64,300	
<b>Total</b>	<b>\$64,300</b>	
Importance Code B	\$64,300	
<b>Total</b>	<b>\$64,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$50,900			
<b>Total</b>	<b>\$50,900</b>			
Importance Code A	\$50,900			
Importance Code B				
<b>Total</b>	<b>\$50,900</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**  
**PIER @INWOOD CANOE CLUB**  
**Asset # : 13696**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Timber	50%			LIFE	**	5	\$11,800	
	Not Accessible	50%							
Pile Caps									
	Timber	20%	4+	\$28,500	LIFE	**	4	\$4,400	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%									
Location : At Ends Of Pile Caps, Primarily At Inshore Bent									
	Timber	80%			LIFE	**	4	\$26,500	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout Underdeck									
Explanation : Numerous Abandoned Elements									
Piles and Bracing									
	Timber	70%			LIFE	**	4-5	\$16,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Numerous Abandoned Elements									
	Not Accessible	30%							
Fender									
Piles									
	Timber	45%	4+	\$64,300	2043	**	4	\$2,300	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Throughout In Tidal Zone									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$88,500	\$112,300
<b>Total</b>	<b>\$88,500</b>	<b>\$112,300</b>
Importance Code C	\$88,500	\$112,300
<b>Total</b>	<b>\$88,500</b>	<b>\$112,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$94,900	\$29,800		
<b>Total</b>	<b>\$94,900</b>	<b>\$29,800</b>		
Importance Code A				
Importance Code B	\$67,600			
Importance Code C	\$27,400	\$29,800		
<b>Total</b>	<b>\$94,900</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 &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)	
Structural Deck	Concrete	5%		LIFE		**	5	\$8,400
		Cracking, Extent : Light, Area Affected : 100%						
		Location : Throughout						
	Not Accessible	95%						
	Deck Surface							
	Asphalt	10%		2035		**	5	\$10,000
	Concrete	49%		2035		**	5	\$30,400
	Concrete	11%	0-2	\$88,500	2041	**	5	\$3,400
		Broken, Extent : Light, Area Affected : 1%						
		Location : Approximately 10 Broken Pavers Due To Bedding Condition						
Pile Caps		Other Observation, Extent : Severe, Area Affected : 100%						
		Location : South Side Of Pier Approximately 400 Feet Long By 25 Feet Wide						
		Explanation : Undermined Bedding Retaining Water And Loosening Pavers						
	Timber	15%		2039		**	5	\$54,800
	Topsoil	15%		2025	\$112,300		5	\$19,300
	Concrete	5%		LIFE		**	5	\$300
		Cracking, Extent : Light, Area Affected : 10%						
		Location : Throughout						
	Not Accessible	95%						
	Piles and Bracing							
Fender	Concrete	5%		LIFE		**	5	\$14,300
		Cracking, Extent : Light, Area Affected : 10%						
		Location : Throughout						
	Not Accessible	95%						
	Wales and Chocks							
	Timber	94%		2039		**	4	\$115,100
	Timber	4%	2-4	\$10,700	2041	**	4	\$3,300
		Displaced Elements, Extent : Moderate, Area Affected : 100%						
		Location : North Side Of Pier						
	No Component	2%						
Piles	Timber	98%		2039		**	4	\$55,500
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$83,700	\$43,900
<b>Total</b>	<b>\$83,700</b>	<b>\$43,900</b>
Importance Code A		\$43,900
Importance Code C	\$83,700	
<b>Total</b>	<b>\$83,700</b>	<b>\$43,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$34,200	\$13,000		
<b>Total</b>	<b>\$34,200</b>	<b>\$13,000</b>		
Importance Code A				
Importance Code B	\$34,200			
Importance Code C		\$13,000		
<b>Total</b>	<b>\$34,200</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 &amp; 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)	
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+	\$83,700	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	\$83,300
	No Component	40%						
	Piles							
	Timber	30%			2039	* *	4	\$19,200
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Piers	\$7,500			
<b>Total</b>	<b>\$7,500</b>			
Importance Code A				
Importance Code B	\$5,100			
Importance Code C	\$2,400			
<b>Total</b>	<b>\$7,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF PARKS &amp; RECREATION - 846

## PIER 95 OVERLOOK PIER

Asset # : 14763

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Concrete	15%			LIFE	**	5	\$700	
	Not Accessible	85%							
Deck Surface									
	Stone Pavers	50%			2039	**			
	Timber	50%			2039	**	5	\$4,800	
Pile Caps									
	Concrete	5%			LIFE	**	5		
	Not Accessible	95%							
Piles and Bracing									
	Not Accessible	100%							
Fender									
Wales and Chocks									
	Timber	100%			2039	**	4	\$11,400	
Piles									
	Timber	75%			2039	**	4	\$3,900	
	Not Accessible	25%							
Pile Cluster									
	Timber	75%			2030	**	4-10		
	Not Accessible	25%							
Deck Elements									
Railing									
	Steel	100%			2025				
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers	\$257,100	
<b>Total</b>	<b>\$257,100</b>	
Importance Code A	\$257,100	
<b>Total</b>	<b>\$257,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$11,700			
<b>Total</b>	<b>\$11,700</b>			
Importance Code A	\$11,700			
<b>Total</b>	<b>\$11,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**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)	
Structural Deck	Concrete	10%	Now	\$11,700	LIFE	* *	5	\$400
		Broken, Extent : Severe, Area Affected : 100% Location : Undermining At East Side Of Building						
	Timber	20%	Now	\$36,400	LIFE	* *	5	\$1,700
		Missing Part, Extent : Severe, Area Affected : 100% Location : Entire Pier Deck						
	Not Accessible	70%						
		Other Observation, Extent : Light, Area Affected : 0% Location : Explanation : Covered By Clubhouse.						
Pile Caps								
	Timber	85%	Now	\$51,800	LIFE	* *	4	\$13,400
		Other Observation, Extent : Light, Area Affected : 20% Location : Isolated Throughout. Non-engineered Structure Explanation : Rotting, Splitting And Displaced Components.						
	Timber	15%	0-2	\$9,100	LIFE	* *	4	\$2,400 1
		Rotting/Splitting, Extent : Severe, Area Affected : 100% Location : Isolated Locations						
Piles and Bracing								
	Timber	85%	0-2	\$135,800	LIFE	* *	4-5	\$7,600
		Other Observation, Extent : Light, Area Affected : 20% Location : Isolated Throughout. Non-engineered Structure Explanation : Rotting, Splitting And Displaced Components.						
	Timber	15%	Now	\$24,000	LIFE	* *	4-5	\$1,300 1
		Broken, Extent : Moderate, Area Affected : 100% Location : Isolated Throughout Rotting/Splitting, Extent : Severe, Area Affected : 100% Location : Isolated Throughout						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Piers	\$111,100	
<b>Total</b>	<b>\$111,100</b>	
Importance Code A	\$111,100	
<b>Total</b>	<b>\$111,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$2,200			\$1,200
<b>Total</b>	<b>\$2,200</b>			<b>\$1,200</b>
Importance Code A	\$2,200			
Importance Code C				\$1,200
<b>Total</b>	<b>\$2,200</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**  
**PILE SUPPORTED PLATFORM WEST HARLEM PIERS PARK**  
**Asset # : 14120**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Concrete	50%			LIFE	* *	5	\$4,200	
	Not Accessible	50%							
Deck Surface									
	Asphalt	100%			2037	* *	5	\$2,500	
Pile Caps									
	Concrete	100%			LIFE	* *	5	\$300	
Piles and Bracing									
	Steel	100%	4+	\$111,100	LIFE	* *	5	\$34,400	
Corrosion, Extent : Light, Area Affected : 100%									
Location : Throughout Exposed Pile Height									
Deck Elements									
Railing									
	Steel	100%			2026				
Corrosion, Extent : Light, Area Affected : 5%									
Location : Isolated At Connections									
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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Piers

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**Total**

Importance Code A

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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**  
**QUEENSBRIDGE PARK CONCRETE PIER**  
**Asset # : 14753**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Concrete	60%			LIFE	* *	5	\$4,600	
	Not Accessible	40%							
Pile Caps									
	Concrete	25%			LIFE	* *	5	\$100	
		Cracking, Extent : Light, Area Affected : 50%							
		Location : Offshore Faces Of Pile Caps							
	Not Accessible	75%							
Piles and Bracing									
	Steel	50%			LIFE	* *	5	\$31,700	
		Missing Coating, Extent : Light, Area Affected : 2%							
		Location : Isolated							
	Not Accessible	50%							
Deck Elements									
Railing									
	Steel	100%			2025				
Coping/Curb									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$19,800			
<b>Total</b>	<b>\$19,800</b>			
Importance Code A	\$19,800			
<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**  
**RIVERSIDE PARK OVERLOOK PIER**  
**Asset # : 14117**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Deck									
	Timber	100%			LIFE	* *	5	\$16,800	
Pile Caps									
	Steel	100%			2029	* *	5	\$16,400	
Rusted Steel Surface, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Piles and Bracing									
	Concrete	50%			LIFE	* *	5	\$6,300	
	Not Accessible	50%							
Deck Elements									
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$608,100	\$333,100
<b>Total</b>	<b>\$608,100</b>	<b>\$333,100</b>
Importance Code A	\$442,400	\$167,400
Importance Code C	\$165,700	\$165,700
<b>Total</b>	<b>\$608,100</b>	<b>\$333,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$36,300		\$2,500	
<b>Total</b>	<b>\$36,300</b>		<b>\$2,500</b>	
Importance Code A	\$36,300			
Importance Code C			\$2,500	
<b>Total</b>	<b>\$36,300</b>		<b>\$2,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**RIVERSIDE PARK SOUTH - PIER I**  
**Asset # : 14870**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Deck								
	Concrete	50%			LIFE	* *	5	\$67,600	
	Not Accessible	50%							
Deck Surface									
	Brick Pavers	80%			2041	* *	5	\$331,400	
	Concrete	20%			2041	* *	5	\$5,000	
Pile Caps									
	Concrete	100%			LIFE	* *	5	\$4,900	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Isolated							
Piles and Bracing									
	Steel	30%	4+	\$442,400	LIFE	* *	5	\$167,400	
		Corrosion, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Splash Zone							
		Missing Coating, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Splash Zone							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$501,200	\$4,192,500
<b>Total</b>	<b>\$501,200</b>	<b>\$4,192,500</b>
Importance Code A	\$116,000	\$119,500
Importance Code B	\$191,600	\$4,073,000
Importance Code C	\$193,600	
<b>Total</b>	<b>\$501,200</b>	<b>\$4,192,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$48,000	\$138,700	\$5,400	
<b>Total</b>	<b>\$48,000</b>	<b>\$138,700</b>	<b>\$5,400</b>	
Importance Code A	\$44,000			
Importance Code B	\$4,000	\$138,700		
Importance Code C			\$5,400	
<b>Total</b>	<b>\$48,000</b>	<b>\$138,700</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	\$92,800	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	\$23,200	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+	\$23,200	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	\$193,600	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	\$20,800	LIFE	**	5	\$2,500	
		<i>Exposed Reinforcement, Extent : Severe, Area Affected : 2%</i>							
Fender		<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%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
	Buffer								
	Rubber	100%			2036	* *	4-5	\$120,700	
		Aging, Extent : Light, Area Affected : 10%							
		Location : Surface Corrosion On Tension Chains							
		Missing Part, Extent : Light, Area Affected : 2%							
		Location : Missing Tension Chains At Piers 3, 8 And 10							
Wales and Chocks									
	Timber	95%			2036	* *	4	\$311,700	
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : Isolated Throughout							
	Timber	5%	0-2	\$35,800	2042	* *	4	\$10,900	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Isolated Areas On Pier 1, 2, 3, 7, 8, 9, And 10							
		Rotting/Splitting, Extent : Moderate, Area Affected : 100%							
		Location : Isolated Throughout							
Piles									
	Timber	39%			2036	* *	4	\$59,100	
		Rotting/Splitting, Extent : Light, Area Affected : 10%							
		Location : Above Mean Low Water Elevation, Throughout							
		Worn, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Timber	4%	Now	\$56,800	2036	* *	4	\$4,000	
		Missing Pile, Extent : Severe, Area Affected : 50%							
		Location : Approximately One Pile Per Pier							
		Rotting/Splitting, Extent : Severe, Area Affected : 50%							
		Location : Isolated Throughout Piers 1 - 10							
	Timber	9%	4+	\$51,100	2036	* *	4	\$9,100	
		Rotting/Splitting, Extent : Moderate, Area Affected : 50%							
		Location : Isolated Throughout Piers 1 - 10							
	Timber	18%	Now	\$10,200	2036	* *	4	\$18,200	
		Missing Part, Extent : Light, Area Affected : 2%							
		Location : Fender Pile Caps - Isolated Throughout							
	Not Accessible	30%							
Deck Elements									
	Railing								
	Steel	99%			2025	\$3,994,900			
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Throughout Piers 1 - 10							
	Steel	1%	Now	\$4,000	2025	\$40,400			
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Approximately 15 Ft At Pier 5 And 5 Ft At Pier 8							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Piers	\$4,100			
<b>Total</b>	<b>\$4,100</b>			
Importance Code A	\$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**  
**SNUG HARBOR PIER**  
**Asset # : 13498**

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Timber	98%			LIFE	* *	5	\$2,500	
		Surface Wearing/Scaling, Extent : Moderate, Area Affected : 100%							
		Location : Throughout Deck Planks							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : On Outer Deck Stringers							
		Explanation : Surface Wearing							
	Timber	2%	Now	\$500	LIFE	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : At Offshore End Of Pier							
		Explanation : Missing And Loose Timber Deck Planks							
Pile Caps	Timber	100%			LIFE	* *	4	\$3,500	
Piles and Bracing	Timber	100%			LIFE	* *	4-5	\$2,500	
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : On Hardware At Cross Braces And Piles							
		Explanation : Corrosion							
Deck Elements									
Railing	Steel	100%			2026				
		Missing Part, Extent : Light, Area Affected : 1%							
		Location : One Baluster Along East Face Of Pier							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

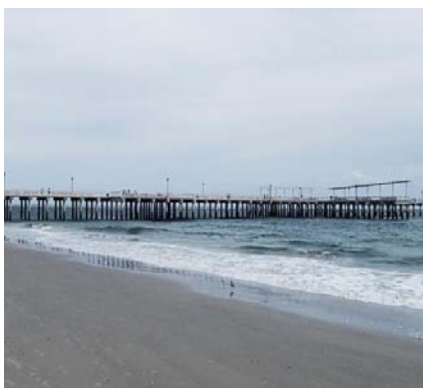
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Piers		\$65,700
<b>Total</b>		<b>\$65,700</b>
Importance Code A		\$65,700
<b>Total</b>		<b>\$65,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Piers	\$31,300			
<b>Total</b>	<b>\$31,300</b>			
Importance Code A	\$31,300			
<b>Total</b>	<b>\$31,300</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**  
**STEEPLECHASE PIER @ CONEY IS. BEACH AND BOARDWALK**  
**Asset # : 4152**

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck									
	Composite	50%			2052	* *			
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Concrete	25%			LIFE	* *	5	\$16,700	
	Not Accessible	25%							
Pile Caps									
	Concrete	60%			LIFE	* *	5	\$1,400	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
	Not Accessible	40%							
Piles and Bracing									
	Concrete	57%			LIFE	* *	5	\$64,600	
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Above Mlw Elevation							
	Concrete	1%	2-4	\$31,300	LIFE	* *	5	\$1,100	
		Cracking, Extent : Moderate, Area Affected : 100%							
		Location : Horizontal Cracking Near Top Of Several Piles On Eastern Tee							
	Steel	2%			LIFE	* *	5	\$11,000	
		Corrosion, Extent : Moderate, Area Affected : 1%							
		Location : Steel Cross Bracing							
	Not Accessible	40%							
Deck Elements									
Railing									
	Aluminum	100%			2024				
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 25%							
		Location : Eastern (Windward) Railing North And South Of Tee							
		Explanation : Vibration Due To Wind							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$506,200	
<b>Total</b>	<b>\$506,200</b>	
Importance Code A	\$506,200	
<b>Total</b>	<b>\$506,200</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$8,400			
<b>Total</b>	<b>\$8,400</b>			
Importance Code A	\$8,400			
<b>Total</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 &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)	
Structural Deck	Composite	50%			2046		* *	
		Deflection, Extent : Severe, Area Affected : 2%						
		Location : Two Boards Deflected Above Adjacent Deck Planks						
		Other Observation, Extent : Light, Area Affected : 25%						
		Location : Throughout (Wear)						
		Explanation : Surface Wear						
	Not Accessible	50%						
Pile Caps	Composite	45%			2046		* *	
		Other Observation, Extent : Light, Area Affected : 10%						
		Location : Throughout And At West Side						
		Explanation : Deformation And Deflection						
	Concrete	20%			LIFE		* *	5
		Spalling, Extent : Light, Area Affected : 2%						
		Location : Throughout (East Side)						
	Concrete	5%	4+	\$8,400	LIFE		* *	5
		Spalling, Extent : Moderate, Area Affected : 100%						
		Location : East Side Bents 2, 18, 21, And 27						
	Not Accessible	30%						
Piles and Bracing	Composite	30%	4+	\$303,700	2056		* *	
		Cracking, Extent : Severe, Area Affected : 100%						
		Location : Throughout						
		Other Observation, Extent : Severe, Area Affected : 100%						
		Location : Throughout Asset						
		Explanation : Cracking At Piles With Steel Pipe Repairs						
	Composite	15%			2036		* *	
	Composite	20%	Now	\$202,500	2056		* *	
		Broken, Extent : Severe, Area Affected : 100%						
		Location : Throughout Pier						
		Cracking, Extent : Severe, Area Affected : 100%						
		Location : Longitudinal And Circumferential Cracks Throughout						
	Not Accessible	35%						
Deck Elements								
Railing	Fiberglass	100%			2027			
		Deflection, Extent : Light, Area Affected : 50%						
		Location : North Fork						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$196,900	\$342,000
<b>Total</b>	<b>\$196,900</b>	<b>\$342,000</b>
Importance Code A	\$196,900	
Importance Code B		\$342,000
<b>Total</b>	<b>\$196,900</b>	<b>\$342,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$65,200		\$9,700	
<b>Total</b>	<b>\$65,200</b>		<b>\$9,700</b>	
Importance Code A	\$21,300			
Importance Code B	\$43,900		\$9,700	
<b>Total</b>	<b>\$65,200</b>		<b>\$9,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TIMBER PILE SUPPORTED PIER**  
**Asset # : 13940**

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck	Composite	40%	Now	\$196,900	2056	* *			
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Along Offshore And Inshore Edge							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Along Offshore And Inshore Edge Of Pier							
	Explanation : Detached From Stringers And Pile Caps								
	Timber	60%			LIFE	* *	5	\$10,600	
	Pile Caps								
	Timber	90%			LIFE	* *	4	\$29,700	
	Timber	10%	Now	\$21,300	LIFE	* *	4	\$3,300	
Rotting/Splitting, Extent : Light, Area Affected : 5%									
Location : End Rot At Offshore Ends Of Pile Caps									
Piles and Bracing									
	Timber	100%			LIFE	* *	4-5	\$18,800	
Deck Elements									
	Railing								
	Steel	85%	Now	\$34,200	2026	\$342,000			
Missing Part, Extent : Severe, Area Affected : 100%									
Location : Throughout									
	Timber	15%	Now	\$9,700	2021	\$9,700			
Missing Part, Extent : Severe, Area Affected : 100%									
Location : Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Piers	\$800			\$1,100
<b>Total</b>	<b>\$800</b>			<b>\$1,100</b>
Importance Code A	\$800			\$1,100
<b>Total</b>	<b>\$800</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	\$1,600	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Piers	\$700,700	\$203,400
<b>Total</b>	<b>\$700,700</b>	<b>\$203,400</b>
Importance Code A	\$655,900	\$203,400
Importance Code C	\$44,800	
<b>Total</b>	<b>\$700,700</b>	<b>\$203,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Piers	\$36,500	\$3,400	\$26,800	
<b>Total</b>	<b>\$36,500</b>	<b>\$3,400</b>	<b>\$26,800</b>	
Importance Code A	\$17,600			
Importance Code B	\$12,300		\$25,500	
Importance Code C	\$6,600	\$3,400	\$1,200	
<b>Total</b>	<b>\$36,500</b>	<b>\$3,400</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	\$32,900	
			Cracking, Extent : Light, Area Affected : 2% Location : Isolated Shrinkage Cracks Spalling, Extent : Light, Area Affected : 2% Location : Isolated Throughout Deck Soffit					
Not Accessible	50%							
Deck Surface								
Asphalt Pavers	80%			2037	* *			
Concrete	20%			2041	* *	5	\$2,400	
Pile Caps								
Concrete	100%			LIFE	* *	5	\$2,400	
			Cracking, Extent : Light, Area Affected : 2% Location : Isolated Shrinkage Cracking Throughout Spalling, Extent : Light, Area Affected : 1% Location : Isolated Throughout					
Piles and Bracing								
Steel	75%	4+	\$655,900	LIFE	* *	5	\$203,400	
			Corrosion, Extent : Moderate, Area Affected : 25% Location : In Tidal Zone Missing Coating, Extent : Moderate, Area Affected : 50% Location : Tidal And Splash Zones					
Not Accessible	25%							
Fender Buffer								
Rubber	20%			2041	* *	4-5	\$9,200	
No Component	80%							
Wales and Chocks								
Timber	40%			2041	* *	4	\$38,000	
No Component	60%							
Piles								
Timber	9%			2041	* *	4	\$4,000	
Timber	1%	Now	\$12,300	2043	* *	4	\$400	
			Broken, Extent : Severe, Area Affected : 100% Location : Isolated On South Pier					
No Component	60%							
Not Accessible	30%							
Pile Cluster								
Timber	23%			2032	* *	4-10	\$54,800	
Timber	1%	Now	\$6,600	2033	* *	4	\$300	
			Broken, Extent : Moderate, Area Affected : 25% Location : Single Broken Pile At Southwest Corner Cluster					
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**

Piers		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	100%			2027				
Electrical									
	Lighting Fixture								
	Sodium	100%			2022				
	Other Observation, Extent : Light, Area Affected : 2%								
	Location : Single Lightpole On South Pier								
	Explanation : Broken Access Cover								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$606,500	
<b>Total</b>	<b>\$606,500</b>	
Importance Code B	\$493,100	
Importance Code C	\$113,500	
<b>Total</b>	<b>\$606,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$24,000		\$9,600	\$2,400
<b>Total</b>	<b>\$24,000</b>		<b>\$9,600</b>	<b>\$2,400</b>
Importance Code B	\$24,000		\$9,600	\$2,400
Importance Code C				
<b>Total</b>	<b>\$24,000</b>		<b>\$9,600</b>	<b>\$2,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail 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>									
	Revetment								
	Stone	70%			LIFE	**	5	\$3,600	
	Stone	30%	4+	\$113,500	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	\$19,300	2056	**	5	\$100	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>									
<i>Location : South Of Alice Austen House</i>									
<hr/>									
	Not Accessible	90%							
<hr/>									
	Surface								
	Asphalt Pavers	50%			2022	\$440,300	5	\$4,900	
	Asphalt Pavers	20%	Now	\$52,800	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	\$9,200	5	\$800	
	Topsoil	10%	Now	\$4,600	2026	\$4,600	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15-Jan-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 490 **Lot** : 100 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$1,091,100	\$1,750,000
<b>Total</b>	<b>\$1,091,100</b>	<b>\$1,750,000</b>
Importance Code A	\$862,800	
Importance Code B	\$161,000	\$1,750,000
Importance Code C	\$67,300	
<b>Total</b>	<b>\$1,091,100</b>	<b>\$1,750,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$25,400			
<b>Total</b>	<b>\$25,400</b>			
Importance Code A				
Importance Code B	\$25,400			
Importance Code C				
<b>Total</b>	<b>\$25,400</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 HOUSES PROMENADE CONCRETE GRAVITY WALL**  
**Asset # : 707**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Concrete	45%			LIFE	**	5	\$3,300	
		Cracking, Extent : Light, Area Affected : 2%							
		Location : First 850 Feet Of Asset With Survey Start Location At East, Adjacent To Vernon Blvd							
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : At Joints In Tidal Zone, First 850 Feet Of Wall							
	Concrete	5%	4+	\$36,900	LIFE	**	5	\$400	
		Cracking, Extent : Severe, Area Affected : 100%							
		Location : From 1028 Feet To 1130 Feet West Of Survey Start Location							
	Concrete	48%	4+	\$707,900	LIFE	**	5	\$3,600	
		Erosion, Extent : Moderate, Area Affected : 50%							
		Location : At Joints And Face, From Mlw To Top Of Wall, From 850 Feet West Of Asset Start Location To 1831 Feet West Of Start Locations							
		Exposed Reinforcement, Extent : Severe, Area Affected : 50%							
		Location : In Areas Of Erosion Located Between 850 Feet And 1831 Feet West Of Asset Start Location							
	Concrete	2%	0-2	\$118,000	LIFE	**	5	\$100	
		Settlement, Extent : Severe, Area Affected : 100%							
		Location : Settlement / Movement And Fill Loss At Joint Locations 196 Feet - 262 Feet 1071 Feet, And 1089 Feet West Of Asset Start Location							
Revetment									
	Stone	95%			LIFE	**	5	\$10,400	
	Stone	5%	4+	\$67,300	LIFE	**	5	\$500	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : At Start Location Of Asset And 226 Feet West Of Start Location							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Concrete	85%			2034	**	5	\$17,800	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
	Concrete	10%	4+	\$6,600	2038	**	5	\$1,000	
		Cracking, Extent : Moderate, Area Affected : 5%							
		Location : Between 70 Feet And 262 Feet West Of Asset Start Location							
	Concrete	5%	4+	\$9,900	2038	**	5	\$500	
		Settlement, Extent : Moderate, Area Affected : 30%							
		Location : 951-1048 Feet, 1666- 1682 Feet, And 1715-1751 Feet West Of Asset Start Location							
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**  
**ASTORIA HOUSES PROMENADE CONCRETE GRAVITY WALL**  
**Asset # : 707**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	45%			2024	\$787,500			
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : Isolated From Asset Start Location To 800 Feet West Of Start							
	Steel	10%	4+	\$3,500	2023	\$175,000			
		Corrosion, Extent : Moderate, Area Affected : 50%							
		Location : 800 Feet To 1028 Feet West Of Asset Start Location							
	Steel	20%	2-4	\$70,000	2025	\$350,000			
		Corrosion, Extent : Moderate, Area Affected : 100%							
		Location : 1028 Feet To 1394 Feet West Of Asset Start Location							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : 1104 Feet West Of Asset Start Location							
		Explanation : Impact Damage							
	Steel	25%	0-2	\$87,500	2025	\$437,500			
		Corrosion, Extent : Severe, Area Affected : 100%							
		Location : 1394 Feet To 1831 Feet From The Asset Start Location							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Jan-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 898 **Lot** : 37 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$2,215,500	\$2,914,300
<b>Total</b>	<b>\$2,215,500</b>	<b>\$2,914,300</b>
Importance Code A	\$518,500	
Importance Code B		\$2,914,300
Importance Code C	\$1,697,000	
<b>Total</b>	<b>\$2,215,500</b>	<b>\$2,914,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$45,000			
<b>Total</b>	<b>\$45,000</b>			
Importance Code A				
Importance Code B	\$45,000			
Importance Code C				
<b>Total</b>	<b>\$45,000</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 GRAVITY WALL / REVETMENT**

**Asset # : 755**

Bulkheads		Current Repair			Future Replacement		Maintenance				
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority		
Structural	Gravity Wall	Concrete	97%	4+	\$481,300	LIFE	* *	5	\$12,100		
											Cracking, Extent : Light, Area Affected : 50%
											Location : Throughout
											Other Observation, Extent : Light, Area Affected : 10%
											Location : Throughout Face Of Gravity Wall
		Concrete	3%	0-2	\$37,200	LIFE	* *	5	\$400		
		Erosion, Extent : Severe, Area Affected : 50%									
		Location : In Face Of Gravity Wall Throughout									
		Spalling, Extent : Moderate, Area Affected : 5%									
		Location : 700 Feet And 2000 Feet From South									
	Other Observation, Extent : Severe, Area Affected : 50%										
	Location : At Top Of Wall Isolated Throughout										
	Explanation : Chemical Deterioration										
	Revetment	Stone	68%	4+	\$1,538,600	LIFE	* *	5	\$12,500		
											Missing Part, Extent : Light, Area Affected : 100%
											Location : Overburden Stone Required Between: 86 - 716 Feet; 872 - 1173 Feet; 1376 - 1755 Feet; 203 - 3080 Feet South Of Asset Start Location
		Stone	5%	2-4	\$113,100	LIFE	* *	5	\$900		
		Missing Part, Extent : Severe, Area Affected : 100%									
		Location : Overburden Required Intermittently									
Stone		2%	Now	\$45,300	LIFE	* *	5	\$400			
Missing Part, Extent : Moderate, Area Affected : 100%											
Location : Overburden Stone Required At Failed Repair Locations (562 Feet And 609 Feet South Of Asset Start Locations)											
No Component	25%										
Backfill	Fill	Not Accessible	100%								
	Surface	Concrete	95%			2034	* *	5	\$33,400		
		Concrete	2%	0-2	\$22,200	2040	* *	5	\$400		
		Broken, Extent : Moderate, Area Affected : 10%									
		Location : Edge Of Sidewalk Centered 850 Feet From South End									
		Settlement, Extent : Light, Area Affected : 50%									
		Location : 1050 Feet From South End									
		Topsoil	3%			2024	\$5,000	5	\$400		
		Other Observation, Extent : Light, Area Affected : 100%									
Location : South End											
Explanation : Natural Shoreline											
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**  
**ASTORIA PARK GRAVITY WALL / REVETMENT**

**Asset # : 755**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	98%			2023	\$2,884,900			
	Steel	1%	Now	\$5,900	2025	\$29,400			
		Buckling, Extent : Severe, Area Affected : 66%							
		Location : 650 Feet And 2780 Feet From South							
		Corrosion, Extent : Severe, Area Affected : 33%							
		Location : 1300 Feet From South							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Jan-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 913 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$146,200	\$619,300
<b>Total</b>	<b>\$146,200</b>	<b>\$619,300</b>
Importance Code A	\$146,200	
Importance Code B		\$619,300
<b>Total</b>	<b>\$146,200</b>	<b>\$619,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$19,800			
<b>Total</b>	<b>\$19,800</b>			
Importance Code A				
Importance Code B	\$19,800			
<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**  
**ASTORIA WHITEY FORD FIELD CONCRETE GRAVITY WALL**  
**Asset # : 706**

Bulkheads		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural	Gravity Wall								
	Concrete	90%	4+	\$94,000	LIFE	* *	5	\$2,400	
		Cracking, Extent : Moderate, Area Affected : 20%							
		Location : Typical Throughout							
		Erosion, Extent : Light, Area Affected : 20%							
		Location : Along Seaside Base							
		Recent Repair Evident, Extent : Light, Area Affected : 50%							
		Location : At The Top Half Of The Wall. 288 Feet To 338 Feet South Of Asset Start Location							
		Tilting, Extent : Moderate, Area Affected : 100%							
		Location : From Asset Start Location At North, Extending South 76 Feet							
	Concrete	10%	2-4	\$52,200	LIFE	* *	5	\$300	
		Broken, Extent : Moderate, Area Affected : 25%							
		Location : Broken Concrete Face 60 Feet From Southwest End							
		Spalling, Extent : Severe, Area Affected : 75%							
		Location : Isolated Spalls Throughout; Largest At 360 Feet From Northeast End							
Backfill	Fill								
	Topsoil	2%	Now	\$2,800	2065	* *			
		Sinkhole, Extent : Severe, Area Affected : 100%							
		Location : At South End Of Asset. At The Terminus Of 26th Avenue							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : End Of Asset							
		Explanation : Condition Was Assessed Extending 10 Feet South Of Asset							
	Not Accessible	98%							
Surface	Concrete	2%	Now	\$4,700	2040	* *	5	\$100	
		Sinkhole, Extent : Severe, Area Affected : 100%							
		Location : At South End Of Asset. At The Terminus Of 26th Avenue							
	Topsoil	98%			2023	\$34,200	5	\$3,000	
Deck Elements	Railing								
	Steel	100%	4+	\$12,400	2023	\$619,300			
		Corrosion, Extent : Moderate, Area Affected : 25%							
		Location : At Post Connections With Wall							
		Missing Coating, Extent : Light, Area Affected : 65%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$824,000	\$1,519,700
<b>Total</b>	<b>\$824,000</b>	<b>\$1,519,700</b>
Importance Code A	\$672,100	
Importance Code B	\$152,000	\$1,519,700
<b>Total</b>	<b>\$824,000</b>	<b>\$1,519,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$70,300		\$16,800	\$1,100
<b>Total</b>	<b>\$70,300</b>		<b>\$16,800</b>	<b>\$1,100</b>
Importance Code B	\$52,600		\$16,800	\$1,100
Importance Code C	\$17,700			
<b>Total</b>	<b>\$70,300</b>		<b>\$16,800</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**  
**BATTERY PARK SEAWALL**  
**Asset # : 900**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top								
	Concrete/Stone	99%	4+	\$652,300	LIFE	* *			
		Missing Block Seal, Extent : Light, Area Affected : 30%							
		Location : Throughout In Tidal Zone							
	Concrete/Stone	1%	0-2	\$19,800	LIFE	* *			
		Displaced Elements, Extent : Light, Area Affected : 30%							
		Location : 140 Feet From Pier A And 430 Feet From Pier A In The Splash Zone							
		Spalling, Extent : Severe, Area Affected : 10%							
		Location : Lip Of Slip 5							
Coping/Curb									
	Concrete	85%			LIFE	* *	5-10	\$2,500	
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Concrete	5%	Now	\$16,300	LIFE	* *	5	\$100	
		Spalling, Extent : Light, Area Affected : 100%							
		Location : Throughout Especially In Areas Without Fenders							
	Stone	5%			LIFE	* *	5	\$300	
	No Component	5%							
Piles and Bracing									
	Not Accessible	100%							
Pile Caps									
	Not Accessible	100%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt Pavers	12%			2037	* *	5	\$2,200	
	Asphalt Pavers	3%	Now	\$14,700	2037	* *	5	\$300	
		Sinkhole, Extent : Severe, Area Affected : 100%							
		Location : 1,160 Feet, 1,345 Feet, And 1,442 Feet From North End Of Asset Near Coast Guard Building							
	Stone	75%			2037	* *	10		
	Not Accessible	10%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : At Statue Cruises Shed							
		Explanation : Covered By Statue Cruises Shed							
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**  
**BATTERY PARK SEAWALL**  
**Asset # : 900**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender									
Piles									
	Timber	5%			2031	* *	4	\$2,900	
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Typical Throughout							
		Explanation : Corroded Wire Wraps							
	Timber	10%	Now	\$29,900	2043	* *	4	\$3,800	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : At Ferry Slips Throughout							
	No Component	65%							
	Not Accessible	20%							
Wales and Chocks									
	Timber	39%			2037	* *	4	\$33,600	
		Rotting/Splitting, Extent : Light, Area Affected : 50%							
		Location : Throughout At Ferry Slips							
	Timber	1%	Now	\$7,100	2043	* *	4	\$900	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : 800 Feet From Pier A							
	No Component	60%							
Pile Cluster									
	Timber	50%			2026		4-10		
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : In The Splash Zone Of The Single Cluster At North End Of Asset							
	Not Accessible	50%							
Deck Elements									
Railing									
	Steel	50%			2023	\$759,800			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Paint Loss And Rusting							
	Steel	50%	Now	\$152,000	2028	\$759,800			
		Broken, Extent : Severe, Area Affected : 50%							
		Location : Internal Grating Elements Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads		\$1,222,600
<b>Total</b>		<b>\$1,222,600</b>
Importance Code A		\$105,400
Importance Code B		\$1,117,300
<b>Total</b>		<b>\$1,222,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$26,200		\$6,700	
<b>Total</b>	<b>\$26,200</b>		<b>\$6,700</b>	
Importance Code A	\$26,200			
Importance Code B			\$6,700	
Importance Code C				
<b>Total</b>	<b>\$26,200</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**  
**BENSONHURST PARK / GRAVITY WALL AND REVETMENT**  
**Asset # : 4082**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Conc w/Stone Face	98%			LIFE	* *	5	\$103,200	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : In Topping Stone Isolated Throughout							
		Missing Block Seal, Extent : Severe, Area Affected : 50%							
		Location : Throughout Wall Above The Mlw Elevation							
	Conc w/Stone Face	2%	Now	\$26,200	LIFE	* *	5	\$2,100	
		Missing Part, Extent : Severe, Area Affected : 40%							
		Location : Missing Blocks At Station 7+12, From East							
Revetment									
	Stone	100%			LIFE	* *	5	\$7,000	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	100%			2036	* *	5	\$13,300	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Near West End							
Deck Elements									
	Railing								
	Steel	100%			2025	\$1,117,300			
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Explanation : Missing Sealant At Railing Post Base							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$99,700	\$234,800
<b>Total</b>	<b>\$99,700</b>	<b>\$234,800</b>
Importance Code B	\$37,700	\$234,800
Importance Code C	\$62,000	
<b>Total</b>	<b>\$99,700</b>	<b>\$234,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$500		\$100	\$300
<b>Total</b>	<b>\$500</b>		<b>\$100</b>	<b>\$300</b>
Importance Code A	\$500			
Importance Code B			\$100	\$300
<b>Total</b>	<b>\$500</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Facing Concrete		60%	4+	\$62,000	LIFE		**		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Ramp Slab On Grade With Cracking And Erosion							
	Not Accessible	40%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Offshore End							
		Explanation : Not Accessible Due To Sediment Accumulation							
	Sheet Piles								
	Concrete	45%			LIFE		**	10	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout Positioned In Tidal Zone							
		Explanation : Erosion.							
	Not Accessible	55%							
Pile Caps Concrete		100%			LIFE		**	5	\$1,100
		Cracking, Extent : Light, Area Affected : 25%							
		Location : Isolated Throughout							
		Erosion, Extent : Light, Area Affected : 25%							
		Location : Typical Throughout In Cap Soffit							
		Spalling, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
Backfill Fill	No Component	40%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : At South End Of Asset							
		Explanation : Riprap Behind Sheet Pile Wall Belongs To Asset 13703							
	Not Accessible	60%							
	Surface								
	Concrete	30%			2037		**	5	\$600
	Topsoil	30%			2026		\$2,900	5	\$300
	No Component	40%							
		Other Observation, Extent : Light, Area Affected : 0%							
	Location : At Southern End Of Asset								
	Explanation : Riprap Belongs To Asset 13703								
Fender Buffer Timber		100%	Now	\$37,700	2028	\$62,800	5	\$900	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Severe Rot And Three Missing Timber Blocks							
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Deck Elements

Railing

Steel

100%

2027

\$172,000

*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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$223,700	\$400,900
<b>Total</b>	<b>\$223,700</b>	<b>\$400,900</b>
Importance Code B	\$169,300	\$400,900
Importance Code C	\$54,400	
<b>Total</b>	<b>\$223,700</b>	<b>\$400,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$45,400		\$4,800	
<b>Total</b>	<b>\$45,400</b>		<b>\$4,800</b>	
Importance Code A	\$10,900			
Importance Code B	\$19,200		\$4,800	
Importance Code C	\$15,400			
<b>Total</b>	<b>\$45,400</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**  
**BULKHEAD FORMER WESTSIDE RAIL YARD**  
**Asset # : 13501**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top Timber	2%	2-4	\$5,400	LIFE	* *	4-5	\$2,100	
		Rotting/Splitting, Extent : Moderate, Area Affected : 10% Location : In Timber Decking At Concrete Supported Walkway, 254 Feet To 319 Feet From South End Of Asset Other Observation, Extent : Moderate, Area Affected : 10% Location : Throughout Timber Walkway Decking Explanation : Protruding Hardware							
	No Component	98%							
	Coping/Curb Concrete	5%	Now	\$54,400	LIFE	* *	5	\$100	
		Displaced Elements, Extent : Severe, Area Affected : 100% Location : From North Side Of Kayak Ramp At 59th Street To 254 Feet From South End Of Asset, Adjacent To Settlement In Asphalt Pavers							
	Concrete	5%			LIFE	* *	5-10	\$300	
	No Component	90%							
	Gravity Wall Concrete	40%			LIFE	* *	5-10	\$10,300	
		Settlement, Extent : Light, Area Affected : 10% Location : At Pedestrian Access Area 575 Feet From South End Of Asset							
	No Component	60%							
	Piles and Bracing Concrete	2%			LIFE	* *	5	\$700	
	No Component	98%							
	Revetment Stone	80%			LIFE	* *	5	\$30,400	
		Missing Part, Extent : Light, Area Affected : 25% Location : Adjacent To Kayak Ramp At 59th Street Other Observation, Extent : Light, Area Affected : 100% Location : Toe Of Revetment Over Entire Length Explanation : Revetment Is Held Back By Concrete Beams Supported On Remnants Of Old Timber Relieving Platform							
	No Component	20%							
Backfill									
	Fill								
	Topsoil	5%	Now	\$17,100	2056	* *			
		Erosion, Extent : Severe, Area Affected : 100% Location : North Of 59th Street, Up To 3 Feet Wide							
	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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Backfill									
Surface									
	Asphalt Pavers	5%	Now	\$48,900	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+	\$111,900	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	\$8,600	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	\$109,300	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>									
Deck Elements									
Railing									
	Aluminum	25%			2026	\$289,900			
	No Component	75%							
Parapet									
	Concrete	12%			2029	* *			
	No Component	88%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$968,400	
<b>Total</b>	<b>\$968,400</b>	
Importance Code A	\$968,400	
<b>Total</b>	<b>\$968,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$15,900			
<b>Total</b>	<b>\$15,900</b>			
Importance Code A				
Importance Code B	\$15,900			
<b>Total</b>	<b>\$15,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**BULKHEAD @HAMMONDS COVE**  
**Asset # : 13704**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Sheet Piles								
	Steel	35%	2-4	\$431,000	LIFE	* *			
		Corrosion, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Missing Coating, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Steel	5%	Now	\$61,600	LIFE	* *			1
		Corrosion, Extent : Severe, Area Affected : 75%							
		Location : Corrosion Holes Throughout Tidal Zone							
	Timber	55%	0-2	\$436,100	LIFE	* *	4	\$2,100	
		Rotting/Splitting, Extent : Moderate, Area Affected : 85%							
		Location : Throughout In Tidal Zone							
	Timber	5%	Now	\$39,600	LIFE	* *	4	\$200	1
		Rotting/Splitting, Extent : Severe, Area Affected : 100%							
		Location : Isolated Throughout							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	75%	2-4	\$14,000	2039	* *	5	\$900	
		Settlement, Extent : Light, Area Affected : 10%							
		Location : Small Sinkholes Along Bulkhead							
		Other Observation, Extent : Severe, Area Affected : 2%							
		Location : Adjacent To Boat Lift							
		Explanation : Sinkholes							
	Asphalt	10%	Now	\$1,900	2039	* *	5	\$100	
		Settlement, Extent : Severe, Area Affected : 100%							
		Location : Single Sinkhole Between Visible Concrete Slabs							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$28,000		\$25,200	\$500
<b>Total</b>	<b>\$28,000</b>		<b>\$25,200</b>	<b>\$500</b>
Importance Code A	\$3,800		\$25,200	
Importance Code B	\$21,700			\$500
Importance Code C	\$2,500			
<b>Total</b>	<b>\$28,000</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Steel	50%			LIFE	* *	10	\$1,500	
	No Component	50%							
	Piles and Bracing								
	Timber	63%			2037	* *	4	\$50,400	
	No Component	30%							
	Not Accessible	7%							
	Revetment								
	Stone	30%			LIFE	* *	5	\$1,900	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : West Of Clubhouse							
	No Component	70%							
	Sheet Piles								
	Composite, 5' Water	50%			LIFE	* *	10		
	Timber	20%			LIFE	* *	4	\$3,000	
	No Component	30%							
	Wales								
	Timber	70%			LIFE	* *	4	\$8,400	
	No Component	30%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	45%	4+	\$21,700	2043	* *	5	\$1,400	
		Surface Wearing/Scaling, Extent : Light, Area Affected : 30%							
		Location : Parking Lot Area Worn							
	Concrete	3%			2037	* *	5	\$200	
	Topsoil	31%			2027	\$8,900	5	\$800	
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Along Top Of Riprap Revetment							
	Not Accessible	21%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : At North Side And Covered By Deck In Front Of Clubhouse.							
Deck Elements									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$65,800	
<b>Total</b>	<b>\$65,800</b>	
Importance Code A	\$65,800	
<b>Total</b>	<b>\$65,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$3,100		\$200	
<b>Total</b>	<b>\$3,100</b>		<b>\$200</b>	
Importance Code A	\$300			
Importance Code B	\$2,800		\$200	
<b>Total</b>	<b>\$3,100</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**  
**BULKHEAD @MILL BASIN MARINA STEEL BULKHEAD**  
**Asset # : 13694**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Sheet Piles								
	Steel, 10' Water	100%	4+	\$65,800	LIFE	* *	5	\$32,000	
		Corrosion, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Tidal And Splash Zone							
		Missing Connections, Extent : Moderate, Area Affected : 5%							
		Location : No Closure At South End, Fill Escaping							
Pile Caps									
	Steel	70%			2029	* *	5	\$600	
		Corrosion, Extent : Light, Area Affected : 15%							
		Location : Isolated Throughout							
	No Component	30%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	30%	Now	\$2,800	2043	* *	5	\$200	
		Settlement, Extent : Moderate, Area Affected : 100%							
		Location : Along Sheet Piles							
	Asphalt	30%			2031	* *	5	\$400	
	Gravel	30%			2037	* *	2-5	\$100	
		Settlement, Extent : Light, Area Affected : 10%							
		Location : South Corner							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : BULKHEAD 1 @PRINCESS BAY MARINA  
**Address** : FROM CREEK MOUTH TO WEST SIDE OF BOAT LAUNCH  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : PAR0153.010 / 13654 **Yr Built/Renovated** :  
**Linear Ft** : 276 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 12-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$189,700	\$612,400
<b>Total</b>	<b>\$189,700</b>	<b>\$612,400</b>
Importance Code A	\$189,700	\$528,000
Importance Code B		\$84,400
<b>Total</b>	<b>\$189,700</b>	<b>\$612,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$28,400			
<b>Total</b>	<b>\$28,400</b>			
Importance Code A				
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**  
**BULKHEAD 1 @PRINCESS BAY MARINA**  
**Asset # : 13654**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Piles and Bracing								
	Timber	65%	4+	\$52,800	2028	\$528,000	4	\$26,900	
		Rotting/Splitting, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	No Component	35%							
Sheet Piles									
	Composite, 5' Water	30%			LIFE	* *			
	Timber	55%			LIFE	* *	4	\$2,800	
	Timber	15%	Now	\$95,200	LIFE	* *	4	\$800	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Offshore Of Club House Pier							
Wales									
	Timber	100%	4+	\$41,800	LIFE	* *	4	\$4,100	
		Rotting/Splitting, Extent : Light, Area Affected : 15%							
		Location : Throughout							
Backfill									
	Fill								
	Topsoil	45%	Now	\$26,700	2065	* *			
		Erosion, Extent : Severe, Area Affected : 95%							
		Location : Beneath Club House Pier							
		Sinkhole, Extent : Severe, Area Affected : 5%							
		Location : 95 Feet From West End							
	Not Accessible	55%							
Surface									
	Topsoil	5%	Now	\$700	2025	\$700	5		
		Settlement, Extent : Moderate, Area Affected : 2%							
		Location : Sinkhole 95 Feet From West							
	Topsoil	55%			2024	\$8,200	5	\$700	
	No Component	40%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Beneath Club House Pier							
Fender									
	Pile Cluster								
	Timber	100%			2026		4-10		
		Other Observation, Extent : Light, Area Affected : 75%							
		Location : Tidal Zone							
		Explanation : Cable Wrap Corrosion							
Deck Elements									
	Railing								
	Fencing	28%			2026	\$4,200	3		
	Fencing	4%	2-4	\$600	2030	* *	3		
		Displaced Elements, Extent : Moderate, Area Affected : 100%							
		Location : Two Posts 125 Feet From West							
	Steel	32%			2023	\$84,400			
	No Component	36%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 : 12-May-2014 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 6694 Lot : 1 BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$8,400	\$100		\$42,100
<b>Total</b>	<b>\$8,400</b>	<b>\$100</b>		<b>\$42,100</b>
Importance Code A				\$42,100
Importance Code B	\$8,400	\$100		
<b>Total</b>	<b>\$8,400</b>	<b>\$100</b>		<b>\$42,100</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**  
**BULKHEAD 2 @PRINCESS BAY MARINA**  
**Asset # : 13655**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Piles and Bracing								
	Timber	90%			2034	* *	4	\$84,200	
		Rotting/Splitting, Extent : Light, Area Affected : 10%							
		Location : Tidal Zone							
	Not Accessible	10%							
Sheet Piles									
	Timber	90%			LIFE	* *	4	\$10,500	
		Other Observation, Extent : Severe, Area Affected : 2%							
		Location : Adjacent To Bridge Abutment							
		Explanation : Poor Construction, Sheet Pile Not Driven To Mudline							
	Not Accessible	10%							
Wales									
	Timber	100%			LIFE	* *	4	\$9,400	
Backfill									
	Fill								
	Topsoil	5%	Now	\$6,700	2065	* *			
		Sinkhole, Extent : Severe, Area Affected : 100%							
		Location : At 65, 75, And 95 Feet From West							
	Not Accessible	95%							
Surface									
	Topsoil	95%			2023	\$32,000	5	\$2,800	
		Settlement, Extent : Light, Area Affected : 10%							
		Location : At 125, 300, And 585 To 625 Feet From West							
		Other Observation, Extent : Severe, Area Affected : 2%							
		Location : Adjacent To Bridge Abutment							
		Explanation : Fill Loss Resulting From Poor Construction.							
	Topsoil	5%	Now	\$1,700	2025	\$1,700	5	\$100	
		Settlement, Extent : Severe, Area Affected : 100%							
		Location : Sinkholes At 65, 75, And 95 Feet From West							
Deck Elements									
	Railing								
	Fencing	95%			2029	* *	3	\$200	
	No Component	5%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$41,400
<b>Total</b>		<b>\$41,400</b>
Importance Code B		\$41,400
<b>Total</b>		<b>\$41,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$3,900	\$300		\$81,300
<b>Total</b>	<b>\$3,900</b>	<b>\$300</b>		<b>\$81,300</b>
Importance Code A				\$81,000
Importance Code B	\$3,900	\$300		\$200
Importance Code C				
<b>Total</b>	<b>\$3,900</b>	<b>\$300</b>		<b>\$81,300</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 3 @PRINCESS BAY MARINA SHEET BULKHEAD AND REVETMENT**  
**Asset # : 13656**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Piles and Bracing								
	Timber	95%			2038	* *	4	\$162,100	
	No Component	5%							
	Revetment								
	Stone	5%			LIFE	* *	5	\$300	
	No Component	95%							
	Sheet Piles								
	Composite, 5' Water	95%			LIFE	* *			
			Other Observation, Extent : Light, Area Affected : 2%						
			Location : Isolated						
			Explanation : Holes Around Bolt Locations Allowing Loss Of Fill						
	No Component	5%							
	Wales								
	Timber	95%			LIFE	* *	4	\$16,200	
	No Component	5%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Gravel	75%			2034	* *	2-5	\$2,600	
	Topsoil	5%	0-2	\$3,100	2025	\$3,100	5	\$100	
			Settlement, Extent : Moderate, Area Affected : 50%						
			Location : At 475 Feet, 692 Feet, And 719 Feet From Bridge Abutment At South End						
	Under Construction	20%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location :						
			Explanation : At Northern 220 Feet						
Deck Elements									
	Railing								
	Fencing	67%			2026	\$41,400	3	\$300	
	Under Construction	33%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Northern 380 Feet						
			Explanation : Temporary Fencing						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Bulkheads	\$245,600	
<b>Total</b>	<b>\$245,600</b>	
Importance Code A	\$245,600	
<b>Total</b>	<b>\$245,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$4,300		\$300	
<b>Total</b>	<b>\$4,300</b>		<b>\$300</b>	
Importance Code A				
Importance Code B	\$4,300		\$300	
Importance Code C	\$100			
<b>Total</b>	<b>\$4,300</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**  
**BULKHEAD AND GRAVITY WALL @DYCKMAN FISHING PIER**  
**Asset # : 13699**

Bulkheads		Current Repair		Future Replacement		Maintenance				
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural	Gravity Wall Concrete	75%	0-2	\$163,100	LIFE	* *	5	\$400		
		Broken, Extent : Moderate, Area Affected : 20%								
		Location : Throughout								
		Cracking, Extent : Severe, Area Affected : 100%								
		Location : Throughout								
		Erosion, Extent : Severe, Area Affected : 40%								
		Location : Throughout								
	No Component	25%								
	Pile Supported Wall Concrete	20%	2-4	\$82,500	2031	* *	5	\$500		
		Progressing Scour, Extent : Severe, Area Affected : 100%								
		Location : At Bottom Of Concrete Pier Abutment								
	No Component	80%								
	Revetment	Stone	10%			LIFE	* *	5	\$200	
		No Component	90%							
Backfill Fill		Stone	5%	Now	\$1,800	LIFE	* *	5		
	Loss of Backfill, Extent : Severe, Area Affected : 100%									
	Location : Behind Pier Abutment									
	Not Accessible	95%								
	Surface	Asphalt	20%	Now	\$2,400	2043	* *	5	\$200	
Settlement, Extent : Moderate, Area Affected : 75%										
Location : At Pier Abutment										
Topsoil		80%			2026	\$5,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$278,900	\$348,600
<b>Total</b>	<b>\$278,900</b>	<b>\$348,600</b>
Importance Code A	\$278,900	
Importance Code B		\$348,600
<b>Total</b>	<b>\$278,900</b>	<b>\$348,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$9,000			\$1,700
<b>Total</b>	<b>\$9,000</b>			<b>\$1,700</b>
Importance Code A	\$1,200			
Importance Code B	\$4,700			\$1,700
Importance Code C	\$3,100			
<b>Total</b>	<b>\$9,000</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Gravity Wall								
	Concrete	55%			LIFE	**	5-10	\$2,300	
		Other Observation, Extent : Light, Area Affected : 75%							
		Location : North Of Gas Pier							
		Explanation : Stone Gabion							
	No Component	45%							
Revetment	Stone	100%			LIFE	**	5	\$6,200	
	Sheet Piles								
	Steel	45%	4+	\$278,900	LIFE	**			
		Corrosion, Extent : Moderate, Area Affected : 100%							
		Location : In Tidal Zone Where Exposed							
	No Component	55%							
Backfill	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	10%	Now	\$4,700	2043	**	5	\$300	
		Settlement, Extent : Moderate, Area Affected : 100%							
		Location : Southern 60 Feet							
		Sinkhole, Extent : Severe, Area Affected : 50%							
		Location : South End Of Asset At 133rd Street							
	Asphalt	33%			2037	**	5	\$2,000	
	Concrete	25%			2037	**	5	\$1,500	
		Settlement, Extent : Light, Area Affected : 15%							
		Location : Throughout							
	Gravel	2%			2037	**	2-5		
	No Component	30%							
Deck Elements	Railing								
	Steel	70%			2027	\$348,600			
	No Component	30%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$2,662,500	\$2,133,700
<b>Total</b>	<b>\$2,662,500</b>	<b>\$2,133,700</b>
Importance Code A	\$2,547,700	\$2,095,400
Importance Code B	\$114,800	\$38,300
<b>Total</b>	<b>\$2,662,500</b>	<b>\$2,133,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$16,000			
<b>Total</b>	<b>\$16,000</b>			
Importance Code A				
Importance Code B	\$16,000			
<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**  
**BULKHEAD AT FORMER FUR FIN / FEATHERS ASSOCIATION**  
**Asset # : 13660**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Gravity Wall	Timber Crib w/Stone	20%	Now	\$866,600	LIFE	* *	4	\$5,200	
		Progressing Scour, Extent : Severe, Area Affected : 100% Location : Behind Remaining Marina Elements							
	No Component	80%							
Piles and Bracing									
Timber		80%	Now	\$209,500	2028	\$2,095,400	4	\$106,600	
		Rotting/Splitting, Extent : Severe, Area Affected : 40% Location : Collapsed Downstream 500 Feet							
	No Component	20%							
Sheet Piles									
Timber		80%	Now	\$1,363,800	LIFE	* *	4	\$13,300	
		Broken, Extent : Severe, Area Affected : 40% Location : Downstream Of Remaining Marina Rotting/Splitting, Extent : Severe, Area Affected : 40% Location : Downstream Of Remaining Marina							
	No Component	20%							
Wales									
Timber		80%	Now	\$107,800	LIFE	* *	4	\$10,700	
		Missing Part, Extent : Severe, Area Affected : 100% Location : Downstream Of Marina							
	No Component	20%							
Backfill									
Fill	Topsoil	40%	Now	\$76,500	2065	* *			
		Erosion, Extent : Severe, Area Affected : 100% Location : Throughout							
	Not Accessible	60%							
Surface									
Asphalt		20%	Now	\$16,000	2040	* *	5	\$1,000	
		Settlement, Extent : Severe, Area Affected : 100% Location : South Of Bend In Creek							
	Topsoil	80%	Now	\$38,300	2025	\$38,300	5	\$1,700	
	Erosion, Extent : Severe, Area Affected : 50% Location : South, North, And Throughout Marina Area								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$636,300	\$529,700
<b>Total</b>	<b>\$636,300</b>	<b>\$529,700</b>
Importance Code A	\$636,300	\$529,700
<b>Total</b>	<b>\$636,300</b>	<b>\$529,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$57,200			
<b>Total</b>	<b>\$57,200</b>			
Importance Code A	\$27,200			
Importance Code B	\$29,900			
<b>Total</b>	<b>\$57,200</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 AT FORMER SANDYS MARINA / TIMBER BULKHEAD**  
**Asset # : 13657**

<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>									
Piles and Bracing									
	Timber	40%	Now	\$70,600	2040	* *	4	\$18,000	1
<i>Broken, Extent : Severe, Area Affected : 100%</i>									
<i>Location : From Mouth Of Creek To Marina</i>									
	Timber	60%	2-4	\$105,900	2028	\$529,700	4	\$26,900	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Behind Marina</i>									
Sheet Piles									
	Timber	40%	Now	\$183,900	LIFE	* *	4	\$2,200	1
<i>Broken, Extent : Severe, Area Affected : 100%</i>									
<i>Location : From Mouth Of Creek Past Marina</i>									
	Timber	60%	2-4	\$275,800	LIFE	* *	4	\$3,400	
<i>Displaced Elements, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Behind Marina</i>									
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Behind Marina</i>									
<i>Explanation : Temporary Repairs</i>									
Wales									
	Timber	60%	Now	\$27,200	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	\$16,200	2040	* *	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+	\$13,700	2025	\$13,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6674 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$1,033,700	
<b>Total</b>	<b>\$1,033,700</b>	
Importance Code A	\$1,033,700	
<b>Total</b>	<b>\$1,033,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$14,100			
<b>Total</b>	<b>\$14,100</b>			
Importance Code A				
Importance Code B	\$14,100			
Importance Code C				
<b>Total</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**  
**BULKHEAD AT LEMON CREEK MARINA**  
**Asset # : 13659**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Piles and Bracing								
	Timber	55%	Now	\$85,000	2040	* *	4	\$43,200	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : From Clubhouse South For 280 Feet							
		Displaced Elements, Extent : Severe, Area Affected : 100%							
		Location : From Clubhouse South For 280 Feet							
	No Component	45%							
Revetment									
	Stone	10%			LIFE	* *	5	\$300	
	No Component	90%							
Sheet Piles									
	Timber	90%	Now	\$905,000	LIFE	* *	4	\$8,800	
		Displaced Elements, Extent : Severe, Area Affected : 60%							
		Location : From Clubhouse South For 280 Feet							
		Missing Part, Extent : Severe, Area Affected : 40%							
		Location : North And South Of Marina							
	No Component	10%							
Wales									
	Timber	55%	Now	\$43,700	LIFE	* *	4	\$4,300	
		Rotting/Splitting, Extent : Severe, Area Affected : 60%							
		Location : From Clubhouse South For 280 Feet							
	No Component	45%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Topsoil	50%	4+	\$14,100	2025	\$14,100	5	\$600	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Throughout Areas North And South Of Marina							
	Topsoil	50%			2023	\$14,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$225,800	\$573,500
<b>Total</b>	<b>\$225,800</b>	<b>\$573,500</b>
Importance Code A	\$41,800	
Importance Code B	\$104,700	\$573,500
Importance Code C	\$79,300	
<b>Total</b>	<b>\$225,800</b>	<b>\$573,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$27,800			
<b>Total</b>	<b>\$27,800</b>			
Importance Code A	\$26,500			
Importance Code B	\$1,300			
Importance Code C				
<b>Total</b>	<b>\$27,800</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, 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	**	5-10	\$3,400	
		<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+	\$24,200	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+	\$41,800	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+	\$79,300	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+	\$600	2029	**	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+	\$103,400	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	\$1,200	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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Deck Elements

Railing

Steel

100%

2026

\$573,500

*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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$339,600	
<b>Total</b>	<b>\$339,600</b>	
Importance Code A	\$339,600	
<b>Total</b>	<b>\$339,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$16,900	\$2,000		
<b>Total</b>	<b>\$16,900</b>	<b>\$2,000</b>		
Importance Code A				
Importance Code B	\$16,900	\$2,000		
Importance Code C				
<b>Total</b>	<b>\$16,900</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**  
**BULKHEAD, PIER 81 TO PIER 83**  
**Asset # : 1760**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Timber	85%			LIFE	**	5	\$200	
	No Component	15%							
Gravity Wall									
	Concrete	15%	4+	\$194,300	LIFE	**	5	\$300	
				Erosion, Extent : Moderate, Area Affected : 100%					
				Location : Tidal Zone					
	Concrete	5%	0-2	\$64,800	LIFE	**	5	\$100	
				Erosion, Extent : Severe, Area Affected : 100%					
				Location : At Dep Outfall					
	Stone	25%			LIFE	**	5	\$11,400	
	Stone	5%	4+	\$80,500	LIFE	**	5	\$2,300	
				Missing Block Seal, Extent : Severe, Area Affected : 100%					
				Location : Throughout					
	No Component	35%							
	Not Accessible	15%							
Sheet Piles									
	Concrete Encased Steel	25%			LIFE	**			
				Recent Replace Evident, Extent : Light, Area Affected : 100%					
				Location : From Pier 81 To 190 Feet North					
				Other Observation, Extent : Moderate, Area Affected : 25%					
				Location : Concrete Face In Tidal Zone					
				Explanation : Erosion					
	No Component	65%							
	Not Accessible	10%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	65%			2035	**	5	\$4,000	
				Cracking, Extent : Light, Area Affected : 10%					
				Location : Throughout					
	Asphalt	35%	0-2	\$16,900	2041	**	5	\$1,100	
				Sinkhole, Extent : Moderate, Area Affected : 25%					
				Location : Immediately Behind Steel Sheet Piles Throughout					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$350,300	\$446,300
<b>Total</b>	<b>\$350,300</b>	<b>\$446,300</b>
Importance Code A	\$350,300	
Importance Code B		\$446,300
<b>Total</b>	<b>\$350,300</b>	<b>\$446,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Gravity Wall	Concrete	15%	2-4	\$307,700	LIFE	* *	5	\$500	
		Erosion, Extent : Severe, Area Affected : 25%							
		Location : In Tidal Zone At Joints, North Of Pier 84							
	Concrete	25%			LIFE	* *	5	\$900	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Stone	15%			LIFE	* *	5	\$10,800	
	Stone	5%	4+	\$42,500	LIFE	* *	5	\$3,600	
		Broken, Extent : Moderate, Area Affected : 1%							
		Location : Block With Broken Corner South Of Pier 84							
	Missing Block Seal, Extent : Moderate, Area Affected : 50%								
		Location : Throughout							
	Not Accessible	40%							
Backfill									
Fill	Not Accessible	100%							
	Surface								
	Concrete	10%			2035	* *	5	\$1,000	
		Cracking, Extent : Light, Area Affected : 1%							
		Location : Throughout							
	Stone	75%			2035	* *	10		
	Timber	15%			2035	* *	10		
Deck Elements									
Railing	Steel	55%			2024	\$446,300			
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : North Of Pier 84							
		Explanation : Timber Top Rail							
		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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$741,900	\$484,100
<b>Total</b>	<b>\$741,900</b>	<b>\$484,100</b>
Importance Code A	\$741,900	
Importance Code B		\$484,100
<b>Total</b>	<b>\$741,900</b>	<b>\$484,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Concrete	60%	2-4	\$445,100	LIFE	* *	5	\$2,200	
		Cracking, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : Throughout, Erosion Band Along The Tidal Zone Up To 1 Feet Deep							
	Concrete	10%	Now	\$296,700	LIFE	* *	5	\$400	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Northern 100 Feet Has Erosion Up To 3 Feet Deep In Tidal Zone							
	Not Accessible	30%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	45%			2035	* *	5	\$4,700	
		Cracking, Extent : Light, Area Affected : 30%							
		Location : Throughout							
	Stone	55%			2035	* *	10		
Deck Elements									
	Railing								
	Steel	55%			2024	\$484,100			
		Rusted Steel Surface, Extent : Light, Area Affected : 2%							
		Location : Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$198,700	
<b>Total</b>	<b>\$198,700</b>	
Importance Code A	\$163,100	
Importance Code B	\$35,600	
<b>Total</b>	<b>\$198,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$64,200			
<b>Total</b>	<b>\$64,200</b>			
Importance Code A				
Importance Code B	\$64,200			
<b>Total</b>	<b>\$64,200</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

## BULKHEAD, PIER 98

Asset # : 4160

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top Concrete	65%	4+	\$127,900	LIFE	**	5	\$700	
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : Bottom Corner In Tidal Zone							
	No Component	35%							
Gravity Wall									
	Concrete	15%			LIFE	**	5	\$200	
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Tidal Zone							
	No Component	65%							
	Not Accessible	20%							
Piles and Bracing									
	No Component	35%							
	Not Accessible	65%							
Pile Caps									
	Timber	10%	4+	\$35,300	LIFE	**	4	\$200	
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : Throughout Cap Ends							
	Not Accessible	90%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Concrete	100%			2039	**	5	\$3,300	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : From Pier 98 To Pier 99							
Fender									
	Piles								
	Timber	65%	Now	\$35,600	2041	**	4	\$4,500	
		Missing Pile, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Rotting/Splitting, Extent : Severe, Area Affected : 80%							
		Location : Throughout							
	No Component	35%							
Wales and Chocks									
	Timber	65%	Now	\$33,600	2041	**	4	\$10,300	
		Missing Part, Extent : Severe, Area Affected : 85%							
		Location : Throughout							
		Rotting/Splitting, Extent : Moderate, Area Affected : 75%							
		Location : Throughout							
	No Component	35%							
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, PIER 98**  
**Asset # : 4160**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Timber	65%			2019	\$28,900			
		Rotting/Splitting, Extent : Light, Area Affected : 15%							
		Location : Top Rail							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$198,300	\$201,400
<b>Total</b>	<b>\$198,300</b>	<b>\$201,400</b>
Importance Code A	\$198,300	\$44,800
Importance Code B		\$156,700
<b>Total</b>	<b>\$198,300</b>	<b>\$201,400</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**  
**BULKHEAD, PIERS 95 AND 96**  
**Asset # : 1764**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	70%			LIFE	* *	5	\$39,200	
	Stone	10%	4+	\$198,300	LIFE	* *	5	\$5,600	
	Displaced Elements, Extent : Light, Area Affected : 5%								
	Location : Immediately South Of Pier 97 Bow Notch								
	Missing Block Seal, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Spalling, Extent : Light, Area Affected : 10%								
	Location : Top Course North Of Pier 95								
	Not Accessible	20%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Stone	100%			2039	* *	10		
Deck Elements									
	Railing								
	Aluminum	65%			2025	\$156,700			
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$1,146,000	\$354,100
<b>Total</b>	<b>\$1,146,000</b>	<b>\$354,100</b>
Importance Code B	\$275,900	\$354,100
Importance Code C	\$870,100	
<b>Total</b>	<b>\$1,146,000</b>	<b>\$354,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads		\$10,800		\$20,200
<b>Total</b>		<b>\$10,800</b>		<b>\$20,200</b>
Importance Code A				
Importance Code B		\$10,800		\$20,100
Importance Code C				
<b>Total</b>		<b>\$10,800</b>		<b>\$20,200</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**  
**CALVERT VAUX PARK RIP-RAP**  
**Asset # : 922**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone Gabion	2%			LIFE	* *	3	\$100	
	No Component	98%							
Revetment									
	Stone	15%			LIFE	* *	5	\$5,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Southern End Of Asset							
		Explanation : Armor Stone							
	Stone	30%	4+	\$870,100	LIFE	* *	5	\$11,800	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Erosion Of Bank North Of Natural Shoreline							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : North Of Natural Shoreline							
		Explanation : Poorly Graded Concrete Debris And Stone							
	Stone	35%			LIFE	* *	5	\$13,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : North Of Natural Shoreline							
		Explanation : Poorly Graded Concrete Debris And Stone							
	No Component	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Adjacent To Gabion Wall							
		Explanation : Natural Shoreline							
Backfill									
	Fill								
	Topsoil	30%	4+	\$169,700	2067	* *			
		Erosion, Extent : Moderate, Area Affected : 25%							
		Location : Upland Of Poorly Graded Concrete Debris And Stone							
	Not Accessible	70%							
Surface									
	Topsoil	30%	4+	\$106,200	2027	\$106,200	5	\$4,600	
		Erosion, Extent : Moderate, Area Affected : 25%							
		Location : Upland Of Poorly Graded Concrete Debris And Stone							
	Topsoil	70%			2025	\$247,800	5	\$21,500	
		Erosion, Extent : Moderate, Area Affected : 100%							
		Location : Face Of Bank							
Deck Elements									
	Railing								
	Timber	2%			2022	\$20,100			
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Adjacent To Gabion Wall							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$205,100	\$62,300
<b>Total</b>	<b>\$205,100</b>	<b>\$62,300</b>
Importance Code A	\$205,100	
Importance Code B		\$62,300
<b>Total</b>	<b>\$205,100</b>	<b>\$62,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$200		\$6,600	\$200
<b>Total</b>	<b>\$200</b>		<b>\$6,600</b>	<b>\$200</b>
Importance Code B	\$200		\$6,600	\$200
<b>Total</b>	<b>\$200</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Sheet Piles								
	Steel	30%	4+	\$205,100	LIFE		* *		
		Corrosion, Extent : Moderate, Area Affected : 30%							
		Location : Tidal And Splash Zones							
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : Throughout							
		Explanation : Holes At Sheet Pile Splice Locations							
	Steel	30%			LIFE		* *		
	Not Accessible	40%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Concrete	100%			2036		* *	5	\$13,100
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Behind Steel Sheet Piles							
		Explanation : Fdr Is Behind Concrete Surface							
Deck Elements									
	Railing								
	Fencing	100%			2028	\$62,300	3	\$600	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$1,991,500	\$742,600
<b>Total</b>	<b>\$1,991,500</b>	<b>\$742,600</b>
Importance Code A	\$1,991,500	\$64,000
Importance Code B		\$678,600
<b>Total</b>	<b>\$1,991,500</b>	<b>\$742,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$51,000	\$500	\$2,200	
<b>Total</b>	<b>\$51,000</b>	<b>\$500</b>	<b>\$2,200</b>	
Importance Code B	\$36,700	\$500	\$2,200	
Importance Code C	\$14,200			
<b>Total</b>	<b>\$51,000</b>	<b>\$500</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**  
**CARL SCHURZ PARK SEAWALL**  
**Asset # : 752**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Stone	90%			LIFE	**	5	\$1,100	
	Stone	10%	Now	\$14,200	LIFE	**	5	\$100	
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : North End Behind Chain-link Fence								
	Explanation : Displaced								
Gravity Wall									
	Conc w/Stone Face	25%	Now	\$796,600	LIFE	**	5	\$16,000	
	Displaced Elements, Extent : Severe, Area Affected : 25%								
	Location : North End								
	Missing Part, Extent : Severe, Area Affected : 30%								
	Location : Several Sections Of Missing Stone Facing								
	Missing Block Seal, Extent : Moderate, Area Affected : 50%								
	Location : Throughout Tidal Zone								
	Conc w/Stone Face	75%	4+	\$1,194,900	LIFE	**	5	\$48,000	
	Missing Block Seal, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Other Observation, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Explanation : Missing Stone Fascia								
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	15%	Now	\$9,600	2042	**	5	\$600	
	Settlement, Extent : Moderate, Area Affected : 100%								
	Location : At North End								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : North End 60 Feet Long Section								
	Explanation : Area Cordoned Off With Chain-link Fence Due To Settlement								
	Asphalt	55%			2036	**	5	\$4,500	
	Settlement, Extent : Light, Area Affected : 5%								
	Location : Along Wall Edge								
	Topsoil	30%			2025	\$11,500	5	\$1,000	
Deck Elements									
	Railing								
	Steel	60%			2025	\$407,200			
	Steel	40%	Now	\$27,100	2025	\$271,400			
	Broken, Extent : Severe, Area Affected : 25%								
	Location : Northern 60 Feet								
	Corrosion, Extent : Moderate, Area Affected : 10%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$100	\$500	\$6,300	
<b>Total</b>	<b>\$100</b>	<b>\$500</b>	<b>\$6,300</b>	
Importance Code A			\$6,200	
Importance Code B	\$100	\$500	\$100	
Importance Code C				
<b>Total</b>	<b>\$100</b>	<b>\$500</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**  
**COMPOSITE SHEET PILE BULKHEAD AND REVETMENT**  
**Asset # : 13946**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Piles and Bracing								
	Composite, 5' Water	30%			2035	**			
	Timber	15%			2029	**	4	\$12,300	
		Rotting/Splitting, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
	No Component	55%							
Revetment									
	Stone	100%			LIFE	**	5	\$3,300	
Sheet Piles									
	Composite, 5' Water	30%			LIFE	**			
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Intermittent Throughout							
		Explanation : Corrosion At Hardware							
	Timber	15%			LIFE	**	4	\$1,500	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
		Explanation : Cracking And Weathering							
	No Component	55%							
Wales									
	Composite, 5' Water	30%			LIFE	**			
		Other Observation, Extent : Moderate, Area Affected : 15%							
		Location : Intermittent Throughout							
		Explanation : Corrosion At Hardware And Cracking Along Wale							
	Timber	15%			LIFE	**	4	\$1,200	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
		Explanation : Weathering And Cracking							
	No Component	55%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	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.*

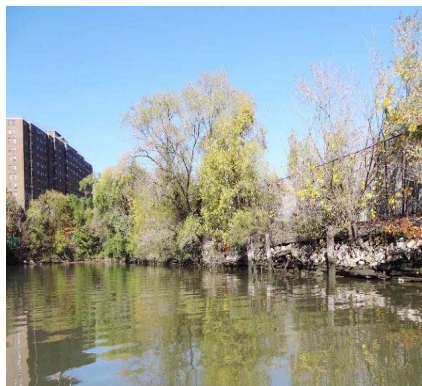
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$423,600	
<b>Total</b>	<b>\$423,600</b>	
Importance Code A	\$423,600	
<b>Total</b>	<b>\$423,600</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</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 & RECREATION - 846**  
**CRIBBING BULKHEAD**  
**Asset # : 13808**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Timber Crib w/Stone	100%	Now	\$423,600	LIFE	* *	4	\$4,200	
				Broken, Extent : Moderate, Area Affected : 100%					
				Location : Piles And Timber Members					
				Displaced Elements, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Rotting/Splitting, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Throughout					
				Explanation : Partial Collapse					
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Topsoil	100%			2026	\$7,800	5	\$700	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$386,700	
<b>Total</b>	<b>\$386,700</b>	
Importance Code A	\$386,700	
<b>Total</b>	<b>\$386,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$1,500	\$1,800		
<b>Total</b>	<b>\$1,500</b>	<b>\$1,800</b>		
Importance Code B	\$1,500	\$1,800		
<b>Total</b>	<b>\$1,500</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**  
**CROMWELL RECREATION CENTER STEEL SHEET PILE BULKHEAD**  
**Asset # : 2874**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Sheet Piles								
	Steel	100%	4+	\$386,700	LIFE	**			
		Corrosion, Extent : Moderate, Area Affected : 100%							
		Location : Above Mudline							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	95%			2035	**	5	\$3,500	
		Settlement, Extent : Light, Area Affected : 10%							
		Location : Isolated Throughout							
	Asphalt	5%	Now	\$1,500	2041	**	5	\$100	
		Settlement, Extent : Severe, Area Affected : 100%							
		Location : Station 1+00 From Victory Blvd							
Deck Elements									
	Railing								
	Fencing	100%			2027	\$17,600	3	\$100	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$230,400	
<b>Total</b>	<b>\$230,400</b>	
Importance Code B	\$44,500	
Importance Code C	\$185,900	
<b>Total</b>	<b>\$230,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$21,500	\$300	\$400	
<b>Total</b>	<b>\$21,500</b>	<b>\$300</b>	<b>\$400</b>	
Importance Code B	\$21,500	\$300	\$400	
Importance Code C				
<b>Total</b>	<b>\$21,500</b>	<b>\$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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Revetment								
	Stone	55%	Now	\$185,900	LIFE	* *	5	\$1,500	
		Erosion, Extent : Moderate, Area Affected : 100%							
		Location : Beind Revetment							
		Missing Part, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Loose Concrete Debris And Stone							
	No Component	45%							
Sheet Piles	Steel	15%			LIFE	* *			
		Corrosion, Extent : Moderate, Area Affected : 20%							
		Location : Above Water							
	No Component	85%							
Backfill	Fill								
	Topsoil	45%	Now	\$44,500	2067	* *			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Above Revetment							
		Explanation : Erosion Evident							
	Not Accessible	55%							
Surface	Asphalt	5%	Now	\$2,100	2042	* *	5	\$100	
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : Behind Revetment							
	Asphalt	15%			2036	* *	5	\$800	
	Concrete	5%	Now	\$8,300	2042	* *	5	\$100	
		Erosion, Extent : Severe, Area Affected : 50%							
		Location : Behind Revetment							
	Topsoil	30%			2025	\$7,400	5	\$600	
	Topsoil	45%	Now	\$11,100	2027	\$11,100	5	\$500	
		Erosion, Extent : Moderate, Area Affected : 25%							
	Location : Behind Revetment								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$158,700
<b>Total</b>		<b>\$158,700</b>
Importance Code B		\$158,700
<b>Total</b>		<b>\$158,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$6,400	\$2,800		
<b>Total</b>	<b>\$6,400</b>	<b>\$2,800</b>		
Importance Code A				
Importance Code B	\$6,400	\$2,800		
<b>Total</b>	<b>\$6,400</b>	<b>\$2,800</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**DRISCOLL TUCKER PLACE CONCRETE WHARF**  
**Asset # : 903**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Not Accessible	100%							
	Pile Caps								
	Concrete	100%			LIFE	* *	5	\$500	
				Cracking, Extent : Moderate, Area Affected : 1%					
				Location : At East Side Of Outfall Along South Face					
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Concrete	85%			2035	* *	5	\$1,600	
				Surface Wearing/Scaling, Extent : Light, Area Affected : 25%					
				Location : Throughout					
	Concrete	10%	2-4	\$6,000	2041	* *	5	\$100	
				Settlement, Extent : Moderate, Area Affected : 100%					
				Location : East End Of Park Has Area Of Concrete Surface Beginning To Be Undermined					
	Topsoil	5%	4+	\$400	2026	\$400	5		
				Erosion, Extent : Moderate, Area Affected : 50%					
				Location : East End Of Park					
Fender									
	Facing								
	Timber	90%			2029	* *	3	\$5,900	
				Rotting/Splitting, Extent : Light, Area Affected : 10%					
				Location : Tidal Zone					
	Not Accessible	10%							
Deck Elements									
	Railing								
	Steel	100%			2024	\$158,700			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$605,300	
<b>Total</b>	<b>\$605,300</b>	
Importance Code A	\$221,700	
Importance Code C	\$383,600	
<b>Total</b>	<b>\$605,300</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$20,900		\$1,200	
<b>Total</b>	<b>\$20,900</b>		<b>\$1,200</b>	
Importance Code A				
Importance Code B	\$19,700		\$1,200	
Importance Code C	\$1,100			
<b>Total</b>	<b>\$20,900</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**  
**EAST CITY ISLAND PARK REVETMENT**  
**Asset # : 2710**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Timber Crib w/Stone	30%	0-2	\$221,700	LIFE	* *	4	\$6,600	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : South End							
		Rotting/Splitting, Extent : Severe, Area Affected : 100%							
		Location : South End							
	No Component	70%							
Revetment									
	Stone	30%	0-2	\$153,400	LIFE	* *	5	\$1,400	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Behind Timber Cribs							
		Explanation : Unstable. Restrained By Deteriorated Timber Crib							
	Stone	25%			LIFE	* *	5	\$2,300	
	Stone	45%	4+	\$230,100	LIFE	* *	5	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Entire Northern Section And Section Between Cribs							
		Explanation : Non-engineered Revetment							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Stone	25%	Now	\$19,700	2037	* *			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Above Intact Revetment							
		Explanation : Ungraded Stone With Poor Coverage							
	Topsoil	65%			2026	\$26,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$1,999,900	\$6,359,400
<b>Total</b>	<b>\$1,999,900</b>	<b>\$6,359,400</b>
Importance Code A	\$1,963,000	
Importance Code B	\$37,000	\$6,359,400
<b>Total</b>	<b>\$1,999,900</b>	<b>\$6,359,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$33,300		\$5,500	
<b>Total</b>	<b>\$33,300</b>		<b>\$5,500</b>	
Importance Code A	\$22,000			
Importance Code B			\$5,500	
Importance Code C	\$11,300			
<b>Total</b>	<b>\$33,300</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Relieving Platform Top								
	Concrete	89%			LIFE	**	5-10	\$44,100	
	Concrete	2%	4+	\$44,700	LIFE	**	5	\$500	
		Mechanical Damage, Extent : Moderate, Area Affected : 100%							
		Location : Isolated Missing And Cracked Transition Panels							
	No Component	9%							
Coping/Curb									
	Stone	100%			LIFE	**	5	\$22,500	
Gravity Wall									
	Concrete	9%	2-4	\$1,918,200	LIFE	**	5	\$2,400	
		Displaced Elements, Extent : Moderate, Area Affected : 20%							
		Location : Southern 200 Feet Displaced From Beneath Deck Surface							
		Erosion, Extent : Severe, Area Affected : 20%							
		Location : Tidal Zone Of Southern 560 Feet							
	No Component	91%							
Piles and Bracing									
	No Component	9%							
	Not Accessible	91%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt Pavers	98%			2037	**	5	\$74,000	
		Settlement, Extent : Light, Area Affected : 1%							
		Location : Isolated Throughout							
	Topsoil	2%			2026	\$7,100	5	\$600	
Fender									
	Piles								
	Timber	2%			2041	**	4	\$3,200	
	No Component	98%							
Wales and Chocks									
	Timber	2%			2041	**	4	\$7,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Firewater Intake Structure							
		Explanation : Location							
	No Component	98%							
Deck Elements									
	Railing								
	Steel	100%			2027	\$6,322,400			

*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.*

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**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 1,611 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 5 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$78,000
<b>Total</b>		<b>\$78,000</b>
Importance Code B		\$78,000
<b>Total</b>		<b>\$78,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$5,400			
<b>Total</b>	<b>\$5,400</b>			
Importance Code B	\$5,400			
Importance Code C				
<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**  
**EAST SHORE RIP-RAP SHORELINE**  
**Asset # : 13856**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$9,600	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	2%	4+	\$2,900	2040	* *	5	\$200	
Erosion, Extent : Light, Area Affected : 20%									
Location : From 1030 Feet To 1070 Feet From The North									
	Asphalt	8%			2034	* *	5	\$1,500	
	Topsoil	88%			2023	\$76,300	5	\$6,600	
	Topsoil	2%	Now	\$1,700	2025	\$1,700	5	\$100	
Erosion, Extent : Moderate, Area Affected : 100%									
Location : Adjacent To Asphalt From 1030 Feet To 1070 Feet From The North									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



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**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$198,100	\$216,000
<b>Total</b>	<b>\$198,100</b>	<b>\$216,000</b>
Importance Code A	\$198,100	
Importance Code B		\$216,000
<b>Total</b>	<b>\$198,100</b>	<b>\$216,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$26,800			
<b>Total</b>	<b>\$26,800</b>			
Importance Code A				
Importance Code B	\$9,900			
Importance Code C	\$16,900			
<b>Total</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**  
**FABER PARK TIMBER CRIBBING W/TIMBER FACING**  
**Asset # : 708**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Concrete	90%			LIFE	**	5	\$200	
	Concrete	10%	4+	\$4,600	LIFE	**	5		
	Spalling, Extent : Moderate, Area Affected : 50%								
	Location : Isolated Throughout								
Facing									
	Timber	30%	Now	\$3,700	LIFE	**			
	Broken, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Missing Part, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Timber	70%	4+	\$8,600	LIFE	**			
	Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
	Location : Throughout								
Gravity Wall									
	Timber Crib w/Stone	25%	4+	\$165,000	LIFE	**	4	\$1,600	
	Rotting/Splitting, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Timber Crib w/Stone	5%	2-4	\$33,000	LIFE	**	4	\$300	
	Rotting/Splitting, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Not Accessible	70%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Brick Pavers	100%			2034	**	5	\$2,600	
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Along Coping Isolated								
	Explanation : Settlement								
Deck Elements									
	Railing								
	Steel	80%			2024	\$172,800			
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : Throughout								
	Explanation : Corrosion								
	Steel	20%	4+	\$8,600	2024	\$43,200			
	Other Observation, Extent : Moderate, Area Affected : 20%								
	Location : East And West End								
	Explanation : Corrosion								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

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**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Bulkheads	\$1,425,100	\$527,800
<b>Total</b>	<b>\$1,425,100</b>	<b>\$527,800</b>
Importance Code B	\$88,100	\$489,700
Importance Code C	\$1,337,000	\$38,100
<b>Total</b>	<b>\$1,425,100</b>	<b>\$527,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Gravity Wall								
	Stone	2%			LIFE	* *	5	\$15,400	
		Other Observation, Extent : Severe, Area Affected : 50%							
		Location : East End Of Park Next To Trump Golf Course							
		Explanation : Undermining Of The Abandoned Wall							
	No Component	98%							
	Revetment								
	Stone	20%	4+	\$1,337,000	LIFE	* *	5	\$10,900	
		Erosion, Extent : Light, Area Affected : 10%							
		Location : Erosion Of The Bank Throughout							
	Missing Part, Extent : Moderate, Area Affected : 10%								
	Location : Stone Missing In Revetment Throughout								
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location : Behind Rip Rap Below Bank, Throughout								
	Explanation : Scarping Of Bank								
	Stone	50%			LIFE	* *	5	\$27,200	
	No Component	30%							
Backfill	Fill								
	Topsoil	10%	Now	\$39,100	2067	* *			
		Erosion, Extent : Moderate, Area Affected : 30%							
		Location : Along Bank Up To 2 Ft High Bank Throughout							
	Not Accessible	90%							
	Surface								
	Topsoil	10%	Now	\$49,000	2027	\$49,000	5	\$2,100	
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Along Bank							
		Explanation : Moderate Scarping Of The Bank In The Marsh Area							
	Topsoil	90%			2025	\$440,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Bulkheads		\$1,959,300
<b>Total</b>		<b>\$1,959,300</b>
Importance Code B		\$1,959,300
<b>Total</b>		<b>\$1,959,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$14,600		\$11,600	
<b>Total</b>	<b>\$14,600</b>		<b>\$11,600</b>	
Importance Code B	\$10,500		\$11,600	
Importance Code C	\$4,100			
<b>Total</b>	<b>\$14,600</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Coping/Curb								
	Stone	1%	Now	\$4,100	LIFE	* *	5		
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : At Sta. 19+75							
		Explanation : Missing Stone Coping							
	Stone	99%			LIFE	* *	5	\$3,500	
	Revetment								
	Stone	100%			LIFE	* *	5	\$12,300	
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Throughout							
	Explanation : Heavy Vegetation								
Backfill	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt Pavers	99%			2036	* *	5	\$23,200	
		Settlement, Extent : Light, Area Affected : 2%							
		Location : Throughout							
	Asphalt Pavers	1%	Now	\$10,500	2036	* *	5	\$100	
		Settlement, Extent : Moderate, Area Affected : 40%							
		Location : At Sta. 0+60							
		Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : At Sta. 0+33								
	Explanation : Missing Asphalt Pavers								
Deck Elements	Railing								
	Steel	100%			2025	\$1,959,300			
		Missing Coating, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Explanation : Corrosion							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$218,100	\$1,949,800
<b>Total</b>	<b>\$218,100</b>	<b>\$1,949,800</b>
Importance Code A	\$163,500	
Importance Code B	\$54,600	\$1,949,800
<b>Total</b>	<b>\$218,100</b>	<b>\$1,949,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$48,200		\$10,500	
<b>Total</b>	<b>\$48,200</b>		<b>\$10,500</b>	
Importance Code A				
Importance Code B	\$36,000		\$10,500	
Importance Code C	\$12,300			
<b>Total</b>	<b>\$48,200</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**

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								
Stone	3%	Now	\$12,300	LIFE	**	5	\$100	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Isolated Locations							
	Explanation : Missing Stone Coping							
Stone	97%			LIFE	**	5	\$3,400	
Gravity Wall								
Stone	8%	4+	\$163,500	LIFE	**	5	\$13,800	
	Missing Block Seal, Extent : Moderate, Area Affected : 40%							
	Location : Tidal Zone							
No Component	92%							
Revetment								
Stone	100%			LIFE	**	5	\$12,200	
Backfill								
Fill								
Topsoil	2%	2-4	\$8,800	2067	**			
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : At Missing Paver Locations							
	Explanation : Settlement							
Not Accessible	98%							
Surface								
Asphalt Pavers	90%			2036	**	5	\$21,000	
	Settlement, Extent : Light, Area Affected : 10%							
	Location : Isolated Throughout; Along Face							
Asphalt Pavers	3%	Now	\$12,600	2036	**	5	\$300	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Sta 0+46, 8+40 To 8+85, And 11+45 To 11+93 From East End							
	Explanation : Missing							
Asphalt Pavers	7%	2-4	\$14,700	2036	**	5	\$800	
	Settlement, Extent : Moderate, Area Affected : 10%							
	Location : Sta. 8+40 To 8+80, 11+45 To 11+93, 13+76, And 14+65 To 15+10 From East End							
Deck Elements								
Railing								
Steel	80%			2025	\$1,559,800			
	Corrosion, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Missing Coating, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Steel	8%	2-4	\$31,200	2025	\$156,000			
	Corrosion, Extent : Severe, Area Affected : 10%							
	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							
Steel	12%	4+	\$23,400	2025	\$234,000			
	Corrosion, Extent : Moderate, Area Affected : 10%							
	Location : Isolated Locations							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$75,100	\$2,389,400
<b>Total</b>	<b>\$75,100</b>	<b>\$2,389,400</b>
Importance Code B		\$2,389,400
Importance Code C	\$75,100	
<b>Total</b>	<b>\$75,100</b>	<b>\$2,389,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$30,400		\$13,600	
<b>Total</b>	<b>\$30,400</b>		<b>\$13,600</b>	
Importance Code B	\$30,400		\$13,600	
Importance Code C				
<b>Total</b>	<b>\$30,400</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Stone	3%	Now	\$75,100	LIFE	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 5% Location : Sta. 3+81 To 4+24, 6+10, 16+55 To 16+93, And 18+58 To 19+61 From East End Explanation : Missing Stone Coping							
	Stone	97%			LIFE	* *	5	\$4,100	
	Revetment Stone	100%			LIFE	* *	5	\$15,000	
		Other Observation, Extent : Light, Area Affected : 25% Location : Throughout Explanation : Heavy Vegetation							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt Pavers	95%			2036	* *	5	\$27,100	
		Settlement, Extent : Light, Area Affected : 5% Location : Throughout							
	Asphalt Pavers	5%	Now	\$25,700	2036	* *	5	\$700	
		Settlement, Extent : Moderate, Area Affected : 5% Location : Sta 3+75, 16+25, 16+50 To 16+93, 18+10, 19+75, And 22+94 From South End Other Observation, Extent : Moderate, Area Affected : 5% Location : Sta 3+81 To 4+24 And 5+78 To 6+18 From South End Explanation : Missing Asphalt Pavers							
Deck Elements									
	Railing								
	Steel	1%	Now	\$4,800	2025	\$23,900			
		Broken, Extent : Severe, Area Affected : 100% Location : Sta 13+00 From South End							
	Steel	99%			2025	\$2,365,500			
		Corrosion, Extent : Light, Area Affected : 5% Location : Isolated At Base Plates Throughout Missing Connections, Extent : Light, Area Affected : 5% Location : Isolated Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*  
*Estimates are rounded to the nearest hundred dollars.*  
*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$200,600	\$765,400
<b>Total</b>	<b>\$200,600</b>	<b>\$765,400</b>
Importance Code A	\$200,600	
Importance Code B		\$765,400
<b>Total</b>	<b>\$200,600</b>	<b>\$765,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$42,800		\$4,800	
<b>Total</b>	<b>\$42,800</b>		<b>\$4,800</b>	
Importance Code A	\$33,800			
Importance Code B	\$9,100		\$4,800	
Importance Code C				
<b>Total</b>	<b>\$42,800</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Coping/Curb Stone	100%			LIFE	**	5	\$1,400	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : At Sta. 8+25							
		Explanation : Missing Blocks							
	Gravity Wall Stone	2%	4+	\$33,800	LIFE	**	5	\$1,400	
		Missing Block Seal, Extent : Moderate, Area Affected : 40%							
		Location : Tidal Zone							
	No Component	98%							
	Sheet Piles								
	Concrete Encased Steel	88%			LIFE	**			
Steel	10%	2-4	\$200,600	LIFE	**				
	Corrosion, Extent : Severe, Area Affected : 10%								
	Location : Throughout								
	Other Observation, Extent : Severe, Area Affected : 10%								
	Location : Isolated Throughout								
	Explanation : Corrosion Holes								
	No Component	2%							
Backfill	Fill								
	Topsoil	5%	Now	\$9,100	2067	**			
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Fill Loss Through Holes In Steel Sheets							
	No Accessible	95%							
Surface	Asphalt Pavers	100%			2036	**	5	\$9,600	
		Settlement, Extent : Light, Area Affected : 5%							
	Location : Isolated Throughout								
Deck Elements	Railing Steel	95%			2025	\$765,400			
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Isolated At Base Plates							
	No Component	5%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$2,608,400	\$767,400
<b>Total</b>	<b>\$2,608,400</b>	<b>\$767,400</b>
Importance Code B	\$157,000	\$688,300
Importance Code C	\$2,451,500	\$79,100
<b>Total</b>	<b>\$2,608,400</b>	<b>\$767,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$25,000	\$6,300		
<b>Total</b>	<b>\$25,000</b>	<b>\$6,300</b>		
Importance Code B	\$25,000	\$6,300		
<b>Total</b>	<b>\$25,000</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	15%	4+	\$1,532,200	LIFE	* *	5	\$12,500	
		Settlement, Extent : Moderate, Area Affected : 10%							
		Location : South Of George Washington Bridge							
		Other Observation, Extent : Moderate, Area Affected : 80%							
		Location : Throughout South Of Bridge And Along Railroad Fenceline North Of Bridge							
		Explanation : Insufficient Armor Stone							
	Stone	65%			LIFE	* *	5	\$54,100	
	Stone	15%	Now	\$919,300	LIFE	* *	5	\$12,500	
		Settlement, Extent : Severe, Area Affected : 20%							
		Location : Primarily South Of George Washington Bridge							
		Other Observation, Extent : Severe, Area Affected : 60%							
		Location : Throughout							
		Explanation : Insufficient Armor Stone							
	No Component	5%							
Backfill									
	Fill								
	Topsoil	15%	Now	\$89,700	2054	* *			
		Erosion, Extent : Severe, Area Affected : 50%							
		Location : Throughout At Areas Of Revetment Settlement							
	Not Accessible	85%							
Surface									
	Asphalt	8%			2035	* *	5	\$12,700	
	Topsoil	77%			2024	\$576,100	5	\$50,100	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Primarily North Of George Washington Bridge							
		Explanation : Heavy Vegetation							
	Topsoil	15%	Now	\$67,300	2024	\$112,200	5	\$4,900	
		Erosion, Extent : Severe, Area Affected : 80%							
		Location : At Areas Of Revetment Settlement							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$149,400	\$42,000
<b>Total</b>	<b>\$149,400</b>	<b>\$42,000</b>
Importance Code A	\$81,900	
Importance Code B		\$42,000
Importance Code C	\$67,400	
<b>Total</b>	<b>\$149,400</b>	<b>\$42,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$10,200		\$1,800	
<b>Total</b>	<b>\$10,200</b>		<b>\$1,800</b>	
Importance Code B	\$3,800		\$1,800	
Importance Code C	\$6,500			
<b>Total</b>	<b>\$10,200</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**  
**FRANCIS LEWIS PARK REVETMENT**  
**Asset # : 705**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Concrete	15%	4+	\$2,400	LIFE	**	5	\$100	
		Cracking, Extent : Moderate, Area Affected : 10% Location : Large Crack At Midpoint Of Bulkhead							
	No Component	85%							
Revetment									
	Stone	75%			LIFE	**	5	\$8,200	
	Stone	10%	Now	\$67,400	LIFE	**	5	\$600	
		Missing Part, Extent : Severe, Area Affected : 10% Location : East Of Bulkhead							
	No Component	15%							
Sheet Piles									
	Steel	15%	4+	\$81,900	LIFE	**			
		Corrosion, Extent : Moderate, Area Affected : 100% Location : Throughout Missing Coating, Extent : Light, Area Affected : 100% Location : Throughout							
	No Component	85%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Brick Pavers	15%			2044	**	5	\$1,600	
	Topsoil	85%			2026	\$42,000	5	\$3,700	
Deck Elements									
	Railing								
	Guard Rail	15%	4+	\$3,000	LIFE	**			
		Corrosion, Extent : Light, Area Affected : 50% Location : Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$41,500	\$1,000		
<b>Total</b>	<b>\$41,500</b>	<b>\$1,000</b>		
Importance Code A	\$29,800			
Importance Code B	\$11,700	\$1,000		
Importance Code C				
<b>Total</b>	<b>\$41,500</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**  
**GRAND FERRY PARK REVETMENT**  
**Asset # : 13952**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Gravity Wall								
	Concrete	10%	0-2	\$29,800	LIFE	* *	5	\$100	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : North End Of Park							
	Not Accessible	90%							
Revetment	Stone	100%			LIFE	* *	5	\$1,100	
Backfill	Fill								
	Stone	10%	0-2	\$5,000	LIFE	* *	5		
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Beneath Concrete Slab							
	Not Accessible	90%							
Surface	Asphalt	90%			2035	* *	5	\$1,900	
	Concrete	10%	0-2	\$6,700	2041	* *	5	\$100	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Undermining Of Entire Slab							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 04-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1701 **Lot** : 49 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$219,800
<b>Total</b>		<b>\$219,800</b>
Importance Code B		\$219,800
<b>Total</b>		<b>\$219,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$20,700			
<b>Total</b>	<b>\$20,700</b>			
Importance Code A	\$19,400			
Importance Code B	\$1,300			
<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**  
**GRAVITY RETAINING WALL / BULKHEAD**  
**Asset # : 13834**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Conc w/Stone Face	85%			LIFE	* *	5	\$17,600	
		Cracking, Extent : Moderate, Area Affected : 40%							
		Location : Throughout - At Top Of Wall							
		Missing Block Seal, Extent : Moderate, Area Affected : 50%							
		Location : Throughout - Within Tidal Zone							
		Other Observation, Extent : Moderate, Area Affected : 40%							
		Location : Throughout - At Top Of Wall							
		Explanation : Efflorescence							
	Conc w/Stone Face	15%	2-4	\$19,400	LIFE	* *	5	\$3,100	
		Spalling, Extent : Moderate, Area Affected : 50%							
		Location : Isolated In Top Of Concrete Face Undermining Railing							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt Pavers	100%			2034	* *	5	\$2,600	
Deck Elements									
	Railing								
	Steel	100%			2023	\$219,800			
		Missing Coating, Extent : Light, Area Affected : 5%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$474,000	\$1,538,500
<b>Total</b>	<b>\$474,000</b>	<b>\$1,538,500</b>
Importance Code A	\$321,800	\$129,200
Importance Code B	\$106,900	\$1,409,400
Importance Code C	\$45,300	
<b>Total</b>	<b>\$474,000</b>	<b>\$1,538,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$11,600		\$8,400	
<b>Total</b>	<b>\$11,600</b>		<b>\$8,400</b>	
Importance Code A	\$2,700			
Importance Code B	\$7,100		\$8,400	
Importance Code C	\$1,900			
<b>Total</b>	<b>\$11,600</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)	
Structural	Coping/Curb							
	Concrete	10%	4+	\$45,300	LIFE	**	5	\$200
		Broken, Extent : Moderate, Area Affected : 50%						
		Location : 1,355 Feet And 2,025 Feet From The North And From 2,205 To 2,105 Feet From North						
		Displaced Elements, Extent : Light, Area Affected : 15%						
		Location : Trees Growing Beneath Coping Throughout						
		Other Observation, Extent : Moderate, Area Affected : 50%						
		Location : Northern 830 Feet And 1,755 Feet To 2,205 Feet From The North						
		Explanation : Loss Of Mortar Bedding And Joint Seal						
	Concrete	90%			LIFE	**	5-10	\$3,700
		Spalling, Extent : Light, Area Affected : 5%						
		Location : 1,975 Feet From The North						
		Other Observation, Extent : Light, Area Affected : 10%						
		Location : Throughout						
		Explanation : Partial Loss Of Mortar Bedding						
Gravity Wall	Conc w/Stone Face	55%			LIFE	**	5	\$218,600
		Cracking, Extent : Light, Area Affected : 5%						
		Location : Throughout In Concrete Section						
		Erosion, Extent : Light, Area Affected : 70%						
		Location : Scaling / Erosion In Upper 10 Feet Of Concrete Wall						
	Conc w/Stone Face	10%	4+	\$123,700	LIFE	**	5	\$19,900
		Broken, Extent : Severe, Area Affected : 25%						
		Location : Stone Panels Located 895 Feet, 1,365 Feet, 1,375 Feet To 1,385 Feet, And 1,940 Feet						
		Cracking, Extent : Moderate, Area Affected : 5%						
		Location : Located 955 Feet, 1,405 Feet, And 1,525 Feet From The North						
		Displaced Elements, Extent : Moderate, Area Affected : 10%						
		Location : At Joints Located At 842 Feet And 2,105 Feet From The North						
		Erosion, Extent : Moderate, Area Affected : 5%						
		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						
		Missing Part, Extent : Severe, Area Affected : 20%						
		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						
		Not Plumb, Extent : Moderate, Area Affected : 100%						
		Location : Wall Leaning East +/- 1 Inch Located Between 1,025 Feet And 1,366 Feet						
		Spalling, Extent : Moderate, Area Affected : 5%						
		Location : At 1,650 Feet, 2,200 Feet, And 2,145 Feet From The North						
	Concrete	30%			LIFE	**	5-10	\$5,300
		Cracking, Extent : Light, Area Affected : 10%						
		Location : Throughout In Top 4 Feet Of Concrete And In Concrete Facing Station 13+50 To 22+10						
		Erosion, Extent : Light, Area Affected : 5%						
		Location : Erosion/ Scaling Throughout In Top 4 Feet Of Concrete						
	Concrete	5%	4+	\$88,800	LIFE	**	5	\$400
		Spalling, Extent : Moderate, Area Affected : 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**  
**GRAVITY RETAINING WALL BULKHEAD**  
**Asset # : 13811**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall Concrete	5%	4+	\$88,800	LIFE	* *	5	\$400	
Location : At Joints Station Located Between 435 Feet And 565 Feet And At 6,15 Feet, And 730 Feet From The North									
Backfill									
	Fill								
	Topsoil	2%	Now	\$4,700	2056	* *			
Sinkhole, Extent : Moderate, Area Affected : 2%									
Location : Located At 1,089 Feet, 1,110 Feet, 1,414 Feet, 1,670 Feet From The North, And Various Small Sinkholes Throughout									
	Not Accessible	98%							
Surface									
	Asphalt	45%			2031	* *	5	\$11,300	
Cracking, Extent : Light, Area Affected : 5%									
Location : Throughout									
	Topsoil	2%	Now	\$2,400	2028	\$2,400	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 50%									
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									
Explanation : Sinkholes									
	Topsoil	53%			2026	\$62,900	5	\$5,500	
Deck Elements									
	Parapet								
	Concrete	2%	Now	\$9,700	2032	* *			
Broken, Extent : Severe, Area Affected : 50%									
Location : Broken Rail Top At 81 Feet, 835 Feet, 945 Feet, 1,069 Feet, 1,227 Feet, And 1,466 Feet From The North									
Missing Part, Extent : Severe, Area Affected : 50%									
Location : Missing Parapet Rail Top At 0+34 And 0+52									
	Concrete	83%			2026	\$1,344,100			
Other Observation, Extent : Light, Area Affected : 5%									
Location : Atop Coping And Throughout									
Explanation : Deteriorated Mortar Bedding									
	Concrete	15%	4+	\$97,200	2032	* *			
Not Plumb, Extent : Moderate, Area Affected : 100%									
Location : Located Between 1,800 Feet And 2,125 Feet From The North									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$369,100	\$81,200
<b>Total</b>	<b>\$369,100</b>	<b>\$81,200</b>
Importance Code A	\$273,900	
Importance Code B	\$39,000	\$81,200
Importance Code C	\$56,200	
<b>Total</b>	<b>\$369,100</b>	<b>\$81,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$23,700			\$1,200
<b>Total</b>	<b>\$23,700</b>			<b>\$1,200</b>
Importance Code A				
Importance Code B	\$23,700			\$1,200
Importance Code C				
<b>Total</b>	<b>\$23,700</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**  
**GRAVITY WALL & REVETMENT AT DYCKMAN MARINA RESTAURANT**  
**Asset # : 13697**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Concrete	25%	2-4	\$273,900	LIFE	* *	5	\$300	
		Displaced Elements, Extent : Severe, Area Affected : 25%							
		Location : Evidence Of Settlement In Outfall Structure							
		Erosion, Extent : Severe, Area Affected : 25%							
		Location : At Vertical Joints And In Tidal Zone At Stone Foundation							
		Missing Part, Extent : Severe, Area Affected : 15%							
		Location : Void In Soffit Of Outfall							
		Spalling, Extent : Severe, Area Affected : 25%							
		Location : Tidal Zone							
	No Component	75%							
Revetment									
	Stone	75%	4+	\$56,200	LIFE	* *	5	\$1,500	
		Missing Part, Extent : Light, Area Affected : 25%							
		Location : Throughout. Top Of Revetment Is Lower Than Deck Surface							
		Other Observation, Extent : Severe, Area Affected : 25%							
		Location : North End And Isolated Throughout							
		Explanation : Steep Slope							
	No Component	25%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt Pavers	20%			2037	* *	5	\$800	
	Brick Pavers	20%			2044	* *	5	\$800	
	Brick Pavers	5%	4+	\$3,800	2050	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Offshore Edge Along Southern 70 Feet							
		Explanation : Settlement							
	Concrete	40%			2037	* *	5	\$1,600	
	Not Accessible	15%							
Deck Elements									
	Railing								
	Steel	25%			2026	\$81,200			
	Timber	75%	4+	\$19,500	2022	\$39,000			
		Rotting/Splitting, Extent : Moderate, Area Affected : 20%							
		Location : Isolated Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$2,667,300	\$471,000
<b>Total</b>	<b>\$2,667,300</b>	<b>\$471,000</b>
Importance Code A	\$1,739,100	\$187,100
Importance Code B	\$928,200	\$283,900
<b>Total</b>	<b>\$2,667,300</b>	<b>\$471,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$27,300		\$100	
<b>Total</b>	<b>\$27,300</b>		<b>\$100</b>	
Importance Code A				
Importance Code B	\$27,300		\$100	
<b>Total</b>	<b>\$27,300</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**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**  
**Asset # : 772**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Gravity Wall	Stone	4%			LIFE	**	5	\$8,600	
	No Component	96%							
Pile Supported Wall	Conc w/Stone Face	12%	4+	\$1,739,100	LIFE	**	5	\$24,400	
		Cracking, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Spalling, Extent : Severe, Area Affected : 100%							
		Location : Throughout Stone Face And Concrete Top							
	Conc w/Stone Face	80%			LIFE	**	5	\$162,700	
		Cracking, Extent : Light, Area Affected : 25%							
		Location : Throughout							
	No Component	8%							
Piles and Bracing									
	Not Accessible	100%							
Sheet Piles									
	Steel	4%			LIFE	**			
	No Component	96%							
Backfill									
Fill									
	Not Accessible	100%							
Surface									
	Topsoil	20%	0-2	\$27,300	2024	\$27,300	5	\$1,200	
		Settlement, Extent : Moderate, Area Affected : 5%							
		Location : Sinkholes 560 Feet And 775 Feet From RFK Bridge							
	Under Construction	80%							
Fender									
Piles									
	Timber	100%	Now	\$477,400	2041	**	4	\$60,800	1
		Missing Part, Extent : Severe, Area Affected : 80%							
		Location : Throughout							
		Rotting/Splitting, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
	Wales and Chocks								
	Timber	100%	Now	\$450,800	2041	**	4	\$137,700	
		Missing Part, Extent : Severe, Area Affected : 80%							
		Location : Throughout							
		Rotting/Splitting, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
Deck Elements									
Railing									
	Fencing	30%			2027	\$41,300	3	\$300	
	Steel	10%			2025	\$242,600			
	No Component	60%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 29-Jan-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1782 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$1,993,300	\$3,301,600
<b>Total</b>	<b>\$1,993,300</b>	<b>\$3,301,600</b>
Importance Code A	\$1,134,300	
Importance Code B	\$859,000	\$3,301,600
<b>Total</b>	<b>\$1,993,300</b>	<b>\$3,301,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$107,700	\$22,700		\$800
<b>Total</b>	<b>\$107,700</b>	<b>\$22,700</b>		<b>\$800</b>
Importance Code A	\$42,700			\$100
Importance Code B	\$65,000	\$22,700		\$600
Importance Code C				
<b>Total</b>	<b>\$107,700</b>	<b>\$22,700</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**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**  
**Asset # : 773**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
Relieving Platform Top	Concrete/Stone	1%	Now	\$97,900	LIFE	**			
		Broken, Extent : Severe, Area Affected : 50%							
		Location : 4000 Feet From North, Between Park Avenue And 3rd Avenue Bridges							
	Concrete/Stone	55%	4+	\$269,100	LIFE	**			
		Missing Block Seal, Extent : Severe, Area Affected : 25%							
Concrete/Stone		Location : Throughout All Block Joints							
	Concrete/Stone	5%	2-4	\$489,300	LIFE	**			
		Excess Deflection, Extent : Severe, Area Affected : 100%							
		Location : From 2541 Feet To 2822 Feet From North, Between Madison Ave And Park Ave Bridges							
	No Component	38%							
	Not Accessible	1%							
Gravity Wall									
	Concrete	2%			LIFE	**	5	\$400	
	Stone Gabion	10%			LIFE	**	3	\$400	
	No Component	80%							
	Not Accessible	8%							
Piles and Bracing									
	Timber	5%	4+	\$278,000	2040	**	4	\$35,300	
		Rotting/Splitting, Extent : Light, Area Affected : 10%							
		Location : Throughout On Outboard Face							
	No Component	50%							
	Not Accessible	45%							
Revetment									
	Stone	18%			LIFE	**	5	\$5,100	
	No Component	82%							
Sheet Piles									
	Steel	1%	2-4	\$14,000	LIFE	**			
		Corrosion, Extent : Severe, Area Affected : 50%							
		Location : 3420 Feet To 3750 Feet From North At Mlw Elevation							
	No Component	94%							
	Not Accessible	5%							
Pile Caps									
	Timber	5%	4+	\$28,600	LIFE	**	4	\$1,900	
		Marine Borer Infestation, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Offshore Face Of Relieving Platforms							
	No Component	50%							
	Not Accessible	45%							
Backfill									
Fill									
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Backfill									
	Surface								
	Asphalt	33%			2034	**	5	\$17,800	
	Asphalt Pavers	27%			2038	**	5	\$14,600	
	Concrete	2%			2038	**	5	\$1,100	
	Topsoil	37%			2024	\$94,000	5	\$8,200	
	Topsoil	1%	Now	\$2,500	2025	\$2,500	5	\$100	
	Settlement, Extent : Severe, Area Affected : 100%								
	Location : Sinkholes And Settlement At 3692 Feet And 4000 Feet From North								
Fender									
	Facing								
	Composite	6%			2024	\$33,200			
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : 1495 To 1560 Feet And 1970 To 2175 Feet From North								
	Timber	13%			2038	**	3	\$24,100	
	Timber	1%	Now	\$33,200	2038	**	3	\$1,900	
	Broken, Extent : Moderate, Area Affected : 25%								
	Location : Top Portion At 270 Feet And 690 Feet From North								
	No Component	80%							
Piles									
	Composite	10%			2051	**			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout At Gabion Wall								
	Explanation : Loose Piles Due To Missing Wales And Chocks								
	Timber	40%	Now	\$414,800	2040	**	4	\$45,200	
	Rotting/Splitting, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	No Component	50%							
Wales and Chocks									
	Composite	10%	Now	\$108,600	2045	**			
	Broken, Extent : Severe, Area Affected : 100%								
	Location : Failed Connections Throughout At Gabion Wall								
	Composite	6%			2042	**			
	Timber	40%	Now	\$335,600	2038	**	4	\$102,500	
	Broken, Extent : Severe, Area Affected : 33%								
	Location : Throughout								
	Missing Part, Extent : Severe, Area Affected : 33%								
	Location : Throughout								
	Rotting/Splitting, Extent : Severe, Area Affected : 33%								
	Location : Throughout								
	No Component	44%							
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**  
**HARLEM RIVER DRIVE PROMENADE SEAWALL**

**Asset # : 773**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Fencing	25%			2029	* *	3	\$500	
	Plastic	2%	Now	\$7,200	2020	\$14,500			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : In Tidal Zone Above Gabion Wall From 1125 Feet To 1300 Feet From North								
	Explanation : Loose And Missing Rails								
	Steel	70%			2023	\$3,159,900			
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Throughout								
	Steel	1%	Now	\$9,000	2025	\$45,100			
	Broken, Extent : Moderate, Area Affected : 50%								
	Location : 3 Sections At 670, 2200 And 3268 Feet From North								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : HERMAN A. MACNEIL PARK GRAVITY WALL/REVTMENT  
**Address** : EAST RIVER POPPENHUSEN AVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : PARQ009.000 / 757 **Yr Built/Renovated** :  
**Linear Ft** : 2,755 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3194 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$841,800	\$2,822,900
<b>Total</b>	<b>\$841,800</b>	<b>\$2,822,900</b>
Importance Code A	\$488,200	\$93,400
Importance Code B	\$50,000	\$2,729,500
Importance Code C	\$303,600	
<b>Total</b>	<b>\$841,800</b>	<b>\$2,822,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$77,500			
<b>Total</b>	<b>\$77,500</b>			
Importance Code A				
Importance Code B	\$69,000			
Importance Code C	\$8,500			
<b>Total</b>	<b>\$77,500</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**  
**HERMAN A. MACNEIL PARK GRAVITY WALL/REVTMENT**  
**Asset # : 757**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Concrete	45%	4+	\$8,500	LIFE	**	5	\$1,200	
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Isolated Throughout							
	No Component	55%							
Gravity Wall									
	Concrete	15%			LIFE	**	5	\$1,700	
	Concrete	10%	2-4	\$44,400	LIFE	**	5	\$1,100	
		Other Observation, Extent : Light, Area Affected : 75%							
		Location : Isolated Throughout							
		Explanation : Undermining/ Loss Of Support							
	Concrete	10%	Now	\$443,800	LIFE	**	5	\$1,100	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : 710-800, 1085-1145, 1265-1310, And 1790-1840 Feet From North							
		Explanation : Broken, Tilting, Cracking							
	Stone	40%			LIFE	**	5	\$93,400	
	Not Accessible	25%							
Revetment									
	Stone	15%	2-4	\$303,600	LIFE	**	5	\$2,500	
		Settlement, Extent : Moderate, Area Affected : 25%							
		Location : 1790-1840 Feet From North							
		Other Observation, Extent : Light, Area Affected : 75%							
		Location : Isolated Throughout							
		Explanation : Inadequate Armor Stone							
	Stone	85%			LIFE	**	5	\$14,000	
Backfill									
	Fill								
	Topsoil	5%	Now	\$29,600	2065	**			
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : At Areas Of Undermining And Displacement Of Wall							
		Explanation : Fill Loss/ Erosion							
	Not Accessible	95%							
Surface									
	Asphalt	30%			2034	**	5	\$9,400	
		Cracking, Extent : Light, Area Affected : 15%							
		Location : Throughout							
	Asphalt	5%	4+	\$12,400	2040	**	5	\$800	
		Settlement, Extent : Light, Area Affected : 60%							
		Location : Isolated Within 1000-2755 Feet From North							
	Topsoil	50%			2023	\$74,100	5	\$6,400	
	Topsoil	15%	4+	\$22,200	2025	\$22,200	5	\$1,000	
		Settlement, Extent : Moderate, Area Affected : 50%							
		Location : 2195-2420, 2475-2640 Feet From North							
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**  
**HERMAN A. MACNEIL PARK GRAVITY WALL/REVTMENT**  
**Asset # : 757**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	95%	2-4	\$50,000	2024	\$2,501,500			
		Missing Part, Extent : Moderate, Area Affected : 5%							
		Location : 1420-1540 Feet From north							
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : 490, 660, 1205, And 1625 Feet From North							
		Explanation : Broken Fence Posts And/ Or Fencing							
	Steel	5%			2023	\$131,700			
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : 230-2755 Feet From North							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$724,000	\$1,951,100
<b>Total</b>	<b>\$724,000</b>	<b>\$1,951,100</b>
Importance Code A	\$159,900	
Importance Code B	\$257,900	\$1,903,600
Importance Code C	\$306,200	\$47,500
<b>Total</b>	<b>\$724,000</b>	<b>\$1,951,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$19,300	\$5,700		
<b>Total</b>	<b>\$19,300</b>	<b>\$5,700</b>		
Importance Code A				
Importance Code B	\$19,300	\$5,700		
<b>Total</b>	<b>\$19,300</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**

Bulkheads		Current Repair			Future Replacement		Maintenance								
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority						
Structural	Gravity Wall														
	Concrete	2%	4+	\$159,900	LIFE	* *	5	\$800							
		Cracking, Extent : Light, Area Affected : 10%													
		Location : In Concrete Curb At Top Of Wall													
		Erosion, Extent : Moderate, Area Affected : 50%													
		Location : In Tidal Zone Station 14+40 To 18+00 In Front Of Nature Center (From North)													
		At The Inwood Hill Boat Dock													
		Other Observation, Extent : Severe, Area Affected : 5%													
		Location : At North Corner And At Vertical Joints Throughout And Face East Of Nature Center													
		Explanation : Surface Erosion													
	No Component	98%													
Revetment	Stone	5%	4+	\$218,700	LIFE	* *	5	\$3,000							
		Settlement, Extent : Severe, Area Affected : 60%													
		Location : At Station 4+80 To 5+40, Asset Start At W218th Street, And Isolated Throughout East Of Bridge													
	Stone	2%	0-2	\$87,500	LIFE	* *	5	\$1,200							
		Settlement, Extent : Severe, Area Affected : 100%													
		Location : Station 6+50 To 8+50 West Of Asset Start At W218th Street And Indian Rd													
	Stone	73%			LIFE	* *	5	\$43,400							
	No Component	20%	Other Observation, Extent : Light, Area Affected : 0%												
		Location : West Of Henry Hudson Bridge													
										Explanation : Natural Shoreline					
Backfill	Fill														
	Topsoil	5%	4+	\$106,700	2066	* *									
		Other Observation, Extent : Moderate, Area Affected : 80%													
		Location : At Station 4+80 To 5+40, Asset Start At W218th Street, And Isolated Throughout East Of Bridge													
		Explanation : Fill Loss And Erosion													
	Topsoil	2%	0-2	\$42,700	2066	* *									
		Erosion, Extent : Severe, Area Affected : 100%													
		Location : Station 6+50t To 8+50 West Of Asset Start At W218th Street And Indian Rd													
		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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Backfill									
	Surface								
	Asphalt	10%			2035	* *	5	\$11,300	
		Worn, Extent : Light, Area Affected : 100%							
		Location : Along Cove And West Of The Nature Center							
	Topsoil	83%			2024	\$443,300	5	\$38,500	
	Topsoil	5%	4+	\$26,700	2026	\$26,700	5	\$1,200	
		Erosion, Extent : Severe, Area Affected : 40%							
		Location : Above Revetment At Areas Of Settlement Or Insufficient Armoring							
	Topsoil	2%	0-2	\$10,700	2026	\$10,700	5	\$500	
		Settlement, Extent : Severe, Area Affected : 100%							
		Location : At Northwest Corner Of Bakers Field Cove At Station 6+50 To 8+50, With Asset Start At W218th Street							
Deck Elements									
	Railing								
	Steel	15%	4+	\$71,100	2024	\$1,422,900			
		Corrosion, Extent : Light, Area Affected : 30%							
		Location : Along Cove In Front Of And West Of Nature Center							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 08-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads		\$225,000
<b>Total</b>		<b>\$225,000</b>
Importance Code B		\$225,000
<b>Total</b>		<b>\$225,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads				
<b>Total</b>				
Importance Code B				
Importance Code C				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ISLAND AND BASIN SHORE RIP-RAP SHORELINE**

**Asset # : 13864**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$13,300	
		Recent Repair Evident, Extent : Light, Area Affected : 2%							
		Location : Beneath Pedestrian Bridge							
		Other Observation, Extent : Light, Area Affected : 75%							
		Location : Majority Of Basin							
		Explanation : Combination Of Riprap And Natural Shoreline							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Topsoil	100%			2023	\$119,200	5	\$10,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Natural Shoreline							
Deck Elements									
	Railing								
	Steel	5%			2023	\$105,900			
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$15,800			\$1,000
<b>Total</b>	<b>\$15,800</b>			<b>\$1,000</b>
Importance Code A	\$600			
Importance Code B	\$15,000			\$1,000
Importance Code C	\$200			
<b>Total</b>	<b>\$15,800</b>			<b>\$1,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**KAYAK AND BOAT LAUNCH RAMP WITHIN ASSET 13501**  
**Asset # : 14732**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Concrete	100%			LIFE	* *	5-10	\$300	
	Piles and Bracing								
	Concrete	15%			LIFE	* *	5	\$300	
	No Component	40%							
	Not Accessible	45%							
	Pile Caps								
	Steel	60%			2029	* *	5	\$800	
		Corrosion, Extent : Light, Area Affected : 100%							
		Location : On Steel Girders That Support The Precast Deck Panels							
	No Component	40%							
Backfill									
	Fill								
	Topsoil	40%	Now	\$15,000	2068	* *			
		Erosion, Extent : Severe, Area Affected : 12%							
		Location : Undermining On South Side Of Slab On Grade; Up To 3 Feet Deep							
	No Component	60%							
	Surface								
	Concrete	100%			2037	* *	5	\$2,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Precast Deck Planks With Isolated Connection-covering Grout Pockets Missing							
		Explanation : Displaced Elements							
Fender									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$2,516,100	\$6,311,600
<b>Total</b>	<b>\$2,516,100</b>	<b>\$6,311,600</b>
Importance Code A	\$1,960,700	\$787,500
Importance Code B	\$328,900	\$5,462,600
Importance Code C	\$226,600	\$61,500
<b>Total</b>	<b>\$2,516,100</b>	<b>\$6,311,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Concrete	5%			LIFE	* *	5	\$500	
	Stone	95%			LIFE	* *	5	\$16,600	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Isolated Throughout							
		Explanation : Cracking And Grout Loss							
	Gravity Wall								
	Conc w/Stone Face	85%	4+	\$1,960,700	LIFE	* *	5	\$787,500	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Displaced Elements, Extent : Moderate, Area Affected : 1%							
		Location : Isolated Missing Stone Facing Throghout							
		Missing Block Seal, Extent : Severe, Area Affected : 95%							
		Location : Throughout							
	Concrete	15%			LIFE	* *	5	\$6,200	
		Erosion, Extent : Light, Area Affected : 30%							
		Location : Throughout The Tidal Zone							
	Revetment								
	Stone	95%			LIFE	* *	5	\$58,500	
	Stone	5%	4+	\$226,600	LIFE	* *	5	\$3,100	
		Missing Part, Extent : Moderate, Area Affected : 75%							
		Location : Isolated Areas Where Toe Of Wall Is Exposed							
Backfill									
	Surface								
	Asphalt	100%			2036	* *	5	\$117,300	
		Cracking, Extent : Moderate, Area Affected : 2%							
		Location : Throughout Southern Half							
		Settlement, Extent : Moderate, Area Affected : 5%							
		Location : Isolated Throughout							
Deck Elements									
	Railing								
	Steel	55%	4+	\$270,200	2025	\$5,403,900			
		Corrosion, Extent : Light, Area Affected : 15%							
		Location : At Base Of Posts							
		Missing Part, Extent : Moderate, Area Affected : 15%							
		Location : Post Grout Pockets Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$61,700	
<b>Total</b>	<b>\$61,700</b>	
Importance Code C	\$61,700	
<b>Total</b>	<b>\$61,700</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Concrete	5%			LIFE	* *	5	\$300	
	No Component	95%							
	Revetment								
	Stone	90%			LIFE	* *	5	\$7,500	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Along Top Of Revetment							
		Explanation : Heavy Vegetation							
	Stone	10%	4+	\$61,700	LIFE	* *	5	\$800	
		Missing Part, Extent : Moderate, Area Affected : 50%							
		Location : Missing Stone At Isolated Locations							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	100%			2036	* *	5	\$16,000	
		Cracking, Extent : Moderate, Area Affected : 20%							
		Location : Throughout And Particularly At West End							
		Settlement, Extent : Light, Area Affected : 20%							
		Location : Throughout							
Deck Elements									
	Railing								
	Fencing	10%			2028	\$7,600	3	\$100	
	Guard Rail	89%			LIFE	* *			
	Guard Rail	1%	Now	\$1,000	LIFE	* *			
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : At East End							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$293,100	\$192,100
<b>Total</b>	<b>\$293,100</b>	<b>\$192,100</b>
Importance Code B		\$192,100
Importance Code C	\$293,100	
<b>Total</b>	<b>\$293,100</b>	<b>\$192,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$33,000		\$7,500	\$1,600
<b>Total</b>	<b>\$33,000</b>		<b>\$7,500</b>	<b>\$1,600</b>
Importance Code B	\$31,700		\$7,500	\$1,600
Importance Code C	\$1,300			
<b>Total</b>	<b>\$33,000</b>		<b>\$7,500</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**  
**LITTLE BAY PK/CLEARVIEW BEACH REVETMENT**  
**Asset # : 704**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	65%	4+	\$200,600	LIFE	* *	5	\$16,300	
		Missing Part, Extent : Light, Area Affected : 25%							
		Location : Throughout. Top Of Revetment Is Lower Than Surface Grade							
	Stone	5%	0-2	\$92,600	LIFE	* *	5	\$1,300	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Various Isolated Locations Throughout The Asset Length							
	Stone	5%			LIFE	* *	5	\$2,500	
	No Component	25%							
Backfill									
	Fill								
	Topsoil	10%	Now	\$18,100	2068	* *			
		Erosion, Extent : Severe, Area Affected : 10%							
		Location : Areas Of Displaced Revetment							
	Not Accessible	90%							
Surface									
	Asphalt	5%			2037	* *	5	\$2,400	
	Sand	10%			2037	* *	2-5	\$1,300	
	Topsoil	75%			2026	\$169,500	5	\$14,700	
	Topsoil	10%	Now	\$13,600	2028	\$22,600	5	\$1,000	
		Erosion, Extent : Severe, Area Affected : 20%							
		Location : Just Above Revetment Throughout							
Protective Structure									
	Breakwater								
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 315 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 05-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1700 **Lot** : 58 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$154,200	\$301,100
<b>Total</b>	<b>\$154,200</b>	<b>\$301,100</b>
Importance Code A	\$154,200	
Importance Code B		\$301,100
<b>Total</b>	<b>\$154,200</b>	<b>\$301,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$9,300			
<b>Total</b>	<b>\$9,300</b>			
Importance Code A				
Importance Code B	\$9,300			
<b>Total</b>	<b>\$9,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD**  
**Asset # : 13835**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Relieving Platform Top Concrete/Stone	70%			LIFE		**		
	Cracking, Extent : Moderate, Area Affected : 50%							
	Location : Offshore Concrete Face With Efflorescence							
Concrete/Stone	30%	0-2	\$58,700	LIFE		**		
	Spalling, Extent : Severe, Area Affected : 50%							
	Location : Throughout Top Of Wall In Multiple Locations; Undermining Railing							
Piles and Bracing Not Accessible	100%							
Pile Caps								
Timber	5%	2-4	\$47,700	LIFE		**	4	\$100
	Rotting/Splitting, Extent : Moderate, Area Affected : 10%							
	Location : Offshore Ends Throughout							
Timber	5%	Now	\$47,700	LIFE		**	4	\$100
	Rotting/Splitting, Extent : Severe, Area Affected : 10%							
	Location : Offshore Ends Throughout							
Not Accessible	90%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt Pavers	90%			2038		**	5	\$3,200
Asphalt Pavers	10%	4+	\$3,200	2038		**	5	\$200
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : North End Of Asset Near Pier 107							
	Explanation : Upheave							
Deck Elements								
Railing								
Steel	90%			2023	\$271,000			
	Missing Coating, Extent : Light, Area Affected : 5%							
	Location : Throughout And At Baseplates							
Steel	10%	Now	\$6,000	2025	\$30,100			
	Corrosion, Extent : Severe, Area Affected : 100%							
	Location : 30 Feet Section Immediately South Of Pier 107							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$332,600
<b>Total</b>		<b>\$332,600</b>
Importance Code B		\$332,600
<b>Total</b>		<b>\$332,600</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$40,000		\$3,600	
<b>Total</b>	<b>\$40,000</b>		<b>\$3,600</b>	
Importance Code A	\$1,800			
Importance Code B	\$33,600		\$3,600	
Importance Code C	\$4,700			
<b>Total</b>	<b>\$40,000</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**  
**MANHATTAN BEACH PARK GRAVITY WALL AND BEACH**  
**Asset # : 13505**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Gravity Wall								
	Concrete	25%			LIFE	* *	5-10	\$3,500	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : At East End							
	No Component	75%							
Revetment	Stone	45%			LIFE	* *	5	\$9,400	
	No Component	55%							
Backfill	Fill								
	Not Accessible	100%							
Surface	Asphalt	2%			2041	* *	5	\$400	
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : At East End							
	Concrete	18%			2041	* *	5	\$3,600	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : At East End							
	Sand	80%			2041	* *	2-5	\$4,300	
Deck Elements	Railing								
	Steel	2%	Now	\$33,300	2028	\$33,300			
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : At Eastern 15 Feet							
	Steel	18%			2027	\$299,300			
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
		Location : At East End							
	No Component	80%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$75,900
<b>Total</b>		<b>\$75,900</b>
Importance Code B		\$75,900
<b>Total</b>		<b>\$75,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$18,300	\$300	\$18,300	
<b>Total</b>	<b>\$18,300</b>	<b>\$300</b>	<b>\$18,300</b>	
Importance Code B	\$18,300	\$300	\$18,300	
Importance Code C				
<b>Total</b>	<b>\$18,300</b>	<b>\$300</b>	<b>\$18,300</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**  
**MARINE PARK SALT MARSH NATURE CENTER REVETMENT**  
**Asset # : 13968**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$2,400	
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Gravel	40%			2035	* *	2-5	\$500	
	Stone	30%			2039	* *	10		
	Topsoil	20%			2025	\$4,300	5	\$400	
	Not Accessible	10%							
Deck Elements									
	Railing								
	Steel	20%			2024	\$75,900			
		Corrosion, Extent : Light, Area Affected : 100%							
		Location : Along Road							
	Timber	30%	0-2	\$18,200	2021	\$18,200			
		Rotting/Splitting, Extent : Severe, Area Affected : 100%							
		Location : East Of The Nature Center							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : East Of The Nature Center							
		Explanation : Temporary Fence Covering Timber Rail							
	No Component	50%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : NORTH SHORE RIP-RAP SHORELINE  
**Address** : RANDALLS ISLAND  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PARM104.010 / 13855 **Yr Built/Renovated** :  
**Linear Ft** : 4,800 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 06-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$445,500	\$116,200
<b>Total</b>	<b>\$445,500</b>	<b>\$116,200</b>
Importance Code B	\$92,900	\$116,200
Importance Code C	\$352,600	
<b>Total</b>	<b>\$445,500</b>	<b>\$116,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads				
<b>Total</b>				
Importance Code B				
Importance Code C				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**NORTH SHORE RIP-RAP SHORELINE**  
**Asset # : 13855**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	78%			LIFE	* *	5	\$22,400	
	Stone	10%			LIFE	* *	5	\$2,900	
		Settlement, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Throughout							
		Explanation : Insufficient Stone Armor							
	Stone	10%	4+	\$352,600	LIFE	* *	5	\$2,900	
		Settlement, Extent : Moderate, Area Affected : 40%							
		Location : Station 0+00 To 0+50 And Isolated Throughout East Of Sta 5+00. With Station 0+00 At The NYPD Marina							
		Other Observation, Extent : Moderate, Area Affected : 70%							
		Location : Station 0+00 To 0+50 And Isolated Throughout East Of Sta 5+00							
		Explanation : Insufficient Stone Armor							
	No Component	2%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Intermittent From Station 38+00 To 43+80							
Backfill									
	Fill								
	Topsoil	45%	Now	\$46,400	2053	* *			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Station 0+00 To 0+50 And Isolated Throughout							
		Explanation : Erosion And Fill Loss							
	Under Construction	55%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Under Construction Between 0+00 And 27+00							
Surface									
	Topsoil	45%	Now	\$46,500	2023	\$116,200	5	\$5,100	
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : Station 0+00 To 0+50 And Isolated Throughout							
	Under Construction	55%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Under Construction Between 0+00 And 27+00							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$5,596,700	\$4,817,100
<b>Total</b>	<b>\$5,596,700</b>	<b>\$4,817,100</b>
Importance Code A	\$2,593,700	
Importance Code B	\$1,564,400	\$4,817,100
Importance Code C	\$1,438,600	
<b>Total</b>	<b>\$5,596,700</b>	<b>\$4,817,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$10,100			\$28,800
<b>Total</b>	<b>\$10,100</b>			<b>\$28,800</b>
Importance Code A	\$9,100			
Importance Code B				\$28,800
Importance Code C	\$1,000			
<b>Total</b>	<b>\$10,100</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Concrete	70%	4+	\$1,342,700	LIFE	**	5	\$3,700	
		Erosion, Extent : Severe, Area Affected : 75%							
		Location : Deterioration Due To Age And Chemical Breakdown Throughout							
	Concrete	20%			LIFE	**	5-10	\$2,100	
		Worn, Extent : Light, Area Affected : 50%							
		Location : Throughout							
	Concrete	5%	Now	\$95,900	LIFE	**	5	\$300	
		Exposed Reinforcement, Extent : Severe, Area Affected : 100%							
		Location : Isolated Spalls Throughout. Moderate To Severe Corrosion							
		Spalling, Extent : Severe, Area Affected : 100%							
		Location : Isolated Spalls Throughout							
	No Component	5%							
Gravity Wall									
	Concrete	5%	Now	\$112,800	LIFE	**	5	\$1,100	
		Exposed Reinforcement, Extent : Severe, Area Affected : 30%							
		Location : Isolated Areas Of Offshore Face							
		Spalling, Extent : Severe, Area Affected : 100%							
		Location : Isolated Areas Of Offshore Face							
	Concrete	55%	4+	\$2,481,000	LIFE	**	5	\$12,400	
		Erosion, Extent : Light, Area Affected : 100%							
		Location : Typical Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Deterioration Due To Age							
	Concrete	40%			LIFE	**	5-10	\$18,100	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt Blocks	10%	4+	\$119,300	2041	**	5	\$3,200	
		Missing Part, Extent : Severe, Area Affected : 5%							
		Location : Isolated Locations Of Missing Pavers							
		Settlement, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Asphalt Pavers	90%			2037	**	5	\$57,500	
Deck Elements									
	Railing								
	Steel	90%	4+	\$1,445,100	2026	\$4,817,100			
		Corrosion, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout With Coating Loss							
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Isolated Throughout							
		Explanation : Checking On Timber Handrail							
	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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Protective Structure									
Breakwater									
	Stone	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : 610 And 420 Feet Long									
Explanation : At Either End Of Beach									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$192,700	\$351,400
<b>Total</b>	<b>\$192,700</b>	<b>\$351,400</b>
Importance Code B	\$63,200	\$316,200
Importance Code C	\$129,500	\$35,200
<b>Total</b>	<b>\$192,700</b>	<b>\$351,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$28,900			
<b>Total</b>	<b>\$28,900</b>			
Importance Code B	\$28,900			
<b>Total</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**  
**PARK SHORELINE RIP-RAP**  
**Asset # : 712**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	95%			LIFE	* *	5	\$33,400	
	Stone	5%	4+	\$129,500	LIFE	* *	5	\$1,800	
	Settlement, Extent : Moderate, Area Affected : 50%								
	Location : Isolated Locations Throughout								
Backfill									
	Fill								
	Topsoil	5%	Now	\$63,200	2066	* *			
	Erosion, Extent : Moderate, Area Affected : 100%								
	Location : Along Top Of Revetment For Full Length Of Asset								
	Not Accessible	95%							
Surface									
	Topsoil	95%			2024	\$300,400	5	\$26,100	
	Topsoil	5%	Now	\$15,800	2026	\$15,800	5	\$700	
	Erosion, Extent : Moderate, Area Affected : 100%								
	Location : At Top Of Revetment For Full Length Of Asset								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Bulkheads	\$1,919,700	
<b>Total</b>	<b>\$1,919,700</b>	
Importance Code A	\$1,722,800	
Importance Code B	\$196,900	
<b>Total</b>	<b>\$1,919,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$6,500			
<b>Total</b>	<b>\$6,500</b>			
Importance Code A				
Importance Code B	\$6,500			
Importance Code C				
<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**  
**PARK SHORELINE SEAWALL**  
**Asset # : 713**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Gravity Wall								
	Concrete	40%	Now	\$1,401,600	LIFE	* *	5	\$1,200	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Four Locations Totaling 285 Feet							
	Concrete	55%	4+	\$321,200	LIFE	* *	5	\$1,600	
		Cracking, Extent : Moderate, Area Affected : 20%							
		Location : In Top Of Wall							
		Erosion, Extent : Moderate, Area Affected : 30%							
		Location : Three Locations In Tidal Zone At Bottom Of Wall Totaling 395 Feet							
		Not Accessible	5%						
Revetment	Stone	5%			LIFE	* *	5	\$200	
	No Component	95%							
Backfill	Fill								
	Topsoil	40%	Now	\$62,300	2066	* *			
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Throughout At Areas Of Severe Damage In Wall And At South End Of Asset							
	Not Accessible	60%							
Surface	Asphalt	10%	Now	\$6,500	2041	* *	5	\$400	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : One Location Totaling 90 Feet							
	Concrete	35%	Now	\$91,500	2041	* *	5	\$1,400	
		Cracking, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Settlement, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Concrete	55%	4+	\$43,100	2035	* *	5	\$2,300	
		Cracking, Extent : Moderate, Area Affected : 25%							
	Location : Throughout								
	Spalling, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Bulkheads		\$970,000
<b>Total</b>		<b>\$970,000</b>
Importance Code B		\$970,000
<b>Total</b>		<b>\$970,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$10,800	\$4,500		
<b>Total</b>	<b>\$10,800</b>	<b>\$4,500</b>		
Importance Code A				
Importance Code B	\$10,800	\$4,500		
Importance Code C				
<b>Total</b>	<b>\$10,800</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**  
**QUEENSBRIDGE PARK RIPRAP REVETMENT**

**Asset # : 2613**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Concrete	5%			LIFE	* *	5	\$200	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Throughout Length Of Asset							
	Not Accessible	95%							
Revetment									
	Stone	100%			LIFE	* *	5	\$7,100	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	50%			2035	* *	5	\$6,800	
	Asphalt	10%	2-4	\$10,800	2041	* *	5	\$700	
		Settlement, Extent : Light, Area Affected : 50%							
		Location : Locations Of Poor Drainage And Pooling Runoff Throughout							
	Topsoil	40%			2025	\$25,700	5	\$2,200	
Deck Elements									
	Railing								
	Steel	85%			2025	\$970,000			
		Missing Coating, Extent : Light, Area Affected : 1%							
		Location : Isolated Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Jan-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 322 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$828,200	\$809,500
<b>Total</b>	<b>\$828,200</b>	<b>\$809,500</b>
Importance Code A	\$102,300	
Importance Code B	\$103,600	\$809,500
Importance Code C	\$622,200	
<b>Total</b>	<b>\$828,200</b>	<b>\$809,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads				
<b>Total</b>				
Importance Code A				
Importance Code B				
Importance Code C				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail 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>
Structural	Gravity Wall Concrete	70%			LIFE	**	5	\$2,400	
		Cracking, Extent : Moderate, Area Affected : 10% Location : Throughout Erosion, Extent : Moderate, Area Affected : 10% Location : Throughout Above Mlw Elevation							
	Concrete	30%	2-4	\$102,300	LIFE	**	5	\$1,000	
		Cracking, Extent : Moderate, Area Affected : 20% Location : Isolated Throughout Erosion, Extent : Moderate, Area Affected : 100% Location : Isolated Throughout Above Mlw Elevation Exposed Reinforcement, Extent : Moderate, Area Affected : 50% Location : At Areas Of Moderate Spalling Spalling, Extent : Moderate, Area Affected : 100% Location : Isolated Throughout Above Mlw Elevation							
		30%	Now	\$186,700	LIFE	**	5	\$1,500	
		Other Observation, Extent : Severe, Area Affected : 100% Location : Throughout Explanation : Insufficient Stone							
Backfill	Fill Not Accessible	100%							
	Surface Asphalt Pavers	90%			2038	**	5	\$8,700	
		Other Observation, Extent : Light, Area Affected : 10% Location : All Drainage Holes Located Along The Top Of The Wall Explanation : Clogged Drainage Holes							
	Topsoil	10%			2023	\$4,600	5	\$400	
Deck Elements	Railing Steel	60%	Now	\$97,100	2024	\$485,700			
		Broken, Extent : Severe, Area Affected : 50% Location : At Post Connections At 5 Locations Throughout Corrosion, Extent : Severe, Area Affected : 100% Location : From 0 To 200 Feet, 250 To 262 Feet, 301 To 373 Feet, 464 To 656 Feet, 779 To 790 Feet North Of The Asset Start Location							
		40%	4+	\$6,500	2023	\$323,800			
		Corrosion, Extent : Moderate, Area Affected : 20% Location : At Post Connections To Wall Missing Coating, Extent : Severe, Area Affected : 10% Location : Throughout							
	Steel	40%	4+	\$6,500	2023	\$323,800			
		Corrosion, Extent : Moderate, Area Affected : 20% Location : At Post Connections To Wall Missing Coating, Extent : Severe, Area Affected : 10% Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Jan-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 898 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$588,400	\$539,400
<b>Total</b>	<b>\$588,400</b>	<b>\$539,400</b>
Importance Code B	\$44,000	\$539,400
Importance Code C	\$544,400	
<b>Total</b>	<b>\$588,400</b>	<b>\$539,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$32,600			
<b>Total</b>	<b>\$32,600</b>			
Importance Code A				
Importance Code B	\$32,600			
Importance Code C				
<b>Total</b>	<b>\$32,600</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**  
**RALPH DEMARCO PARK REVETMENT**  
**Asset # : 756**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	5%			LIFE	**	5	\$8,300	
		Missing Block Seal, Extent : Light, Area Affected : 10% Location : At 20th Ave							
	No Component	95%							
Revetment									
	Stone	55%	0-2	\$472,700	LIFE	**	5	\$6,400	
		Missing Part, Extent : Moderate, Area Affected : 10% Location : Throughout Top Of Revetment							
	Stone	5%	Now	\$71,600	LIFE	**	5	\$600	
		Missing Part, Extent : Severe, Area Affected : 100% Location : Offshore Of Undermined Sidewalk At 517, 560, 584, 602 To 634 Feet, 651 To 683 Feet, And 749 To 766 Feet From North End							
	Stone	40%			LIFE	**	5	\$4,700	
Backfill									
	Fill								
	Topsoil	15%	Now	\$31,400	2053	**			
		Erosion, Extent : Moderate, Area Affected : 70% Location : Throughout Above Revetment							
	Topsoil	5%	Now	\$12,600	2065	**			
		Erosion, Extent : Severe, Area Affected : 50% Location : Undermined Sidewalk At 517, 560, 584, 602 To 634 Feet, 651 To 683 Feet, And 749 To 766 Feet From North End							
	Not Accessible	80%							
Surface									
	Concrete	25%			2034	**	5	\$5,600	
		Cracking, Extent : Light, Area Affected : 20% Location : Throughout							
	Concrete	5%	0-2	\$14,100	2034	**	5	\$600	
		Erosion, Extent : Severe, Area Affected : 50% Location : Undermined Sidewalk At 517, 560, 584, 602 To 634 Feet, 651 To 683 Feet, And 749 To 766 Feet From North End							
	Topsoil	55%			2023	\$57,700	5	\$5,000	
	Topsoil	15%	Now	\$15,700	2025	\$15,700	5	\$700	
		Erosion, Extent : Moderate, Area Affected : 70% Location : Throughout Above Revetment							
Deck Elements									
	Railing								
	Guard Rail	15%			LIFE	**			
	Steel	25%			2023	\$465,900			
		Other Observation, Extent : Light, Area Affected : 10% Location : Throughout Railing Explanation : Coating Defects							
	No Component	60%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads		\$184,500
<b>Total</b>		<b>\$184,500</b>
Importance Code B		\$184,500
<b>Total</b>		<b>\$184,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$41,800	\$600	\$600	
<b>Total</b>	<b>\$41,800</b>	<b>\$600</b>	<b>\$600</b>	
Importance Code A				
Importance Code B	\$41,800	\$600	\$600	
<b>Total</b>	<b>\$41,800</b>	<b>\$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**  
**REDHOOK RECREATION AREA TIMBER BULKHEAD**  
**Asset # : 13966**

<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>									
	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+	\$19,800	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	\$7,300	2041	**	4	\$900	
		<i>Broken, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
	Timber	40%	2-4	\$14,500	2041	**	4	\$1,900	
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>							
		<i>Location : Throughout</i>							
	Timber	25%			2029	**	4	\$1,200	
	Not Accessible	15%							
<b>Deck Elements</b>									
	Railing								
	Steel	100%			2024	\$184,500			
		<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.*

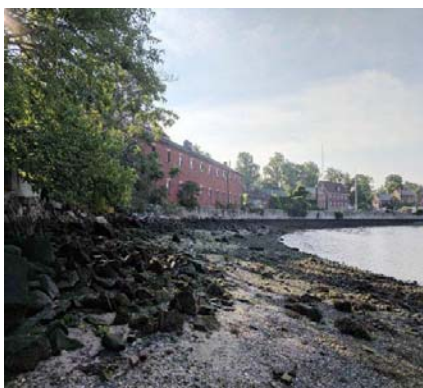
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVEL. 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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$755,500	\$808,400
<b>Total</b>	<b>\$755,500</b>	<b>\$808,400</b>
Importance Code A	\$548,500	\$60,700
Importance Code B	\$149,500	\$747,700
Importance Code C	\$57,500	
<b>Total</b>	<b>\$755,500</b>	<b>\$808,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$62,200		\$1,000	
<b>Total</b>	<b>\$62,200</b>		<b>\$1,000</b>	
Importance Code A	\$18,200			
Importance Code B	\$42,500		\$1,000	
Importance Code C	\$1,500			
<b>Total</b>	<b>\$62,200</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**  
**REKET. AND GRAVITY WALL STACKED BLOCK SEAWALL W/ RIP RAP IN FRONT**  
**Asset # : 13785**

Bulkheads		Current Repair			Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural	Gravity Wall									
	Stone	70%	4+	\$548,500	LIFE	* *	5	\$42,500		
		Displaced Elements, Extent : Severe, Area Affected : 20%								
		Location : Displaced Stone Top Of Wall Due To Tree Growth								
		Missing Part, Extent : Severe, Area Affected : 15%								
		Location : Missing Block At 292 Feet From South End								
		Missing Block Seal, Extent : Moderate, Area Affected : 70%								
		Location : Throughout In Lower Section Of Wall								
		Other Observation, Extent : Severe, Area Affected : 25%								
		Location : Throughout								
		Explanation : Missing Filler Stones								
	Stone	30%			LIFE	* *	5	\$36,400		
		Missing Block Seal, Extent : Moderate, Area Affected : 70%								
		Location : Throughout In Lower Section Of Wall								
		Other Observation, Extent : Moderate, Area Affected : 10%								
		Location : At North End Of Asset								
		Explanation : Trees Growing Between Blocks								
Revetment	Stone	35%			LIFE	* *	5	\$3,000		
		Other Observation, Extent : Light, Area Affected : 5%								
		Location : Isolated Throughout								
		Explanation : Rip Rap Displaced								
	Stone	10%	4+	\$57,500	LIFE	* *	5	\$400		
		Missing Part, Extent : Moderate, Area Affected : 50%								
		Location : 420 Feet And 495 Feet From South End								
		No Component	55%							
	Backfill	Fill								
Topsoil		5%	Now	\$8,400	2068	* *				
		Other Observation, Extent : Moderate, Area Affected : 100%								
		Location : Throughout Southern 450 Feet								
		Explanation : Small Sinkholes								
Topsoil		15%	4+	\$25,200	2068	* *				
		Other Observation, Extent : Light, Area Affected : 5%								
		Location : Isolated Throughout								
		Explanation : Settlement								
		Not Accessible	80%							
Surface	Concrete	25%			2031	* *	5	\$2,000		
		Cracking, Extent : Moderate, Area Affected : 25%								
		Location : Throughout								
	Topsoil	35%	Now	\$8,800	2026	\$14,700	5	\$600		
		Other Observation, Extent : Moderate, Area Affected : 20%								
		Location : Isolated Throughout Southern 450 Feet								
		Explanation : Sinkholes								
		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**  
**REKET. AND GRAVITY WALL STACKED BLOCK SEAWALL W/RIP RAP IN FRONT**  
**Asset # : 13785**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Deck Elements

## Railing

Steel

100% 4+ \$149,500 2028 \$747,700

*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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT @ 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 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$2,600		\$400	\$900
<b>Total</b>	<b>\$2,600</b>		<b>\$400</b>	<b>\$900</b>
Importance Code A	\$600			
Importance Code B			\$400	\$900
Importance Code C	\$2,000			
<b>Total</b>	<b>\$2,600</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb								
	Concrete	60%			LIFE	* *	5-10	\$300	
	No Component	40%							
Gravity Wall									
	Concrete	45%			LIFE	* *	5-10	\$1,100	
				Discolor & Bleeding, Extent : Light, Area Affected : 1%					
				Location : Along The Cove/inlet Inshore Of The Footbridge					
	No Component	55%							
Revetment									
	Stone	100%			LIFE	* *	5	\$3,700	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt Pavers	50%			2037	* *	5	\$1,800	
	Topsoil	50%			2026	\$8,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$205,500	\$228,700
<b>Total</b>	<b>\$205,500</b>	<b>\$228,700</b>
Importance Code B	\$45,700	\$228,700
Importance Code C	\$159,800	
<b>Total</b>	<b>\$205,500</b>	<b>\$228,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$36,300		\$1,200	
<b>Total</b>	<b>\$36,300</b>		<b>\$1,200</b>	
Importance Code B	\$36,300		\$1,200	
Importance Code C				
<b>Total</b>	<b>\$36,300</b>		<b>\$1,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT AT SOCRATES SCULPTURE PARK**  
**Asset # : 14021**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	50%			LIFE	**	5	\$1,300	
	Stone	20%	0-2	\$63,900	LIFE	**	5	\$500	
		Missing Part, Extent : Severe, Area Affected : 50%							
		Location : Voids Between Poorly Placed Stone							
	Stone	30%	4+	\$95,900	LIFE	**	5	\$800	
		Missing Part, Extent : Moderate, Area Affected : 25%							
		Location : Poorly Placed Stone Along Park Waterfront							
Backfill									
	Fill								
	Topsoil	50%	0-2	\$23,400	2067	**			
		Other Observation, Extent : Severe, Area Affected : 40%							
		Location : Erosion At Top Of Revetment							
		Explanation : Erosion Of Bank							
	Not Accessible	50%							
Surface									
	Asphalt Pavers	50%			2036	**	5	\$2,500	
		Settlement, Extent : Light, Area Affected : 50%							
		Location : At Middle Of Park							
	Topsoil	50%	0-2	\$11,700	2027	\$11,700	5	\$500	
		Erosion, Extent : Severe, Area Affected : 50%							
		Location : At Top Of Revetment							
Deck Elements									
	Railing								
	Fencing	5%	4+	\$1,200	2032	**	3		
		Not Plumb, Extent : Moderate, Area Affected : 50%							
		Location : At North End Of Park							
	Steel	20%	4+	\$16,600	2027	\$83,200			
		Progressing Scour, Extent : Light, Area Affected : 100%							
		Location : Throughout Park							
	Steel	35%	0-2	\$29,100	2027	\$145,500			
		Progressing Scour, Extent : Severe, Area Affected : 100%							
		Location : Undermining At Top Of Revetment At Middle Of Park							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$3,700			
<b>Total</b>	<b>\$3,700</b>			
Importance Code C	\$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**  
**REVTMENT SCATTERED RIP RAP**  
**Asset # : 13789**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$7,300	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Not Accessible	100%							
				Other Observation, Extent : Light, Area Affected : 0%					
				Location :					
				Explanation : Heavy Vegetation					

*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$2,200			\$500
<b>Total</b>	<b>\$2,200</b>			<b>\$500</b>
Importance Code B				\$500
Importance Code C	\$2,200			
<b>Total</b>	<b>\$2,200</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 - RIPRAP BULKHEAD**  
**Asset # : 13809**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$4,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Revetment							
		Explanation : Vegetation							
Backfill									
	Fill								
	No Component	40%							
	Not Accessible	60%							
	Surface								
	Topsoil	60%			2027	\$11,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT & 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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$899,000	
<b>Total</b>	<b>\$899,000</b>	
Importance Code A	\$724,200	
Importance Code C	\$174,800	
<b>Total</b>	<b>\$899,000</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$37,000		\$100	\$1,500
<b>Total</b>	<b>\$37,000</b>		<b>\$100</b>	<b>\$1,500</b>
Importance Code A				
Importance Code B	\$34,900		\$100	\$1,500
Importance Code C	\$2,100			
<b>Total</b>	<b>\$37,000</b>		<b>\$100</b>	<b>\$1,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**REVTMENT & TIMBER CRIB DYCKMAN MARINA TO CANOE CLUB**  
**Asset # : 13698**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Timber Crib w/Stone	25%	0-2	\$724,200	LIFE	* *	4	\$4,300	
		Displaced Elements, Extent : Severe, Area Affected : 100%							
		Location : North Of Canoe Club							
		Rotting/Splitting, Extent : Severe, Area Affected : 100%							
		Location : At Canoe Club							
	No Component	75%							
Revetment									
	Stone	40%	4+	\$174,800	LIFE	* *	5	\$1,400	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : North Of Canoe Club							
		Explanation : Non-engineered Revetment							
	Stone	60%			LIFE	* *	5	\$4,300	
Backfill									
	Fill								
	Stone	30%	0-2	\$19,400	LIFE	* *	5	\$200	
		Loss of Backfill, Extent : Severe, Area Affected : 100%							
		Location : Throughout Cribbing At Canoe Club							
	Not Accessible	70%							
Surface									
	Asphalt Pavers	30%			2037	* *	5	\$2,000	
	Concrete	10%			2037	* *	5	\$700	
	Gravel	30%	4+	\$15,500	2043	* *	2-5	\$300	
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : Along Riprap And Crib Adjacent To Inwood Canoe Club							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT @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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$97,000	\$39,300
<b>Total</b>	<b>\$97,000</b>	<b>\$39,300</b>
Importance Code B		\$39,300
Importance Code C	\$97,000	
<b>Total</b>	<b>\$97,000</b>	<b>\$39,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$6,800		\$1,500	\$800
<b>Total</b>	<b>\$6,800</b>		<b>\$1,500</b>	<b>\$800</b>
Importance Code B	\$2,400		\$1,500	\$800
Importance Code C	\$4,500			
<b>Total</b>	<b>\$6,800</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**  
**REVETMENT @CLASSONS POINT PUGSLEY CREEK PARK**  
**Asset # : 13703**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	85%			LIFE	* *	5	\$9,000	
	Stone	15%	4+	\$97,000	LIFE	* *	5	\$800	
Erosion, Extent : Moderate, Area Affected : 100%									
Location : Ungraded Areas With Exposed Soil									
Backfill									
	Fill								
	No Component	2%							
Other Observation, Extent : Light, Area Affected : 0%									
Location : At Southwest End Of Asset									
Explanation : Boat Ramp									
	Not Accessible	98%							
Surface									
	Asphalt	15%			2037	* *	5	\$1,500	
	Topsoil	10%	4+	\$2,400	2028	\$4,700	5	\$200	
Erosion, Extent : Moderate, Area Affected : 100%									
Location : Topsoil Loss Above Revetment From 500 Feet To 600 Feet Northeast Of Asset Beginning									
	Topsoil	73%			2026	\$34,600	5	\$3,000	
	No Component	2%							
Other Observation, Extent : Light, Area Affected : 0%									
Location : At Southwest End Of Asset									
Explanation : Boat Ramp									
Protective Structure									
	Breakwater								
	Stone	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : East Of Boat Ramp									
Explanation : 70 Feet Long									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$6,278,000	\$2,968,500
<b>Total</b>	<b>\$6,278,000</b>	<b>\$2,968,500</b>
Importance Code A	\$3,682,400	\$226,900
Importance Code B	\$2,595,500	\$2,741,700
<b>Total</b>	<b>\$6,278,000</b>	<b>\$2,968,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$21,700			\$5,800
<b>Total</b>	<b>\$21,700</b>			<b>\$5,800</b>
Importance Code B				\$5,800
Importance Code C	\$21,700			
<b>Total</b>	<b>\$21,700</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	2%	Now	\$334,800	LIFE	**	5	\$6,500	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Area Between 93 And 138 Feet From North							
		Explanation : Collapsed							
	Stone	2%	0-2	\$251,100	LIFE	**	5	\$6,500	
		Displaced Elements, Extent : Moderate, Area Affected : 50%							
		Location : North 60 Feet							
		Other Observation, Extent : Severe, Area Affected : 50%							
		Location : North 60 Feet							
		Explanation : Deterioration Of Mortar Layer Between Upper And Lower Walls							
	Stone	64%	4+	\$2,678,100	LIFE	**	5	\$207,400	
		Displaced Elements, Extent : Moderate, Area Affected : 20%							
		Location : At 230 To 260 Feet, 300 Feet, And 350 Feet From North End And Isolated Areas Throughout							
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : At 600 To 1300 Feet From North End And Isolated Throughout							
		Explanation : Missing Filler Stones							
	Stone	2%	2-4	\$418,500	LIFE	**	5	\$6,500	
		Not Plumb, Extent : Severe, Area Affected : 50%							
		Location : Gravity Wall Is Leaning Offshore At 100 Feet From South End							
	No Component	5%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Top Half Of Wall Missing At 100 To 550 Feet From North							
	Not Accessible	25%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : From 1300-1700, 1845-2100, 2530-2900 Feet From North End							
		Explanation : Lower Wall Not Accessible							
	Revetment								
	Stone	95%			LIFE	**	5	\$43,500	
	No Component	5%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Topsoil	65%			2027	\$146,100	5	\$11,600	
		Settlement, Extent : Light, Area Affected : 2%							
		Location : Isolated Minor Sinkholes Along Wall							
	Not Accessible	35%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : North 1350 Feet							
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**  
**REVETMENT AND GRAVITY WALL RIPRAP INFRONT OF STONE SEAWALL**  
**Asset # : 13790**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Steel	65%	4+	\$2,595,500	2028	\$2,595,500			
		Broken, Extent : Severe, Area Affected : 2%							
		Location : Localized Throughout							
		Corrosion, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$594,300	\$837,700
<b>Total</b>	<b>\$594,300</b>	<b>\$837,700</b>
Importance Code A	\$375,100	\$62,900
Importance Code B	\$97,200	\$774,800
Importance Code C	\$122,000	
<b>Total</b>	<b>\$594,300</b>	<b>\$837,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$22,800			
<b>Total</b>	<b>\$22,800</b>			
Importance Code B	\$20,100			
Importance Code C	\$2,700			
<b>Total</b>	<b>\$22,800</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 AND GRAVITY WALL STONE SEAWALL AT FORT ENTRANCE**  
**Asset # : 13786**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Concrete	45%	4+	\$62,500	LIFE	**	5	\$300	
		Cracking, Extent : Light, Area Affected : 40%							
		Location : Throughout							
	No Component	55%							
Gravity Wall									
	Stone	80%			LIFE	**	5	\$100,600	
		Missing Block Seal, Extent : Moderate, Area Affected : 30%							
		Location : Throughout In Tidal Zone							
	Stone	20%	Now	\$324,800	LIFE	**	5	\$12,600	
		Missing Part, Extent : Severe, Area Affected : 50%							
		Location : Blocks Missing Within Isolated Areas At South End And Throughout							
Revetment									
	Stone	10%	Now	\$59,600	LIFE	**	5	\$400	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Isolated Areas From 300 Feet From South End To South End							
		Explanation : Displacement							
	Stone	60%			LIFE	**	5	\$5,300	
	No Component	30%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Concrete	20%	4+	\$58,500	2043	**	5	\$800	
		Discolor & Bleeding, Extent : Moderate, Area Affected : 20%							
		Location : North 50 Feet							
	Gravel	10%	4+	\$7,000	2043	**	2-5	\$100	
		Settlement, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Topsoil	30%	4+	\$13,100	2028	\$13,100	5	\$500	
		Settlement, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Not Accessible	40%							
Deck Elements									
	Railing								
	Steel	100%	4+	\$38,700	2026	\$774,800			
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Throughout							
		Explanation : Corrosion							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$1,336,000	\$891,900
<b>Total</b>	<b>\$1,336,000</b>	<b>\$891,900</b>
Importance Code A	\$886,100	\$67,000
Importance Code B	\$228,200	\$824,900
Importance Code C	\$221,700	
<b>Total</b>	<b>\$1,336,000</b>	<b>\$891,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$7,200		\$200	\$500
<b>Total</b>	<b>\$7,200</b>		<b>\$200</b>	<b>\$500</b>
Importance Code B	\$2,300		\$200	\$500
Importance Code C	\$4,900			
<b>Total</b>	<b>\$7,200</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**

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural	Coping/Curb							
	Concrete	10%	Now	\$29,600	LIFE	**	5	\$100
		Broken, Extent : Severe, Area Affected : 50%						
		Location : Isolated Area From 525 To 535 Feet From West End						
		Displaced Elements, Extent : Severe, Area Affected : 50%						
		Location : Isolated Between 310 And 650 Feet From West End						
	Concrete	65%	4+	\$192,200	LIFE	**	5	\$500
		Broken, Extent : Moderate, Area Affected : 100%						
		Location : Isolated Areas From 150 Feet To 790 Feet From West End						
	Concrete	25%			LIFE	**	5-10	\$400
		Cracking, Extent : Light, Area Affected : 5%						
		Location : Throughout						
Gravity Wall	Stone	10%	Now	\$432,200	LIFE	**	5	\$6,700
		Other Observation, Extent : Severe, Area Affected : 100%						
		Location : Near South Side Of Battery At 770 Feet From West End						
		Explanation : Wall Collapsed						
	Stone	85%	4+	\$367,400	LIFE	**	5	\$56,900
		Missing Block Seal, Extent : Moderate, Area Affected : 50%						
Revetment	Stone	5%	2-4	\$86,400	LIFE	**	5	\$3,300
		Displaced Elements, Extent : Moderate, Area Affected : 100%						
		Location : Isolated Areas At 405 And 445 Feet From West End						
		Missing Part, Extent : Severe, Area Affected : 100%						
		Location : Blocks Missing From Isolated Areas Located 260 And 320 From West End And At The Outfall Located 66 Feet From West End						
	Stone	100%			LIFE	**	5	\$9,500
Backfill	Fill							
	Topsoil	10%	Now	\$18,600	2068	**		
		Other Observation, Extent : Severe, Area Affected : 100%						
		Location : Isolated Within The Area From 700 To 780 Feet And An Area At 67 Feet From West End						
		Explanation : Sinkhole						
Backfill	Topsoil	10%	Now	\$18,600	2068	**		
		Other Observation, Extent : Severe, Area Affected : 100%						
		Location : Throughout The Area Between 690 And 790 Feet From West End						
		Explanation : Loss Of Backfill Due To Failure Of Wall						
Backfill	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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Backfill									
	Surface Concrete	10%			2037	* *	5	\$900	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Westernmost 75 Feet							
		Settlement, Extent : Light, Area Affected : 50%							
		Location : Westernmost 75 Feet							
	Stone	25%	4+	\$67,300	2041	* *			
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : From 200 Feet To 575 Feet From West End							
		Explanation : Settlement							
	Stone	25%			2037	* *	10		
	Topsoil	10%			2026	\$4,600	5	\$400	
	Topsoil	5%	Now	\$2,300	2028	\$2,300	5	\$100	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : 690 Feet From West End							
	Not Accessible	25%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Not Accessible Due To Heavy Vegetation							
Deck Elements									
	Railing								
	Steel	75%	Now	\$123,700	2028	\$618,700			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Westernmost 120 Feet And From 120 Feet To 550 Feet From West End							
		Explanation : Severely Corroded And Missing Railing							
	Steel	25%			2026	\$206,200			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$7,600	\$100		
<b>Total</b>	<b>\$7,600</b>	<b>\$100</b>		
Importance Code B	\$7,600	\$100		
Importance Code C				
<b>Total</b>	<b>\$7,600</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**  
**REVTMENT AT 9-11 MEMORIAL**  
**Asset # : 14017**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$1,200	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Brick Pavers	40%			2043	* *	5	\$900	
	Brick Pavers	10%	2-4	\$5,400	2052	* *	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Along Offshore Edge Of Pavers									
Explanation : Displaced Pavers									
	Topsoil	30%			2025	\$3,200	5	\$300	
	Topsoil	20%	2-4	\$2,200	2027	\$2,200	5	\$100	
Erosion, Extent : Moderate, Area Affected : 20%									
Location : North End									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$239,900	
<b>Total</b>	<b>\$239,900</b>	
Importance Code B	\$239,900	
<b>Total</b>	<b>\$239,900</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Coping/Curb Concrete	100%			LIFE	* *	5	\$200	
	Revetment Stone	100%			LIFE	* *	5	\$1,500	
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Brick Pavers	100%			2042	* *	5	\$2,900	
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Throughout Adjacent to handrail								
	Explanation : Settlement								
Deck Elements									
	Railing								
	Steel	100%			2021	\$239,900			
	Corrosion, Extent : Light, Area Affected : 5%								
	Location : Isolated Throughout								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$1,000	\$400	\$100	
<b>Total</b>	<b>\$1,000</b>	<b>\$400</b>	<b>\$100</b>	
Importance Code B	\$1,000	\$400	\$100	
Importance Code C				
<b>Total</b>	<b>\$1,000</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**  
**REVTMENT AT LEMON CREEK**  
**Asset # : 13942**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$5,100	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Gravel	55%			2035	* *	2-5	\$1,400	
	Topsoil	45%			2024	\$20,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : REVETMENT 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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$39,500
<b>Total</b>		<b>\$39,500</b>
Importance Code B		\$39,500
<b>Total</b>		<b>\$39,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	100%			LIFE	* *	5	\$4,900	
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Stone	10%			2036	* *	10		
	Topsoil	90%			2025	\$39,500	5	\$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Heavy Vegetation									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$162,700	
<b>Total</b>	<b>\$162,700</b>	
Importance Code B	\$38,200	
Importance Code C	\$124,500	
<b>Total</b>	<b>\$162,700</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$26,400	\$4,800	\$1,300	
<b>Total</b>	<b>\$26,400</b>	<b>\$4,800</b>	<b>\$1,300</b>	
Importance Code B	\$26,400	\$4,800	\$1,300	
Importance Code C				
<b>Total</b>	<b>\$26,400</b>	<b>\$4,800</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**  
**RIVERDALE PARK RIPRAP REVETMENT**  
**Asset # : 716**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Revetment	95%			LIFE	* *	5	\$32,100	
	Stone								
		Settlement, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout							
	Stone	5%	4+	\$124,500	LIFE	* *	5	\$1,700	
		Settlement, Extent : Moderate, Area Affected : 25%							
		Location : Isolated Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Isolated Throughout And At Tower Footings Between 1180 Feet And 5325 Feet From North							
		Explanation : Insufficient Armor Stone							
Backfill	Fill	5%	Now	\$38,200	2056	* *	5	\$300	
	Sand								
		Erosion, Extent : Moderate, Area Affected : 70%							
		Location : At Areas Moderate Revetment Damage							
	Not Accessible	95%							
Surface	Gravel	5%	Now	\$24,500	2041	* *	2-5	\$500	
	Gravel	90%			2035	* *	2-5	\$15,600	
	Topsoil	5%			2024	\$15,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$599,500	\$1,346,500
<b>Total</b>	<b>\$599,500</b>	<b>\$1,346,500</b>
Importance Code B	\$310,500	\$1,299,400
Importance Code C	\$289,000	\$47,100
<b>Total</b>	<b>\$599,500</b>	<b>\$1,346,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$21,200	\$20,200	\$8,300	
<b>Total</b>	<b>\$21,200</b>	<b>\$20,200</b>	<b>\$8,300</b>	
Importance Code B	\$21,200	\$20,200	\$8,300	
<b>Total</b>	<b>\$21,200</b>	<b>\$20,200</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	95%			LIFE	* *	5	\$44,700	
		Erosion, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Stone	2%	4+	\$115,600	LIFE	* *	5	\$900	
		Settlement, Extent : Moderate, Area Affected : 100%							
		Location : Two Sections Totaling 100 Feet							
	Stone	3%	Now	\$173,400	LIFE	* *	5	\$1,400	
		Settlement, Extent : Severe, Area Affected : 100%							
		Location : Six Sections With Steep Embankment Or Loss Of Stone							
Backfill									
	Fill								
	Topsoil	5%	Now	\$84,500	2066	* *			
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Sections With Embankment Encroaching On Asphalt Path							
	Not Accessible	95%							
Surface									
	Asphalt	45%			2035	* *	5	\$40,400	
		Cracking, Extent : Light, Area Affected : 5%							
		Location : Throughout							
	Asphalt	5%	Now	\$35,500	2041	* *	5	\$2,200	
		Cracking, Extent : Severe, Area Affected : 30%							
		Location : Areas Of Broken Asphalt Due To Tree Root Growth Or Embankment Erosion							
		Sinkhole, Extent : Severe, Area Affected : 50%							
		Location : 3700 Feet From South							
	Topsoil	45%			2021	\$190,500	5	\$16,600	
		Erosion, Extent : Light, Area Affected : 75%							
		Location : Top Of Embankment Throughout							
	Topsoil	5%	Now	\$21,200	2026	\$21,200	5	\$900	
		Erosion, Extent : Severe, Area Affected : 60%							
		Location : Six Locations Throughout; Encroaching On And Under Asphalt							
Deck Elements									
	Railing								
	Steel	17%			2024	\$1,278,200			
		Missing Coating, Extent : Light, Area Affected : 5%							
		Location : Isolated Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$577,900	\$201,100
<b>Total</b>	<b>\$577,900</b>	<b>\$201,100</b>
Importance Code B		\$201,100
Importance Code C	\$577,900	
<b>Total</b>	<b>\$577,900</b>	<b>\$201,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$69,500		\$1,100	
<b>Total</b>	<b>\$69,500</b>		<b>\$1,100</b>	
Importance Code B	\$69,500		\$1,100	
Importance Code C				
<b>Total</b>	<b>\$69,500</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**

Bulkheads		Current Repair			Future Replacement		Maintenance											
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority									
Structural	Revetment	20%	Now	\$577,900	LIFE	* *	5	\$4,300										
	Settlement, Extent : Severe, Area Affected : 100%																	
	Location : Six Sections Totaling 700 Linear Feet																	
	Stone	80%			LIFE	* *	5	\$17,200										
Settlement, Extent : Light, Area Affected : 10%																		
Location : Isolated Throughout																		
Backfill	Fill	10%	Now	\$25,400	2066	* *												
	Erosion, Extent : Severe, Area Affected : 50%																	
	Location : At Areas Of Severe Revetment Settlement																	
	Not Accessible	90%																
Surface	Cobblestone	4%			2046	* *	5	\$2,200										
	Settlement, Extent : Light, Area Affected : 40%																	
	Location : 1300 Feet From The South At Riverbank State Park																	
	Concrete	1%	4+	\$5,700	2035	* *	5	\$200										
										Erosion, Extent : Moderate, Area Affected : 100%								
										Location : At Picnic Area 1300 Feet From South								
Spalling, Extent : Light, Area Affected : 10%																		
Location : At Picnic Area 1300 Feet From South																		
	Topsoil	80%			2024	\$169,300	5	\$13,500										
Erosion, Extent : Light, Area Affected : 10%																		
Location : Isolated Throughout																		
	Topsoil	15%	Now	\$31,700	2026	\$31,700	5	\$1,300										
Erosion, Extent : Severe, Area Affected : 50%																		
Location : At Areas Of Stone Settlement																		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$861,700	\$8,292,900
<b>Total</b>	<b>\$861,700</b>	<b>\$8,292,900</b>
Importance Code A	\$647,900	\$564,500
Importance Code B	\$213,800	\$7,728,300
<b>Total</b>	<b>\$861,700</b>	<b>\$8,292,900</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$17,400	\$31,700		
<b>Total</b>	<b>\$17,400</b>	<b>\$31,700</b>		
Importance Code B	\$17,400	\$31,700		
<b>Total</b>	<b>\$17,400</b>	<b>\$31,700</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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>	
Structural	Gravity Wall								
	Stone	70%			LIFE	**	5	\$439,100	
		Cracking, Extent : Light, Area Affected : 5% Location : In Concrete At Top Of Wall							
	Stone	5%	0-2	\$404,900	LIFE	**	5	\$31,400	
		Displaced Elements, Extent : Moderate, Area Affected : 50% Location : 50 Feet Long Section 3100 Feet From North Missing Part, Extent : Severe, Area Affected : 5% Location : Isolated Missing Stones Missing Block Seal, Extent : Light, Area Affected : 25% Location : Throughout							
	Stone	15%	2-4	\$243,000	LIFE	**	5	\$94,100	
		Displaced Elements, Extent : Moderate, Area Affected : 15% Location : Coping Elements Mostly In Southern 1000 Feet							
	Not Accessible	10%							
Backfill	Fill								
	Topsoil	5%	Now	\$17,400	2066	**			
		Sinkhole, Extent : Severe, Area Affected : 100% Location : At 1440 And 2250 Feet From North							
	Not Accessible	95%							
Surface	Asphalt	75%			2035	**	5	\$63,300	
	Asphalt	5%	Now	\$14,600	2041	**	5	\$2,100	
		Sinkhole, Extent : Severe, Area Affected : 50% Location : At 1440 And 2250 Feet From North							
	Asphalt	10%	2-4	\$29,200	2041	**	5	\$4,200	
		Cracking, Extent : Moderate, Area Affected : 100% Location : Isolated Throughout Settlement, Extent : Moderate, Area Affected : 100% Location : Areas Of Depression Throughout Generally 1 Feet From Seawall							
	Under Construction	10%							
Deck Elements	Railing								
	Steel	89%			2024	\$6,878,200			
		Missing Coating, Extent : Light, Area Affected : 15% Location : Throughout							
	Steel	10%	Now	\$154,600	2026	\$772,800			
		Broken, Extent : Severe, Area Affected : 25% Location : Two 50 Feet Sections Missing With Temporary Fencing Corrosion, Extent : Severe, Area Affected : 75% Location : Throughout Older Generation Of Railing At Post Bases							
	Steel	1%	0-2	\$15,500	2026	\$77,300			
		Displaced Elements, Extent : Severe, Area Affected : 100% Location : Section 3100 Feet From North							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$752,100	
<b>Total</b>	<b>\$752,100</b>	
Importance Code A	\$508,400	
Importance Code B	\$127,700	
Importance Code C	\$115,900	
<b>Total</b>	<b>\$752,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$19,800			
<b>Total</b>	<b>\$19,800</b>			
Importance Code A				
Importance Code B	\$19,800			
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**  
**SEAWALL AND REVETMENT**  
**Asset # : 13944**

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural	Gravity Wall							
	Concrete	40%	Now	\$508,400	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%						
Revetment	Stone	30%			LIFE	* *	5	\$900
	Stone	30%	Now	\$115,900	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%						
Sheet Piles	Steel	30%			LIFE	* *		
		<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout Exposed Steel Sheet Piles</i>						
	No Component	70%						
Backfill	Fill							
	Topsoil	70%	Now	\$79,100	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%						
Surface	Asphalt Pavers	30%	Now	\$48,600	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	\$19,800	2026	\$19,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$67,100	\$11,878,200
<b>Total</b>	<b>\$67,100</b>	<b>\$11,878,200</b>
Importance Code A		\$1,060,100
Importance Code B	\$67,100	\$10,747,600
Importance Code C		\$70,400
<b>Total</b>	<b>\$67,100</b>	<b>\$11,878,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$22,500			
<b>Total</b>	<b>\$22,500</b>			
Importance Code B	\$22,500			
Importance Code C				
<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**  
**SHORE ROAD PARKWAY GRAVITY WALL AND REVETMENT**  
**Asset # : 921**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Coping/Curb Concrete	27%			LIFE	* *	5	\$3,000	
		Spalling, Extent : Moderate, Area Affected : 15%							
		Location : Spall At 2125 Feet From South End And Spall At 2675 Feet From South End							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : From 710 Feet To 3645 Feet And 4205 Feet To 4385 Feet From South End							
		Explanation : Replaces Stone Coping							
	Stone	73%			LIFE	* *	5	\$14,600	
	Gravity Wall								
	Conc w/Stone Face	100%			LIFE	* *	5	\$1,060,100	
		Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout Asset								
	Explanation : Majority Of Wall Is Hidden Behind Riprap Slope.								
	Revetment								
	Stone	100%			LIFE	* *	5	\$70,400	
Backfill	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	100%			2036	* *	5	\$134,200	
	Cracking, Extent : Moderate, Area Affected : 100%								
	Location : Isolated 1/4 Inch Transverse Cracks Throughout Asset								
Deck Elements	Railing								
	Guard Rail	5%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At Owls Head Treatment Plant							
		Explanation : At North End Of Asset							
	Steel	85%			2026	\$9,556,300			
	Steel	10%	4+	\$22,500	2025	\$1,124,300			
	Missing Part, Extent : Moderate, Area Affected : 5%								
	Location : Missing Grout At Base Of Railing Posts								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*  
*Estimates are rounded to the nearest hundred dollars.*  
*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$518,200	\$117,900
<b>Total</b>	<b>\$518,200</b>	<b>\$117,900</b>
Importance Code B	\$35,400	\$117,900
Importance Code C	\$482,900	
<b>Total</b>	<b>\$518,200</b>	<b>\$117,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$37,400		\$3,600	
<b>Total</b>	<b>\$37,400</b>		<b>\$3,600</b>	
Importance Code B	\$28,300		\$3,600	
Importance Code C	\$9,200			
<b>Total</b>	<b>\$37,400</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**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	70%			LIFE	* *	5	\$18,400	
	Stone	30%	Now	\$482,900	LIFE	* *	5	\$3,900	
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : At East And West Ends Of Asset							
Backfill									
	Fill								
	Topsoil	30%	Now	\$28,300	2068	* *			
		Erosion, Extent : Moderate, Area Affected : 100%							
		Location : West End And Tysen Street							
	Not Accessible	70%							
Surface									
	Topsoil	30%	Now	\$35,400	2028	\$35,400	5	\$1,500	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : East End And Tysen Street							
	Topsoil	70%			2026	\$82,500	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.*

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**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$141,100	\$543,100
<b>Total</b>	<b>\$141,100</b>	<b>\$543,100</b>
Importance Code B		\$485,600
Importance Code C	\$141,100	\$57,500
<b>Total</b>	<b>\$141,100</b>	<b>\$543,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$25,800	\$20,600	\$400	\$100
<b>Total</b>	<b>\$25,800</b>	<b>\$20,600</b>	<b>\$400</b>	<b>\$100</b>
Importance Code B	\$25,800	\$20,600	\$400	\$100
<b>Total</b>	<b>\$25,800</b>	<b>\$20,600</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	2%	4+	\$141,100	LIFE	* *	5	\$1,100	
		Missing Part, Extent : Light, Area Affected : 10%							
		Location : Isolated Stone Missing Throughout And Around Point							
	Stone	98%			LIFE	* *	5	\$56,300	
Backfill									
	Fill								
	Topsoil	5%	4+	\$20,600	2067	* *			
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : At Top Of Embankment At Point And Along Southeast Shoreline							
	Not Accessible	95%							
Surface									
	Concrete	1%			2040	* *	5	\$1,100	
	Sand	5%			2036	* *	2-5	\$1,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : In Restoration Area							
	Topsoil	89%			2025	\$459,800	5	\$40,000	
	Topsoil	5%	4+	\$5,200	2027	\$25,800	5	\$1,100	
		Erosion, Extent : Moderate, Area Affected : 10%							
		Location : At Top Of Embankment At Point And Along Southeast Shoreline							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

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**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$208,600	\$131,100
<b>Total</b>	<b>\$208,600</b>	<b>\$131,100</b>
Importance Code A		\$80,200
Importance Code B		\$50,900
Importance Code C	\$208,600	
<b>Total</b>	<b>\$208,600</b>	<b>\$131,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads				
<b>Total</b>				
Importance Code B				
Importance Code C				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SOUTH EAST SHORE RIP-RAP SHORELINE**  
**Asset # : 13859**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	50%			LIFE	* *	5	\$80,200	
	No Component	50%							
	Other Observation, Extent : Light, Area Affected : 0%								
	Location :								
	Explanation : Revetment Only Station 0+00 To 8+90 (From North)								
Revetment									
	Stone	50%			LIFE	* *	5	\$5,700	
	Stone	50%	4+	\$208,600	LIFE	* *	5	\$5,700	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : From 890 Feet To South End Of Asset (From North)								
	Explanation : Insufficient Armor Stone								
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Stone	50%			2034	* *	10		
	Topsoil	50%			2023	\$50,900	5	\$4,400	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 1,960 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$360,000	\$105,500
<b>Total</b>	<b>\$360,000</b>	<b>\$105,500</b>
Importance Code B		\$105,500
Importance Code C	\$360,000	
<b>Total</b>	<b>\$360,000</b>	<b>\$105,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$50,900			
<b>Total</b>	<b>\$50,900</b>			
Importance Code B	\$50,900			
Importance Code C				
<b>Total</b>	<b>\$50,900</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 SHORE RIP-RAP SHORELINE**  
**Asset # : 13860**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	25%	4+	\$360,000	LIFE	* *	5	\$2,900	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : From 170ft-180ft; 200ft-230ft; 365ft-480ft; 520ft-550ft; 630ft-895ft, And 1350ft-1392ft From Start Of Asset At The South							
		Explanation : Displacement/ Settlement And Inadequate Armor Stone At Toe							
	Stone	75%			LIFE	* *	5	\$8,800	
Backfill									
	Fill								
	Topsoil	25%	Now	\$21,100	2060	* *			
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : From 170ft-180ft; 200ft-230ft; 365ft - 480ft; 520ft-550ft; 630ft-895ft, And 1350ft-1392ft From Start Of Asset At The South							
		Explanation : Erosion							
	Not Accessible	75%							
Surface									
	Topsoil	75%			2024	\$79,100	5	\$6,900	
	Topsoil	25%	Now	\$26,400	2025	\$26,400	5	\$1,100	
		Erosion, Extent : Moderate, Area Affected : 50%							
		Location : From 170ft-180ft; 200ft-230ft; 365ft - 480ft; 520ft-550ft; 630ft-895ft, And 1350ft-1392ft From Start Of Asset At The South							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads		\$84,800
<b>Total</b>		<b>\$84,800</b>
Importance Code A		\$84,800
<b>Total</b>		<b>\$84,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$16,300			
<b>Total</b>	<b>\$16,300</b>			
Importance Code B	\$16,300			
<b>Total</b>	<b>\$16,300</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 WEST SHORE BULKHEAD/SEAWALL**

**Asset # : 13861**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Stone	100%			LIFE	* *	5	\$84,800	
Backfill									
	Fill								
	Topsoil	5%	4+	\$10,700	2065	* *			
		Sinkhole, Extent : Moderate, Area Affected : 30%							
		Location : Throughout And At The Following Distances North Of Asset Start: 475 Feet And 835 Feet To 890 Feet							
	Not Accessible	95%							
Surface									
	Concrete	50%			2034	* *	5	\$5,700	
		Cracking, Extent : Light, Area Affected : 100%							
		Location : End Of Asset							
	Topsoil	45%			2023	\$24,200	5	\$2,100	
	Topsoil	5%	4+	\$2,700	2025	\$2,700	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Throughout And At The Following Distances North Of Asset Start: 475 Feet And 835 Feet To 890 Feet							
		Explanation : Sinkholes							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$450,500	\$60,700
<b>Total</b>	<b>\$450,500</b>	<b>\$60,700</b>
Importance Code A	\$450,500	\$60,700
<b>Total</b>	<b>\$450,500</b>	<b>\$60,700</b>

**EXPENSE**

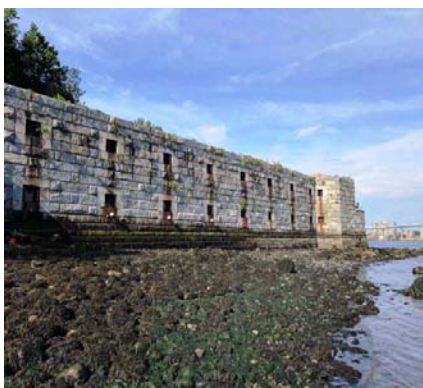

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**Total**


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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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural	Gravity Wall								
	Stone	5%	0-2	\$78,400	LIFE	* *	5	\$3,000	
		Displaced Elements, Extent : Moderate, Area Affected : 20%							
		Location : At NW Point Of Battery							
		Missing Part, Extent : Severe, Area Affected : 5%							
		Location : Stone At Displaced Area At Nw Point Of Battery							
	Stone	95%	2-4	\$372,200	LIFE	* *	5	\$57,600	
		Missing Block Seal, Extent : Moderate, Area Affected : 100%							
		Location : In Tidal Zone Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Reported By Personnel Through Walls Of Fort								
	Explanation : Water Penetration								
Backfill	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads		\$698,700
<b>Total</b>		<b>\$698,700</b>
Importance Code B		\$698,700
<b>Total</b>		<b>\$698,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural	Sheet Piles							
	Steel	50%			LIFE	**		
		Recent Replace Evident, Extent : Light, Area Affected : 100%						
		Location : Throughout						
	Not Accessible	50%						
Pile Caps	Concrete	100%			LIFE	**	5	\$2,200
		Cracking, Extent : Light, Area Affected : 2%						
		Location : Throughout						
		Recent Replace Evident, Extent : Light, Area Affected : 100%						
Backfill	Fill							
	Under Construction	100%						
Surface	Under Construction	100%						
Deck Elements	Railing							
	Steel	100%			2026	\$698,700		
		Recent Replace Evident, Extent : Light, Area Affected : 100%						
		Location : Throughout						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$35,800	\$179,200
<b>Total</b>	<b>\$35,800</b>	<b>\$179,200</b>
Importance Code B	\$35,800	\$179,200
<b>Total</b>	<b>\$35,800</b>	<b>\$179,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$19,700			
<b>Total</b>	<b>\$19,700</b>			
Importance Code A	\$8,200			
Importance Code B	\$11,500			
Importance Code C				
<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**  
**STEEL SHEET PILE BULKHEAD AND RIPRAP SHORELINE**  
**Asset # : 13965**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	33%			LIFE	**	5	\$700	
	No Component	67%							
	Sheet Piles								
	Steel	43%			LIFE	**			
		Corrosion, Extent : Light, Area Affected : 30%							
		Location : Above Mlw Elevation							
		Missing Coating, Extent : Light, Area Affected : 30%							
		Location : Above Mlw Elevation							
	No Component	47%							
	Not Accessible	10%							
	Pile Caps								
	Concrete	5%	4+	\$8,200	LIFE	**	5	\$100	
		Cracking, Extent : Severe, Area Affected : 100%							
		Location : Just North Of Pier							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Section North Of Pier							
		Explanation : Separation Of Concrete Cap From Top Section Of Deck							
	Concrete	47%			LIFE	**	5	\$500	
		Cracking, Extent : Light, Area Affected : 25%							
		Location : Throughout							
	No Component	48%							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Asphalt	18%	4+	\$6,100	2041	**	5	\$400	
		Cracking, Extent : Moderate, Area Affected : 25%							
		Location : North Of Pier							
		Settlement, Extent : Moderate, Area Affected : 25%							
		Location : North Of Pier							
	Sand	14%			2035	**	2-5	\$200	
	Topsoil	43%			2024	\$8,700	5	\$800	
	Topsoil	25%	4+	\$5,000	2026	\$5,000	5	\$200	
		Erosion, Extent : Moderate, Area Affected : 50%							
		Location : South Of Pier							
		Settlement, Extent : Moderate, Area Affected : 50%							
		Location : South Of Pier							
Deck Elements									
	Railing								
	Steel	50%	4+	\$35,800	2025	\$179,200			
		Corrosion, Extent : Moderate, Area Affected : 5%							
		Location : South Of The Pier							
	No Component	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$776,100	
<b>Total</b>	<b>\$776,100</b>	
Importance Code A	\$556,800	
Importance Code B	\$219,300	
<b>Total</b>	<b>\$776,100</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$100	\$200	\$200	
<b>Total</b>	<b>\$100</b>	<b>\$200</b>	<b>\$200</b>	
Importance Code A				
Importance Code B	\$100	\$200	\$200	
Importance Code C				
<b>Total</b>	<b>\$100</b>	<b>\$200</b>	<b>\$200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**TIMBER BULKHEAD**  
**Asset # : 13933**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	25%			LIFE	* *	5	\$1,500	
	No Component	75%							
Sheet Piles									
	Timber	75%	Now	\$556,800	LIFE	* *	4	\$13,600	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Full Length Of Timber Sheet Pile Bulkhead							
		Explanation : Non-functional Bulkhead							
	No Component	25%							
Backfill									
	Fill								
	Topsoil	75%	Now	\$156,200	2066	* *			
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Full Length Of Timber Sheet Pile Bulkhead							
	Not Accessible	25%							
Surface									
	Gravel	25%			2035	* *	2-5	\$700	
	Gravel	75%	Now	\$63,100	2041	* *	2-5	\$1,400	
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Full Length Of Timber Sheet Pile Bulkhead							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$304,300	
<b>Total</b>	<b>\$304,300</b>	
Importance Code A	\$304,300	
<b>Total</b>	<b>\$304,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$30,200			
<b>Total</b>	<b>\$30,200</b>			
Importance Code A				
Importance Code B	\$30,200			
<b>Total</b>	<b>\$30,200</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

## TIMBER CRIBBING

Asset # : 13938

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Timber Crib w/Stone	100%	Now	\$304,300	LIFE	* *	4	\$3,600	1
		Broken, Extent : Severe, Area Affected : 85%							
		Location : Failed And Collapsed Throughout							
Backfill									
	Fill								
	Gravel	15%			2035	* *	5		
	Topsoil	85%	Now	\$22,800	2066	* *			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fill Loss							
Surface									
	Asphalt	15%	Now	\$1,700	2041	* *	5	\$100	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
	Topsoil	85%	Now	\$5,700	2026	\$5,700	5	\$200	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fill Loss							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$149,000	
<b>Total</b>	<b>\$149,000</b>	
Importance Code A	\$149,000	
<b>Total</b>	<b>\$149,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$200			
<b>Total</b>	<b>\$200</b>			
Importance Code A				
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 &amp; RECREATION - 846

## TIMBER CRIBBING

Asset # : 13939

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall								
	Timber Crib w/Stone	100%	Now	\$149,000	LIFE	* *	4	\$3,000	
		Worn, Extent : Severe, Area Affected : 100%							
		Location : Deteriorated Throughout							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Topsoil	100%			2024	\$5,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$198,200	\$3,889,400
<b>Total</b>	<b>\$198,200</b>	<b>\$3,889,400</b>
Importance Code B	\$53,300	\$3,889,400
Importance Code C	\$144,900	
<b>Total</b>	<b>\$198,200</b>	<b>\$3,889,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$18,500	\$6,100		
<b>Total</b>	<b>\$18,500</b>	<b>\$6,100</b>		
Importance Code A				
Importance Code B	\$18,500	\$6,100		
Importance Code C				
<b>Total</b>	<b>\$18,500</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**  
**TRIBUTE AND BEACH CHANNEL PARKS REVETMENT AND SEAWALL**  
**Asset # : 758**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Gravity Wall Concrete	30%			LIFE	**	5	\$4,800	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : From B 125th To B 129th Streets							
	No Component	70%							
Revetment									
	Stone	5%	4+	\$144,900	LIFE	**	5	\$1,200	
		Other Observation, Extent : Light, Area Affected : 100% Location : Tribute Park Explanation : Riprap Needs Replenishment							
	Stone	25%			LIFE	**	5	\$5,900	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : From B 125th To B 129th Street							
	No Component	70%							
Sheet Piles									
	Steel w/Concrete	5%			LIFE	**			
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : At B 130th Street							
	No Component	30%							
	Not Accessible	5%							
	Under Construction	60%							
Backfill									
	Fill								
	Not Accessible	100%							
Surface									
	Asphalt	20%			2035	**	5	\$9,000	
		Cracking, Extent : Light, Area Affected : 30% Location : Throughout Walkway B 117th To B 123rd Street							
	Asphalt	15%	0-2	\$53,300	2041	**	5	\$3,400	
		Settlement, Extent : Moderate, Area Affected : 70% Location : Throughout Walkways And Roadways From B 117th To B 125th Streets							
	Brick Pavers	2%			2048	**	5	\$900	
	Concrete	7%			2035	**	5	\$3,200	
		Cracking, Extent : Light, Area Affected : 5% Location : Throughout From B 123rd To B 125th Streets							
	Topsoil	1%	Now	\$2,100	2026	\$2,100	5	\$100	
		Settlement, Extent : Severe, Area Affected : 100% Location : Sinkhole Between B 128th And B 129th Streets							
	Topsoil	55%			2024	\$116,800	5	\$10,100	
Deck Elements									
	Railing								
	Steel	99%			2025	\$3,732,800			
	Steel	1%	Now	\$11,300	2025	\$37,700			
		Broken, Extent : Moderate, Area Affected : 100% Location : At 7 Locations Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$41,000	
<b>Total</b>	<b>\$41,000</b>	
Importance Code C	\$41,000	
<b>Total</b>	<b>\$41,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$3,400		\$700	
<b>Total</b>	<b>\$3,400</b>		<b>\$700</b>	
Importance Code B	\$1,500		\$700	
Importance Code C	\$1,900			
<b>Total</b>	<b>\$3,400</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**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural									
	Revetment								
	Stone	15%	Now	\$41,000	LIFE	* *	5	\$300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Northern 50 Feet - Adjacent To Access Behind Boatyard At End Of Ellsworth Street							
		Explanation : Insufficient Stone Allowing Overtopping And Loss Of Fill							
	Stone	85%			LIFE	* *	5	\$3,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Non-graded, Non-engineered Large Stone Revetment							
Backfill									
	Fill								
	Not Accessible	100%							
	Surface								
	Topsoil	85%			2026	\$17,000	5	\$1,500	
	Topsoil	15%	Now	\$1,500	2028	\$3,000	5	\$100	
		Erosion, Extent : Moderate, Area Affected : 100%							
		Location : North End And Isolated Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : 175 Feet From North Boundary							
		Explanation : Concrete Outfall Retaining Wall With Minor Spalls In Corners							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : WEST SHORE BULKHEAD/SEAWALL  
**Address** : RANDALLS ISLAND / ICAHN STADIUM ISLAND TO FERRY BARGE  
**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** : 20-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$214,300	\$139,200
<b>Total</b>	<b>\$214,300</b>	<b>\$139,200</b>
Importance Code A	\$214,300	\$81,600
Importance Code B		\$57,600
<b>Total</b>	<b>\$214,300</b>	<b>\$139,200</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$28,800			
<b>Total</b>	<b>\$28,800</b>			
Importance Code B	\$28,800			
<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**  
**WEST SHORE BULKHEAD/SEAWALL**  
**Asset # : 13865**

Bulkheads		Current Repair		Future Replacement		Maintenance				
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural	Gravity Wall									
	Stone	5%	Now	\$160,800	LIFE	**	5	\$4,500		
		Other Observation, Extent : Severe, Area Affected : 100%								
		Location : 186 Feet; 210 - 250 Feet; 275 - 300 Feet (From East End Along Parking Lot)								
		Explanation : Collapse/ Partial Collapse								
	Stone	5%	4+	\$53,600	LIFE	**	5	\$4,500		
		Displaced Elements, Extent : Moderate, Area Affected : 20%								
		Location : 760 Feet; 800 Feet - 850 Feet From East								
		Other Observation, Extent : Moderate, Area Affected : 10%								
		Location : Stations 4+50 And 5+50 To 5+85 (From East End)								
	Explanation : Displaced Blocks At Trees Growing Through Wall									
Stone		80%			LIFE	**	5	\$72,500		
	Not Accessible	10%								
		Other Observation, Extent : Light, Area Affected : 0%								
		Location :								
		Explanation : At Foot Of Pedestrian Bridge								
Backfill	Fill									
	Topsoil	10%	Now	\$23,000	2065	**				
		Sinkhole, Extent : Moderate, Area Affected : 50%								
		Location : Localized Areas Throughout								
		Other Observation, Extent : Moderate, Area Affected : 70%								
		Location : 186 Feet; 210 - 250 Feet; 275 - 300 Feet (From East End Along Parking Lot)								
		Explanation : Fill Loss At Partial Collapse Locations								
	Not Accessible	90%								
	Surface	Topsoil	10%	Now	\$5,800	2025	\$5,800	5	\$300	
			Erosion, Extent : Moderate, Area Affected : 30%							
		Location : Localized Areas Throughout								
		Other Observation, Extent : Severe, Area Affected : 70%								
		Location : 186 Feet; 210 - 250 Feet; 275 - 300 Feet (From East End Along Parking Lot)								
		Explanation : Fill Loss At Partial Collapse Locations								
	Topsoil	90%			2023	\$51,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Bulkheads	\$1,709,000	\$306,100
<b>Total</b>	<b>\$1,709,000</b>	<b>\$306,100</b>
Importance Code A	\$1,594,900	\$220,400
Importance Code B	\$114,100	\$85,700
<b>Total</b>	<b>\$1,709,000</b>	<b>\$306,100</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Bulkheads	\$17,400			
<b>Total</b>	<b>\$17,400</b>			
Importance Code B	\$17,400			
<b>Total</b>	<b>\$17,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail 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>									
	Gravity Wall								
	Stone	20%	Now	\$1,594,900	LIFE	* *	5	\$45,000	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : 1660 - 2110 Feet; 2180 - 2225 Feet; And 2616 - 2640 Feet North Of The Start Of The Asset At The South</i> <i>Explanation : Partial Collapse Of Top Half Of Wall</i>							
	Stone	78%			LIFE	* *	5	\$175,400	
	No Component	2%							
<b>Backfill</b>									
	Fill								
	Topsoil	20%	Now	\$114,100	2065	* *			
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : 1660 - 2110 Feet; 2180 - 2225 Feet; And 2616 - 2640 Feet North Of The Start Of The Asset At The South</i> <i>Explanation : Fill Loss At Partially Collapse Sections</i>							
	Not Accessible	80%							
<b>Surface</b>									
	Stone	40%			2038	* *	10		
	Topsoil	10%	Now	\$14,300	2025	\$14,300	5	\$600	
		<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 : 1660 - 2110 Feet; 2180 - 2225 Feet; And 2616 - 2640 Feet North Of The Start Of The Asset At The South</i> <i>Explanation : Fill Loss At Partial Collapse Locations</i>							
	Topsoil	50%			2024	\$71,400	5	\$6,200	

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$254,800	\$98,000
<b>Total</b>	<b>\$254,800</b>	<b>\$98,000</b>
Importance Code A	\$215,300	\$54,700
Importance Code B		\$43,400
Importance Code C	\$39,500	
<b>Total</b>	<b>\$254,800</b>	<b>\$98,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$39,100			
<b>Total</b>	<b>\$39,100</b>			
Importance Code B	\$39,100			
Importance Code C				
<b>Total</b>	<b>\$39,100</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**  
**WEST SHORE GRAVITY WALL**  
**Asset # : 13862**

<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>									
	Gravity Wall								
	Stone	40%			LIFE	* *	5	\$36,400	
	Stone	20%	4+	\$215,300	LIFE	* *	5	\$18,200	
	<i>Displaced Elements, Extent : Moderate, Area Affected : 50%</i>								
	<i>Location : Starting 825 Feet North Of Start Of Asset And Extending To North End Of Asset.</i>								
	<i>Start Of Asset At Pedestrian Bridge.</i>								
	No Component	40%							
	Revetment								
	Stone	5%	4+	\$39,500	LIFE	* *	5	\$300	
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
	<i>Location : From 400 Feet To 430 Feet North Of Start Of Asset At Ped. Bridge</i>								
	<i>Explanation : Inadequate Stone Armor And Steep Slope</i>								
	Stone	30%			LIFE	* *	5	\$1,900	
	No Component	65%							
<b>Backfill</b>									
	Fill								
	Topsoil	25%	Now	\$23,100	2060	* *			
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
	<i>Location : At 55Ft-125Ft; 155Ft-190Ft; 225Ft-245Ft; And 825Ft To End Of Asset At The North.</i>								
	<i>Explanation : Erosion And Sinkholes</i>								
	Not Accessible	75%							
	Surface								
	Concrete	25%			2034	* *	5	\$3,100	
	Topsoil	50%			2023	\$28,900	5	\$2,500	
	Topsoil	25%	Now	\$14,500	2025	\$14,500	5	\$600	
	<i>Erosion, Extent : Moderate, Area Affected : 50%</i>								
	<i>Location : At 55Ft-125Ft; 155Ft-190Ft; 225Ft-245Ft; And 825Ft To End Of Asset At 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 2,460 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 19-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Bulkheads	\$492,800	\$326,300
<b>Total</b>	<b>\$492,800</b>	<b>\$326,300</b>
Importance Code A	\$492,800	\$193,900
Importance Code B		\$132,400
<b>Total</b>	<b>\$492,800</b>	<b>\$326,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Bulkheads	\$46,300			
<b>Total</b>	<b>\$46,300</b>			
Importance Code B	\$46,300			
Importance Code C				
<b>Total</b>	<b>\$46,300</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 RANDALLS ISLAND GRAVITY WALL**  
**Asset # : 13863**

Bulkheads		Current Repair			Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural	Gravity Wall Stone	5%	4+	\$123,200	LIFE	* *	5	\$10,400		
		Displaced Elements, Extent : Moderate, Area Affected : 40%								
		Location : Sta 0+00 To 3+00 And North Of Sta 8+00								
		Other Observation, Extent : Moderate, Area Affected : 20%								
		Location : Sta 0+00 To 3+00 And North Of Sta 8+00								
	Stone	83%			LIFE	* *	5	\$173,000		
		5%	Now	\$369,600	LIFE	* *	5	\$10,400		
		Other Observation, Extent : Severe, Area Affected : 100%								
		Location : Isolated At Northern 150 Feet, 775-820 Feet; 990-1020 Feet; And 2340-2460 Feet South Of Northern Start Location								
		Explanation : Partial Collapse								
No Component	7%									
Revetment	Stone	7%			LIFE	* *	5	\$1,000		
		Settlement, Extent : Light, Area Affected : 10%								
	No Component	93%								
Backfill	Fill	Topsoil	10%	Now	\$26,400	2065	* *			
			Other Observation, Extent : Severe, Area Affected : 25%							
			Location : At 0 - 300 Feet; 590 - 820 Feet; 990 - 1020 Feet; And Isolated South To End Of Asset							
			Explanation : Erosion And Sinkholes							
	No Accessible	90%								
Surface	Topsoil	30%	Now	\$15,900	2024	\$39,700	5	\$1,700		
		Erosion, Extent : Moderate, Area Affected : 50%								
	Topsoil	70%			2024	\$92,700	5	\$8,100		
Location : Isolated Between 590 Feet And The End Of The Asset. Light Undermining Of Walkway At 725 Feet South Of Asset Start										

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$74,300	
<b>Total</b>	<b>\$74,300</b>	
Importance Code A	\$74,300	
<b>Total</b>	<b>\$74,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$18,800			
<b>Total</b>	<b>\$18,800</b>			
Importance Code A	\$8,300			
Importance Code B	\$10,500			
<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**  
**ASTORIA PARK RETAINING WALL**  
**Asset # : 14937**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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+	\$10,500	LIFE	* *	5		
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : At Fence Posts							
		Cracking/Crumbling, Extent : Light, Area Affected : 1%							
		Location : At Corners And At Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Light, Area Affected : 2%							
		Location : 255 Feet From Northwest Corner							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
Wall/Fence									
	Metal Fence	20%	4+	\$8,000	LIFE	* *	4-8	\$1,300	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Bent Top Rail North Side And South East Corner							
		Other Observation, Extent : Light, Area Affected : 1%							
		Location : At North East Corner							
		Explanation : Holes In Fence							
	Masonry:Granite	75%	4+	\$74,300	LIFE	* *	5	\$4,200	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : 170 Feet From North West Corner, 20 Feet From South Of North East Corner							
		Cracking/Crumbling, Extent : Light, Area Affected : 1%							
		Location : 255 Feet From North West Corner							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : 220 Feet Froom North West Corner, At North East Corner, And At South East Corner							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
	Masonry:Granite	5%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 08-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$649,800	
<b>Total</b>	<b>\$649,800</b>	
Importance Code A	\$528,200	
Importance Code B	\$121,600	
<b>Total</b>	<b>\$649,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$42,000			
<b>Total</b>	<b>\$42,000</b>			
Importance Code A	\$14,700			
Importance Code B	\$27,300			
<b>Total</b>	<b>\$42,000</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 # : 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)	
Wall								
	Coping							
	Masonry:Brownstone	95%	Now	\$10,100	LIFE	**	5	\$100
		Broken/Missing Elements, Extent : Severe, Area Affected : 2%						
		Location : Opposite Park Lane Hotel						
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%						
		Location : Throughout						
		Misaligned/Bulging, Extent : Severe, Area Affected : 20%						
		Location : Near Subway Entrance						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Green And Black Discoloration						
	Masonry:Granite	5%	Now	\$300	LIFE	**	5	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%						
		Location : Bolivar Plaza						
Wall/Fence								
	Masonry:Brownstone	70%	Now	\$410,800	LIFE	**	5	\$3,400
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%						
		Location : Throughout Both Sides						
		Misaligned/Bulging, Extent : Severe, Area Affected : 2%						
		Location : Opposite 40 Central Park South						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Green And Black Discoloration						
	Masonry:Granite	5%	Now	\$14,700	LIFE	**	5	\$400
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%						
		Location : Bolivar Plaza						
	Masonry:Schist/Gneiss	20%	Now	\$117,400	LIFE	**	5	\$1,500
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%						
		Location : Stone Course Adjacent To Sidewalk						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Stone Course Adjacent To Sidewalk						
		Explanation : This Component Is Actually Bluestone						
	Steel Grating	5%			2035	**		
		Other Observation, Extent : Moderate, Area Affected : 5%						
		Location : Eastern End on Park Side						
		Explanation : Subway Ventilation Openings						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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)	
Wall	Base							
	Concrete	5%	Now	\$16,900	LIFE	* *	5	
		Cracking/Crumbling, Extent : Severe, Area Affected : 25%						
		Location : At Subway Ventilation Openings, Park Side						
		Spalling, Extent : Severe, Area Affected : 25%						
		Location : At Subway Ventilation Openings, Park Side						
	Masonry:Schist/Gneiss	95%	Now	\$121,600	LIFE	* *	5	\$1,900
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$925,400	
<b>Total</b>	<b>\$925,400</b>	
Importance Code A	\$644,300	
Importance Code B	\$281,100	
<b>Total</b>	<b>\$925,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$24,600			
<b>Total</b>	<b>\$24,600</b>			
Importance Code A				
Importance Code B	\$24,600			
<b>Total</b>	<b>\$24,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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%	Now	\$24,600	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 : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration</i>					
Wall/Fence									
	Metal Fence	5%			LIFE	**	4-8	\$1,000	
	Masonry:Brownstone	95%	Now	\$644,300	LIFE	**	5	\$10,700	
				<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 : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>					
				<i>Location : South Of E.108 Street</i>					
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration</i>					
Base									
	Masonry:Granite	5%			LIFE	**	5	\$200	
				<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%	Now	\$281,100	LIFE	**	5	\$4,500	
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$569,500	
<b>Total</b>	<b>\$569,500</b>	
Importance Code A	\$396,500	
Importance Code B	\$173,000	
<b>Total</b>	<b>\$569,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$37,500			
<b>Total</b>	<b>\$37,500</b>			
Importance Code A	\$20,900			
Importance Code B	\$16,700			
<b>Total</b>	<b>\$37,500</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 # : 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)	
Wall								
	Coping							
	Masonry:Brownstone	100%	Now	\$7,600	LIFE	**	5	\$100
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%						
		Location : Opposite E. 101 Street						
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%						
		Location : Throughout						
		Other Observation, Extent : Moderate, Area Affected : 80%						
		Location : Throughout						
		Explanation : Green Algae And Black Discoloration						
Wall/Fence								
	Masonry:Brownstone	95%	Now	\$396,500	LIFE	**	5	\$3,300
		Cracking/Crumbling, Extent : Severe, Area Affected : 10%						
		Location : Opposite E. 102 Street						
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%						
		Location : Throughout						
		Misaligned/Bulging, Extent : Moderate, Area Affected : 2%						
		Location :						
		Other Observation, Extent : Moderate, Area Affected : 75%						
		Location : Throughout						
		Explanation : Green Algae And Black Discoloration						
	Masonry:Schist/Gneiss	5%	Now	\$20,900	LIFE	**	5	\$300
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						
Base								
	Masonry:Granite	5%	Now	\$9,100	LIFE	**	5	\$100
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						
	Masonry:Schist/Gneiss	95%	Now	\$173,000	LIFE	**	5	\$1,400
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%						
		Location : Throughout						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Opposite E. 101 Street						
		Explanation : Memorial Monument At E. 101 Street Excluded From This Survey						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$766,900	
<b>Total</b>	<b>\$766,900</b>	
Importance Code A	\$766,900	
<b>Total</b>	<b>\$766,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$29,600			
<b>Total</b>	<b>\$29,600</b>			
Importance Code A				
Importance Code B	\$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**  
**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)	
Wall	Coping							
	Masonry:Granite	100%	Now	\$29,600	LIFE	* *	5	\$200
		<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 75%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Green Algae And Black Discoloration</i>						
Wall/Fence	Masonry:Granite	70%	Now	\$447,400	LIFE	* *	5	\$11,700
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
	Masonry:Schist/Gneiss	25%	Now	\$319,500	LIFE	* *	5	\$4,200
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
	Rubble Stone	5%			LIFE	* *	5	\$700
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$455,300	
<b>Total</b>	<b>\$455,300</b>	
Importance Code A	\$455,300	
<b>Total</b>	<b>\$455,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$22,200			
<b>Total</b>	<b>\$22,200</b>			
Importance Code A				
Importance Code B	\$22,200			
<b>Total</b>	<b>\$22,200</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 # : 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)	
Wall								
	Coping							
	Masonry:Granite	100%	Now	\$22,200	LIFE	* *	5	\$200
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 80%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Green Algae And Black Discoloration</i>				
	Wall/Fence							
	Masonry:Granite	10%	Now	\$47,900	LIFE	* *	5	\$1,300
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
	Masonry:Schist/Gneiss	85%	Now	\$407,400	LIFE	* *	5	\$10,700
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
	Rubble Stone	5%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$135,400	
<b>Total</b>	<b>\$135,400</b>	
Importance Code A	\$85,600	
Importance Code B	\$49,800	
<b>Total</b>	<b>\$135,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$33,000			
<b>Total</b>	<b>\$33,000</b>			
Importance Code A	\$28,500			
Importance Code B	\$4,500			
<b>Total</b>	<b>\$33,000</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 # : 239**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Brownstone	75%	Now	\$3,100	LIFE	* *	5		
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : At 84th Street Entrance							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 10%							
		Location : At 84th Street Entrance							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green Algae And Black Discoloration							
	Masonry:Schist/Gneiss	25%	Now	\$1,300	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 75%							
		Location : Throughout							
		Staining/Scaling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Wall/Fence									
	Masonry:Brownstone	75%	Now	\$85,600	LIFE	* *	5	\$700	
		Cracking/Crumbling, Extent : Light, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 75%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : Near 85th Street Entrance							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green Algae And Black Discoloration							
	Masonry:Schist/Gneiss	25%	Now	\$28,500	LIFE	* *	5	\$400	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Stone Course Adjacent To Sidewalk							
		Explanation : This Component Is Actually Bluestone.							
Base									
	Masonry:Schist/Gneiss	100%	Now	\$49,800	LIFE	* *	5	\$400	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Park Side							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,325,800	
<b>Total</b>	<b>\$1,325,800</b>	
Importance Code A	\$974,500	
Importance Code B	\$351,400	
<b>Total</b>	<b>\$1,325,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$60,900			
<b>Total</b>	<b>\$60,900</b>			
Importance Code A	\$32,200			
Importance Code B	\$28,700			
<b>Total</b>	<b>\$60,900</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 # : 240**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Brownstone	95%	Now	\$27,700	LIFE	**	5	\$300	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : Near 75th Street							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green Algae And Black Discoloration							
	Masonry:Granite	5%	Now	\$900	LIFE	**	5		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
		Location : At 72 Street Entrance							
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : At 72 Street Entrance							
Wall/Fence									
	Masonry:Brownstone	75%	Now	\$604,000	LIFE	**	5	\$10,000	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Both Sides							
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : Opposite 955 Fifth Avenue, Near 75th Street							
		Staining/Scaling, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Masonry:Granite	2%	Now	\$32,200	LIFE	**	5	\$400	
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : At 72 Street Entrance							
	Masonry:Schist/Gneiss	23%	Now	\$370,500	LIFE	**	5	\$4,800	
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Stone Course Adjacent To Sidewalk							
		Explanation : This Material Is Actually Bluestone.							
Base									
	Masonry:Schist/Gneiss	100%	Now	\$351,400	LIFE	**	5	\$5,600	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Wall Facing Park							
		Spalling, Extent : Moderate, Area Affected : 25%							
		Location : Park Side							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,217,600	
<b>Total</b>	<b>\$1,217,600</b>	
Importance Code A	\$847,700	
Importance Code B	\$369,800	
<b>Total</b>	<b>\$1,217,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$30,700			
<b>Total</b>	<b>\$30,700</b>			
Importance Code A				
Importance Code B	\$30,700			
<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**  
**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%	Now	\$30,700	LIFE	* *	5	\$300	
				Broken/Missing Elements, Extent : Severe, Area Affected : 5%					
				Location : Subway Entrance, Near East 63 Street					
				Cracking/Crumbling, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
				Misaligned/Bulging, Extent : Severe, Area Affected : 5%					
				Location : Corner Of 60th Street And Fifth Avenue					
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Explanation : Green Algae And Black Discoloration					
Wall/Fence	Masonry:Brownstone	75%	Now	\$635,800	LIFE	* *	5	\$10,600	
				Cracking/Crumbling, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : Throughout Both Sides					
				Misaligned/Bulging, Extent : Severe, Area Affected : 5%					
				Location : Opposite 905 Fifth Avenue, Entrance Near 67th Street					
				Spalling, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Throughout					
				Explanation : Green Algae And Black Discoloration					
	Masonry:Schist/Gneiss	25%	Now	\$211,900	LIFE	* *	5	\$5,500	
				Cracking/Crumbling, Extent : Moderate, Area Affected : 25%					
				Location : Stone Course Adjacent To Sidewalk					
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Stone Course Adjacent To Sidewalk					
				Explanation : This Material Is Actually Bluestone					
Base	Masonry:Schist/Gneiss	100%	Now	\$369,800	LIFE	* *	5	\$5,900	
				Cracking/Crumbling, Extent : Moderate, Area Affected : 20%					
				Location : Park Side					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%					
				Location : Wall Facing Park					
				Vegetation Growth, Extent : Moderate, Area Affected : 20%					
				Location : Wall Facing Park					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 3,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$207,600	
<b>Total</b>	<b>\$207,600</b>	
Importance Code A	\$122,300	
Importance Code B	\$85,300	
<b>Total</b>	<b>\$207,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,800			
<b>Total</b>	<b>\$1,800</b>			
Importance Code A				
Importance Code B	\$1,800			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Brownstone	100%	Now	\$1,800	LIFE	* *	5	
		<i>Cracking/Crumbling, 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>						
	Wall/Fence							
	Masonry:Brownstone	75%	Now	\$73,400	LIFE	* *	5	\$1,200
		<i>Cracking/Crumbling, 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>						
	Masonry:Schist/Gneiss	25%	Now	\$48,900	LIFE	* *	5	\$600
		<i>Spalling, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Moderate, 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	\$85,300	LIFE	* *	5	\$700
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 22-Oct-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$609,800	
<b>Total</b>	<b>\$609,800</b>	
Importance Code A	\$609,800	
<b>Total</b>	<b>\$609,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,100			
<b>Total</b>	<b>\$11,100</b>			
Importance Code A				
Importance Code B	\$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**  
**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)	
Wall								
	Coping							
	Masonry:Brownstone	100%	Now	\$11,100	LIFE	* *	5	\$100
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%</i>				
				<i>Location : Throughout</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Green And Black Discoloration</i>				
Wall/Fence								
	Masonry:Brownstone	100%	Now	\$609,800	LIFE	* *	5	\$5,100
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>				
				<i>Location : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$714,900	
<b>Total</b>	<b>\$714,900</b>	
Importance Code A	\$586,900	
Importance Code B	\$128,000	
<b>Total</b>	<b>\$714,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,600			
<b>Total</b>	<b>\$10,600</b>			
Importance Code A				
Importance Code B	\$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**  
**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	100%	Now	\$10,600	LIFE	* *	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Wall/Fence								
Masonry:Brownstone	100%	Now	\$586,900	LIFE	* *	5	\$4,900	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Green And Black Discoloration</i>								
Base								
Masonry:Schist/Gneiss	100%	Now	\$128,000	LIFE	* *	5	\$2,000	
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 13-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$675,200	
<b>Total</b>	<b>\$675,200</b>	
Importance Code A	\$554,300	
Importance Code B	\$120,900	
<b>Total</b>	<b>\$675,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,100			
<b>Total</b>	<b>\$10,100</b>			
Importance Code A				
Importance Code B	\$10,100			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Brownstone	100%	Now	\$10,100	LIFE	* *	5	\$100
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 75%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Green And Black Discoloration</i>				
	Wall/Fence							
	Masonry:Brownstone	100%	Now	\$554,300	LIFE	* *	5	\$4,600
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 75%</i>				
				<i>Location : Throughout</i>				
				<i>Vegetation Growth, 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 : Green And Black Discoloration</i>				
	Base							
	Masonry:Schist/Gneiss	100%	Now	\$120,900	LIFE	* *	5	\$1,900
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 20%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 22-Oct-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,157,900	
<b>Total</b>	<b>\$1,157,900</b>	
Importance Code A	\$858,300	
Importance Code B	\$299,600	
<b>Total</b>	<b>\$1,157,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$26,300			
<b>Total</b>	<b>\$26,300</b>			
Importance Code A				
Importance Code B	\$26,300			
<b>Total</b>	<b>\$26,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1064**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Brownstone	80%	Now	\$19,900	LIFE	* *	5	\$200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : At Rock Outcropping Opposite West 82 And 83 Streets							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green And Black Discoloration							
	Masonry:Schist/Gneiss	20%	Now	\$6,400	LIFE	* *	5		
		Broken/Missing Elements, Extent : Severe, Area Affected : 5%							
		Location : At 82 Street							
Wall/Fence									
	Masonry:Brownstone	75%	Now	\$515,000	LIFE	* *	5	\$8,600	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Both Sides							
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%							
		Location : At Rock Outcropping Opposite West 82 And 83 Streets							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green And Black Discoloration With Some Vegetation Growth							
	Masonry:Schist/Gneiss	25%	Now	\$343,300	LIFE	* *	5	\$4,500	
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : At 82 Street							
Base									
	Masonry:Schist/Gneiss	100%	Now	\$299,600	LIFE	* *	5	\$4,800	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 25%							
		Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 14-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,134,000	
<b>Total</b>	<b>\$1,134,000</b>	
Importance Code A	\$801,100	
Importance Code B	\$332,900	
<b>Total</b>	<b>\$1,134,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$27,700			
<b>Total</b>	<b>\$27,700</b>			
Importance Code A				
Importance Code B	\$27,700			
<b>Total</b>	<b>\$27,700</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 # : 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)	
Wall	Coping							
	Masonry:Brownstone	100%	Now	\$27,700	LIFE	* *	5	\$300
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Throughout</i>				
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 70%</i>				
				<i>Location : Throughout</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : North Of West 90 Street</i>				
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Throughout</i>				
				<i>Explanation : Green And Black Discoloration</i>				
Wall/Fence	Masonry:Brownstone	95%	Now	\$724,800	LIFE	* *	5	\$12,100
				<i>Jnt Mortar Miss/Erod, 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 : Green And Black Discoloration</i>				
	Masonry:Granite	5%	Now	\$76,300	LIFE	* *	5	\$1,000
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
Base	Masonry:Schist/Gneiss	100%	Now	\$332,900	LIFE	* *	5	\$5,300
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
				<i>Other Observation, Extent : Light, Area Affected : 25%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 6,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$409,000	
<b>Total</b>	<b>\$409,000</b>	
Importance Code A	\$409,000	
<b>Total</b>	<b>\$409,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$8,400			
<b>Total</b>	<b>\$8,400</b>			
Importance Code A	\$800			
Importance Code B	\$7,600			
<b>Total</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**  
**CENTRAL PARK PERIMETER WALL**  
**Asset # : 1076**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Brownstone	98%	Now	\$7,400	LIFE	* *	5	\$100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Loose/Delam Surface, Extent : Moderate, Area Affected : 2%							
		Location : Opposite 150 Central Park South							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : About 150 Feet From West Drive							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green And Black Discoloration							
	Masonry:Granite	2%	Now	\$200	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : At Artists Gate							
Wall/Fence									
	Masonry:Brownstone	73%	Now	\$304,700	LIFE	* *	5	\$2,500	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Park Side, Opposite 116 - 120 Central Park South							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Both Sides							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : Green And Black Discoloration							
	Masonry:Granite	2%	Now	\$800	LIFE	* *	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : At Artists Gate							
	Masonry:Schist/Gneiss	25%	Now	\$104,300	LIFE	* *	5	\$1,400	
		Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 25%							
		Location : Stone Course Adjacent To Sidewalk							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Stone Course Adjacent To Sidewalk							
		Explanation : This Component Is Actually Bluestone.							
Base									
	Masonry:Granite	2%			LIFE	* *	5		
	Masonry:Schist/Gneiss	98%			LIFE	* *	5	\$1,400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 5,400 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 08-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$505,800	
<b>Total</b>	<b>\$505,800</b>	
Importance Code A	\$352,100	
Importance Code B	\$153,600	
<b>Total</b>	<b>\$505,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,400			
<b>Total</b>	<b>\$6,400</b>			
Importance Code A				
Importance Code B	\$6,400			
<b>Total</b>	<b>\$6,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific 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%	Now	\$6,400	LIFE	* *	5	\$100	
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>					
				<i>Location : Opposite 200-210 Central Park South, Throughout</i>					
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Loose/Delam Surface, Extent : Light, Area Affected : 10%</i>					
				<i>Location : Opposite 210 - 220 Central Park South</i>					
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration</i>					
Wall/Fence									
	Masonry:Brownstone	80%	Now	\$281,700	LIFE	* *	5	\$2,300	
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
				<i>Location : Throughout Both Sides</i>					
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration</i>					
	Masonry:Schist/Gneiss	20%	Now	\$70,400	LIFE	* *	5	\$900	
				<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 : Stone Course Adjacent To Sidewalk</i>					
				<i>Explanation : This Component Is Acully Bluestone.</i>					
Base									
	Masonry:Schist/Gneiss	100%	Now	\$153,600	LIFE	* *	5	\$1,200	
				<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 08-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,241,000	
<b>Total</b>	<b>\$1,241,000</b>	
Importance Code A	\$864,100	
Importance Code B	\$377,000	
<b>Total</b>	<b>\$1,241,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$31,300			
<b>Total</b>	<b>\$31,300</b>			
Importance Code A				
Importance Code B	\$31,300			
<b>Total</b>	<b>\$31,300</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 # : 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%	Now	\$31,300	LIFE	**	5	\$300	
				<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>					
				<i>Location : Throughout</i>					
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration</i>					
Wall/Fence									
	Masonry:Brownstone	80%	Now	\$691,200	LIFE	**	5	\$11,500	
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>					
				<i>Location : Throughout</i>					
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration</i>					
	Masonry:Schist/Gneiss	20%	Now	\$172,800	LIFE	**	5	\$4,500	
				<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 : Stone Course Adjacent To Sidewalk</i>					
				<i>Explanation : This Component Is Actually Bluestone.</i>					
Base									
	Masonry:Schist/Gneiss	100%	Now	\$377,000	LIFE	**	5	\$6,000	
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>					
				<i>Location : Park Side</i>					
				<i>Vegetation Growth, 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 08-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,166,800	
<b>Total</b>	<b>\$1,166,800</b>	
Importance Code A	\$824,900	
Importance Code B	\$341,900	
<b>Total</b>	<b>\$1,166,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$29,700			
<b>Total</b>	<b>\$29,700</b>			
Importance Code A				
Importance Code B	\$29,700			
<b>Total</b>	<b>\$29,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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)	
Wall								
	Coping							
	Masonry:Brownstone	98%	Now	\$29,300	LIFE	**	5	\$300
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%						
		Location : Throughout						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Green And Black Discoloration						
	Masonry:Granite	2%	Now	\$400	LIFE	**	5	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%						
		Location : Throughout At W.77 - W.78 Street						
Wall/Fence								
	Masonry:Brownstone	80%	Now	\$659,900	LIFE	**	5	\$11,000
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%						
		Location : Throughout						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Green And Black Discoloration With Some Vegetation Growth						
	Masonry:Schist/Gneiss	20%	Now	\$165,000	LIFE	**	5	\$4,300
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%						
		Location : Throughout						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Stone Course Adjacent To Sidewalk						
		Explanation : This Material Is Actually Bluestone.						
Base								
	Concrete	5%			LIFE	**	5	\$100
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Park Side of Wall						
		Explanation : Subway Ventilation Openings						
	Masonry:Schist/Gneiss	95%	Now	\$341,900	LIFE	**	5	\$5,500
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%						
		Location : Park Side						
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%						
		Location : Throughout						
		Vegetation Growth, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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.W96 / 1080 **Yr Built/Renovated** : 1873 /  
**Area Sq Ft** : 6,900 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 14-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$623,800	
<b>Total</b>	<b>\$623,800</b>	
Importance Code A	\$427,500	
Importance Code B	\$196,300	
<b>Total</b>	<b>\$623,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$33,400			
<b>Total</b>	<b>\$33,400</b>			
Importance Code A	\$22,500			
Importance Code B	\$10,900			
<b>Total</b>	<b>\$33,400</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 # : 1080**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Brownstone	5%	Now	\$1,000	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Masonry:Granite	95%	Now	\$9,900	LIFE	* *	5	\$100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Wall/Fence									
	Masonry:Granite	5%	Now	\$22,500	LIFE	* *	5	\$300	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Throughout Both Sides							
	Masonry:Schist/Gneiss	95%	Now	\$427,500	LIFE	* *	5	\$5,600	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout Both Sides							
Base									
	Masonry:Schist/Gneiss	100%	Now	\$196,300	LIFE	* *	5	\$1,600	
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 25%							
		Location : Stone Joints							
		Explanation : Vegetation Growth							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 14-Nov-2013 **Landmark Status** : SCENIC LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$875,600	
<b>Total</b>	<b>\$875,600</b>	
Importance Code A	\$805,400	
Importance Code B	\$70,300	
<b>Total</b>	<b>\$875,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$29,200			
<b>Total</b>	<b>\$29,200</b>			
Importance Code A				
Importance Code B	\$29,200			
<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**  
**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%	Now	\$29,200	LIFE	**	5	\$300	
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>					
				<i>Location : Throughout</i>					
				<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 75%</i>					
				<i>Location : Throughout</i>					
				<i>Other Observation, Extent : Light, Area Affected : 75%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Green And Black Discoloration And Some Vegetation Growth</i>					
Wall/Fence									
	Masonry:Brownstone	100%	Now	\$805,400	LIFE	**	5	\$13,400	
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>					
				<i>Location : Throughout</i>					
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
				<i>Location : North Of West 107 And 108 Streets</i>					
				<i>Vegetation Growth, Extent : Moderate, Area Affected : 75%</i>					
				<i>Location : Green And Black Discoloration Throughout</i>					
Base									
	Concrete	5%			LIFE	**	5	\$100	
	Masonry:Schist/Gneiss	10%	Now	\$70,300	LIFE	**	5	\$600	
				<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 70%</i>					
				<i>Location : Throughout</i>					
				<i>Other Observation, Extent : Light, Area Affected : 25%</i>					
				<i>Location : Throughout</i>					
				<i>Explanation : Vegetation Growth</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$65,100	
<b>Total</b>	<b>\$65,100</b>	
Importance Code A	\$65,100	
<b>Total</b>	<b>\$65,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$24,800			
<b>Total</b>	<b>\$24,800</b>			
Importance Code A	\$400			
Importance Code B	\$24,400			
<b>Total</b>	<b>\$24,800</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**  
**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	\$21,200	LIFE	* *	5	\$300	
		Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
		Location : Random Locations Throughout The Wall.							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
		Location : Random Locations Throughout The Wall.							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : Mostly On The North End Of The Wall.							
	Rubble Stone	20%	2-4	\$3,200	LIFE	* *	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout.							
		Vegetation Growth, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout.							
Wall/Fence	Masonry:Granite	2%	2-4	\$400	LIFE	* *	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : North End Of The Wall.							
	Rubble Stone	70%	2-4	\$65,100	LIFE	* *	5	\$1,600	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 1%							
		Location : North End Of The Wall.							
		Cracks-Diagonal, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
		Cracks-Horizontal, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
		Spalling, Extent : Moderate, Area Affected : 5%							
		Location : Concrete Finish At The East Face Of The Wall.							
		Vegetation Growth, Extent : Moderate, Area Affected : 2%							
		Location : Random Locations Throughout The Wall.							
		Cracks-Vertical, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
		Other Observation, Extent : Light, Area Affected : 95%							
		Location : East Face Of The Wall.							
		Explanation : East Face Of The Wall Has Concrete Finish.							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,100			
<b>Total</b>	<b>\$6,100</b>			
Importance Code A	\$4,800			
Importance Code B	\$1,200			
<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**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**  
**Asset # : 14588**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	4+	\$1,200	LIFE		* *		
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Near The South End Of The Wall.							
		Cracks-Diagonal, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout.							
Wall/Fence	Masonry:Schist/Gneiss	100%	4+	\$4,800	LIFE		* *	5	\$700
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Near The South End Of The Wall.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
Base	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall								
	Coping							
	Rubble Stone	80%	4+	\$5,200	LIFE	* *	5	\$600
		Broken/Missing Elements, Extent : Light, Area Affected : 1%						
		Location : Random Locations Throughout.						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout.						
	Rubble Stone	20%			LIFE	* *	5	\$200
Wall/Fence								
	Rubble Stone	100%	4+	\$45,200	LIFE	* *	5	\$5,600
		Broken/Missing Elements, Extent : Light, Area Affected : 1%						
		Location : Random Locations Throughout.						
		Efflorescence, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout.						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout.						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$54,100	
<b>Total</b>	<b>\$54,100</b>	
Importance Code A	\$54,100	
<b>Total</b>	<b>\$54,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,000			
<b>Total</b>	<b>\$4,000</b>			
Importance Code A				
Importance Code B	\$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**  
**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)	
Wall								
	Coping							
	Rubble Stone	100%	4+	\$4,000	LIFE	**	5	\$200
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout.						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout.						
		Loose Elements, Extent : Light, Area Affected : 1%						
		Location : Random Locations Throughout.						
	Wall/Fence							
	Rubble Stone	95%	4+	\$33,100	LIFE	**	5	\$1,600
		Broken/Missing Elements, Extent : Moderate, Area Affected : 3%						
		Location : Random Locations Throughout.						
		Cracking/Crumbling, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout.						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 3%						
		Location : Random Locations Throughout.						
		Misaligned/Bulging, Extent : Light, Area Affected : 1%						
		Location : At The North End Of The Wall						
	Rubble Stone	5%	Now	\$20,900	LIFE	**	5	\$100
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%						
		Location : At The North End Of The Wall.						
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%						
		Location : At The North End Of The Wall						
		Loose Elements, Extent : Moderate, Area Affected : 25%						
		Location : At The North End Of The Wall.						
	Base							
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,900			
<b>Total</b>	<b>\$21,900</b>			
Importance Code A	\$19,100			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$21,900</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 # : 14591**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Rubble Stone	90%	4+	\$1,700	LIFE	* *	5	\$200	
		Broken/Missing Elements, Extent : Light, Area Affected : 1% Location : Random Locations Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2% Location : Random Locations Throughout.							
	Rubble Stone	10%	0-2	\$1,100	LIFE	* *	5		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30% Location : At The South End Of The Wall.							
Wall/Fence									
	Rubble Stone	98%	4+	\$12,700	LIFE	* *	5	\$1,600	
		Broken/Missing Elements, Extent : Light, Area Affected : 1% Location : Random Locations Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2% Location : Random Locations Throughout.							
	Rubble Stone	2%	Now	\$6,500	LIFE	* *	5		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20% Location : At The South End Of The Wall							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20% Location : Random Locations Throughout.							
		Loose Elements, Extent : Moderate, Area Affected : 20% Location : Random Locations Throughout.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,500			
<b>Total</b>	<b>\$7,500</b>			
Importance Code A	\$5,800			
Importance Code B	\$1,700			
<b>Total</b>	<b>\$7,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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)	
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+	\$5,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$41,800	
<b>Total</b>	<b>\$41,800</b>	
Importance Code A	\$41,800	
<b>Total</b>	<b>\$41,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,800			
<b>Total</b>	<b>\$4,800</b>			
Importance Code A				
Importance Code B	\$4,800			
<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**  
**CLAREMONT PARK RETAINING/PERIMETER WALL**

**Asset # : 14593**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	1%			LIFE	**			
	Rubble Stone	55%	4+	\$2,700	LIFE	**	5	\$200	
		Broken/Missing Elements, Extent : Light, Area Affected : 3%							
		Location : Random Locations Throughout.							
		Loose Elements, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
	Rubble Stone	44%	0-2	\$2,100	LIFE	**	5	\$100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : At The East End Of The Wall.							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout.							
		Loose Elements, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout.							
		Misaligned/Bulging, Extent : Light, Area Affected : 15%							
		Location : At The East End Of The Wall.							
Wall/Fence									
	Concrete	1%			LIFE	**	5		
	Rubble Stone	94%	4+	\$16,100	LIFE	**	5	\$2,000	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
	Rubble Stone	5%	2-4	\$25,700	LIFE	**	5	\$100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : At The East End Of The Wall.							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout.							
		Loose Elements, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout.							
		Misaligned/Bulging, Extent : Light, Area Affected : 10%							
		Location : At The East End Of The Wall.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$15,300			
<b>Total</b>	<b>\$15,300</b>			
Importance Code A	\$9,700			
Importance Code B	\$5,600			
<b>Total</b>	<b>\$15,300</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 # : 14594**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	1%			LIFE	**			
	Rubble Stone	79%	4+	\$3,500	LIFE	**	5	\$100	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Loose Elements, Extent : Light, Area Affected : 2%							
		Location : Throughout							
	Rubble Stone	20%	Now	\$2,200	LIFE	**	5		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : At East End Of Wall							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
Wall/Fence									
	Concrete	1%			LIFE	**	5		
	Rubble Stone	97%	4+	\$7,400	LIFE	**	5	\$900	
		Efflorescence, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%							
		Location : Throughout							
	Rubble Stone	2%	Now	\$2,300	LIFE	**	5		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 30%							
		Location : At East End Of Wall							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Loose Elements, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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Parks' Walls

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**Total**

Importance Code A

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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.

Wall

*Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$331,000	
<b>Total</b>	<b>\$331,000</b>	
Importance Code A	\$331,000	
<b>Total</b>	<b>\$331,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,200			
<b>Total</b>	<b>\$11,200</b>			
Importance Code A	\$4,700			
Importance Code B	\$6,500			
<b>Total</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.  
 \*\* 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	4+	\$6,500	LIFE		* *		
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout The Wall.					
				Spalling, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout The Wall.					
				Vegetation Growth, Extent : Light, Area Affected : 15%					
				Location : Random Locations Throughout The Wall.					
Wall/Fence	Metal Fence	15%	4+	\$4,700	LIFE		* *	4-8	\$3,900
				Broken/Missing Elements, Extent : Light, Area Affected : 1%					
				Location : At The South End Of The Wall					
				Impact Damage, Extent : Light, Area Affected : 2%					
				Location : Middle Portion Of The Wall					
				Other Observation, Extent : Light, Area Affected : 15%					
				Location : Random Locations Throughout					
				Explanation : Corrosion					
	Masonry:Schist/Gneiss	85%	4+	\$331,000	LIFE		* *	5	\$18,900
				Broken/Missing Elements, Extent : Light, Area Affected : 1%					
				Location : South End Of Wall					
				Efflorescence, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout The Wall.					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%					
				Location : Random Locations Throughout The Wall.					
				Misaligned/Bulging, Extent : Moderate, Area Affected : 2%					
				Location : Near The South End Of The Wall.					
				Vegetation Growth, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout					
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$37,800	
<b>Total</b>	<b>\$37,800</b>	
Importance Code A	\$37,800	
<b>Total</b>	<b>\$37,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%	4+	\$1,900	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : East End Of The Wall.							
		Cracking/Crumbling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$37,800	LIFE	* *	5	\$1,100	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : West End Portion Of The Wall.							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout The South Face Of The Wall.							
		Loose Elements, Extent : Light, Area Affected : 1%							
		Location : South Face Middle Portion Of The Wall.							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout The South Face Of The Wall.							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Explanation : Some Of The Stone Types Are Sandstone							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall	Wall/Fence							
	Rubble Stone	100%	4+	\$5,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,600			
<b>Total</b>	<b>\$9,600</b>			
Importance Code A	\$9,600			
<b>Total</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**  
**FORT TOTTEN RETAINING WALL**  
**Asset # : 14865**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Wall/Fence								
Concrete	100%	4+	\$9,600	LIFE	* *	5	\$200	
			Efflorescence, Extent : Light, Area Affected : 1%					
			Location : Random Locations Throughout					
			Cracks-Horizontal, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout					
			Spalling, Extent : Light, Area Affected : 1%					
			Location : Random Locations Throughout					
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$18,600			
<b>Total</b>	<b>\$18,600</b>			
Importance Code A	\$18,600			
<b>Total</b>	<b>\$18,600</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 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+	\$18,400	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$26,800			
<b>Total</b>	<b>\$26,800</b>			
Importance Code A	\$25,800			
Importance Code B	\$1,000			
<b>Total</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**  
**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		
	Broken/Missing Elements, Extent : Light, Area Affected : 3%								
	Location : Two Stones Missing At West End								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
	Location : Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : At Mid Length								
	Masonry:Schist/Gneiss	78%			LIFE	**	5		
Wall/Fence									
	Masonry:Schist/Gneiss	1%	Now	\$4,900	LIFE	**	5		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
	Location : One Stone Missing Approximately 30 Inch Long x 10 Inch High Two Feet Above Grade At South End								
	Masonry:Schist/Gneiss	19%	4+	\$18,800	LIFE	**	5	\$500	
	Broken/Missing Elements, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout Wall								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Random Locations Throughout								
	Explanation : Three 3+ Inch Trees Growing In Wall								
	Masonry:Schist/Gneiss	80%			LIFE	**	5	\$4,100	
	Vegetation Growth, Extent : Light, Area Affected : 30%								
	Location : Throughout								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$118,100	
<b>Total</b>	<b>\$118,100</b>	
Importance Code A	\$118,100	
<b>Total</b>	<b>\$118,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,000			
<b>Total</b>	<b>\$9,000</b>			
Importance Code A	\$100			
Importance Code B	\$8,900			
<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**  
**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)	
Wall								
	Coping							
	Concrete	1%			LIFE		**	
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%				
				Location : South End				
				Vegetation Growth, Extent : Light, Area Affected : 15%				
				Location : South End				
	Masonry:Limestone	81%	Now	\$8,900	LIFE		**	
				Broken/Missing Elements, Extent : Light, Area Affected : 1%				
				Location : Random Locations Throughout				
				Excess Worn/Erod Mat, Extent : Light, Area Affected : 10%				
				Location : Random Locations Throughout				
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%				
				Location : Random Locations Throughout				
				Loose/Delam Surface, Extent : Light, Area Affected : 10%				
				Location : At Random Locations, Particularly Near The Large Trees Along Top Of Wall				
				Misaligned/Bulging, Extent : Light, Area Affected : 2%				
				Location : Random Locations Throughout				
				Vegetation Growth, Extent : Severe, Area Affected : 60%				
				Location : Top Face Throughout Length Of Coping				
	No Component	18%						
Wall/Fence								
	Metal Fence	1%			LIFE		**	
	Rubble Stone	99%	4+	\$118,100	LIFE		**	
				Broken/Missing Elements, Extent : Light, Area Affected : 1%				
				Location : Random Locations Throughout				
				Cracks-Diagonal, Extent : Light, Area Affected : 5%				
				Location : Random Locations Throughout				
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 7%				
				Location : Random Locations Throughout				
				Vegetation Growth, Extent : Moderate, Area Affected : 30%				
				Location : Random Locations Throughout				
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,800			
<b>Total</b>	<b>\$4,800</b>			
Importance Code A	\$4,700			
Importance Code B				
<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**  
**FORT TRYON PARK RETAINING WALL**  
**Asset # : 14074**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	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 : 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	\$9,400	
			<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$40,700	
<b>Total</b>	<b>\$40,700</b>	
Importance Code A	\$40,700	
<b>Total</b>	<b>\$40,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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		
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+	\$2,400	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+	\$40,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$25,200			
<b>Total</b>	<b>\$25,200</b>			
Importance Code A	\$25,100			
Importance Code B				
<b>Total</b>	<b>\$25,200</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 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	\$100	
			<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+	\$25,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,400			
<b>Total</b>	<b>\$1,400</b>			
Importance Code A	\$1,400			
Importance Code B				
<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**  
**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	\$2,800	
		<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$17,200			
<b>Total</b>	<b>\$17,200</b>			
Importance Code A	\$16,300			
Importance Code B	\$900			
<b>Total</b>	<b>\$17,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	15%	Now	\$900	LIFE	* *	5	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : At 110 Feet From West End Of Wall And At East End Of Wall							
	Explanation : Missing Stones							
	Masonry:Schist/Gneiss	85%			LIFE	* *	5	
Wall/Fence								
	Masonry:Schist/Gneiss	100%	4+	\$16,300	LIFE	* *	5	\$2,100
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$35,200	
<b>Total</b>	<b>\$35,200</b>	
Importance Code A	\$35,200	
<b>Total</b>	<b>\$35,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,000			
<b>Total</b>	<b>\$2,000</b>			
Importance Code A				
Importance Code B	\$2,000			
<b>Total</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**  
**FORT TRYON PARK RETAINING WALL AROUND NORTH WEST PARKING LOT**  
**Asset # : 14163**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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+	\$2,000	LIFE	* *	5		
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 30%								
	Location : Throughout Southern Half Of Wall								
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : 150 Feet From North End								
	Explanation : 3 Inch Tree Trunk								
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$35,200	LIFE	* *	5	\$4,600	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Throughout Southern Half Of Wall								
	Vegetation Growth, Extent : Moderate, Area Affected : 5%								
	Location : Random Locations Throughout								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$35,400			
<b>Total</b>	<b>\$35,400</b>			
Importance Code A	\$34,600			
Importance Code B	\$800			
<b>Total</b>	<b>\$35,400</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 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+	\$34,600	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$84,500	
<b>Total</b>	<b>\$84,500</b>	
Importance Code A	\$84,500	
<b>Total</b>	<b>\$84,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$16,500			
<b>Total</b>	<b>\$16,500</b>			
Importance Code A	\$1,800			
Importance Code B	\$14,700			
<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 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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$14,700	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	\$3,600
	Masonry:Schist/Gneiss	10%	Now	\$31,700	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+	\$52,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,000			
<b>Total</b>	<b>\$3,000</b>			
Importance Code A	\$2,900			
Importance Code B				
<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**  
**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	\$100	
		<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	\$5,800	
		<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$95,100	
<b>Total</b>	<b>\$95,100</b>	
Importance Code A	\$95,100	
<b>Total</b>	<b>\$95,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	85%			LIFE	**	5	\$100
	Masonry:Schist/Gneiss	15%	4+	\$2,600	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>							
Wall/Fence								
	Masonry:Schist/Gneiss	100%	4+	\$95,100	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>							
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$900			
<b>Total</b>	<b>\$900</b>			
Importance Code A	\$900			
Importance Code B				
<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 EAST SIDE OF PATH SOUTH OF 14174**  
**Asset # : 14175**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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%			LIFE	* *	5		
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Spalling, Extent : Light, Area Affected : 1%					
				Location : 35 Feet From North End					
Wall/Fence									
	Masonry:Schist/Gneiss	100%			LIFE	* *	5	\$1,700	
				Efflorescence, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,800			
<b>Total</b>	<b>\$7,800</b>			
Importance Code A	\$6,800			
Importance Code B	\$1,000			
<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**  
**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+	\$6,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$39,600	
<b>Total</b>	<b>\$39,600</b>	
Importance Code A	\$39,600	
<b>Total</b>	<b>\$39,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,600			
<b>Total</b>	<b>\$9,600</b>			
Importance Code A	\$5,600			
Importance Code B	\$4,000			
<b>Total</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**  
**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+	\$4,000	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+	\$5,200	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+	\$39,600	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$14,000			
<b>Total</b>	<b>\$14,000</b>			
Importance Code A	\$14,000			
Importance Code B				
<b>Total</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**  
**FORT TRYON PARK RETAINING WALL GAZEBO OVERLOOK WALL**  
**Asset # : 14174**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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%			LIFE	* *	5		
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout					
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$14,000	LIFE	* *	5	\$700	
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Misaligned/Bulging, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Moderate, Area Affected : 40%					
				Location : Random Locations Throughout					
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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		
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+	\$600	LIFE	* *	5		
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%							
	Location : Random Locations Throughout							
Wall/Fence								
Masonry:Schist/Gneiss	35%	4+	\$1,200	LIFE	* *	5	\$200	
	Efflorescence, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 6%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$16,500			
<b>Total</b>	<b>\$16,500</b>			
Importance Code A	\$16,500			
Importance Code B				
<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 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>					
Wall/Fence								
Masonry:Schist/Gneiss	50%	4+	\$15,700	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,000			
<b>Total</b>	<b>\$7,000</b>			
Importance Code A	\$6,300			
Importance Code B	\$700			
<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**  
**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+	\$6,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$35,700	
<b>Total</b>	<b>\$35,700</b>	
Importance Code A	\$35,700	
<b>Total</b>	<b>\$35,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$8,500			
<b>Total</b>	<b>\$8,500</b>			
Importance Code A	\$7,200			
Importance Code B	\$1,300			
<b>Total</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**  
**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)	
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+	\$7,200	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+	\$35,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,300			
<b>Total</b>	<b>\$4,300</b>			
Importance Code A	\$3,500			
Importance Code B	\$800			
<b>Total</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**  
**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+	\$3,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,500			
<b>Total</b>	<b>\$5,500</b>			
Importance Code A	\$4,700			
Importance Code B	\$800			
<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**  
**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+	\$4,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,900			
<b>Total</b>	<b>\$6,900</b>			
Importance Code A	\$6,800			
Importance Code B	\$100			
<b>Total</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**  
**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)	
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	\$13,600
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$13,000			
<b>Total</b>	<b>\$13,000</b>			
Importance Code A	\$11,700			
Importance Code B	\$1,200			
<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 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	
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+	\$10,500	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	\$2,500	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$76,000	
<b>Total</b>	<b>\$76,000</b>	
Importance Code A	\$76,000	
<b>Total</b>	<b>\$76,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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+	\$76,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$15,200			
<b>Total</b>	<b>\$15,200</b>			
Importance Code A				
Importance Code B	\$15,200			
<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**  
**FORT TRYON PARK RETAINING WALL PATH @HISTORIC MARKER CORBIN CIR**  
**Asset # : 14172**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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	\$15,200	LIFE	* *	5		
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : From The North End, Starting At 20 Feet Going To 281 Feet								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Masonry:Schist/Gneiss	15%			LIFE	* *	5		
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$38,600	LIFE	* *	5	\$5,000	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Near Center Of Wall								
Explanation : Larger Than 3 Inch Tree Trunk								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$12,600			
<b>Total</b>	<b>\$12,600</b>			
Importance Code A	\$11,500			
Importance Code B	\$1,100			
<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**  
**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+	\$1,100	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+	\$5,900	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	\$11,200	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$24,500			
<b>Total</b>	<b>\$24,500</b>			
Importance Code A	\$22,500			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$24,500</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 PLAZA SOUTH OF CORBIN CIRCLE**  
**Asset # : 14292**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	\$2,000	LIFE	* *	5		
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Vertical And Horizontal Joints At Random Locations Throughout Wall								
	Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
	Location : 20 Feet From South And 20 Feet From North								
	Vegetation Growth, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout Wall								
Wall/Fence									
	Masonry:Granite	100%	4+	\$22,500	LIFE	* *	5	\$500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
	Location : Near Light Pole At South End								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Throughout								
	Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
	Location : Below Tree. Tree Roots May Be The Cause Of This Condition.								
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Throughout								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall	Wall/Fence							
	Rubble Stone	10%			LIFE	* *	5	\$1,200
			<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	\$8,100
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,500			
<b>Total</b>	<b>\$6,500</b>			
Importance Code A	\$6,500			
<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**  
**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	\$13,000	
			<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,000			
<b>Total</b>	<b>\$9,000</b>			
Importance Code A	\$9,000			
<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**  
**FORT TRYON PARK RETAINING WALL RUBBLE WALL W/CONCRETE**  
**Asset # : 14296**

Retaining Walls		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	\$9,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$60,400	
<b>Total</b>	<b>\$60,400</b>	
Importance Code A	\$60,400	
<b>Total</b>	<b>\$60,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$18,600			
<b>Total</b>	<b>\$18,600</b>			
Importance Code A	\$11,200			
Importance Code B	\$7,400			
<b>Total</b>	<b>\$18,600</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 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	\$7,400	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	\$10,700	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	\$60,400	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	\$1,000	
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,700			
<b>Total</b>	<b>\$2,700</b>			
Importance Code A	\$2,700			
Importance Code B				
<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 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)	
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+	\$2,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,100			
<b>Total</b>	<b>\$2,100</b>			
Importance Code A	\$2,000			
Importance Code B				
<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 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	\$4,100	
		<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$36,800			
<b>Total</b>	<b>\$36,800</b>			
Importance Code A	\$33,800			
Importance Code B	\$3,000			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	100%	4+	\$3,000	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+	\$19,400	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	\$28,800
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$34,200			
<b>Total</b>	<b>\$34,200</b>			
Importance Code A	\$31,500			
Importance Code B	\$2,700			
<b>Total</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**  
**FORT TRYON PARK RETAINING WALL WALL 11 EAST OF CLOISTERS MUSEUM**  
**Asset # : 14160**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	\$2,700	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	\$28,900	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$22,700			
<b>Total</b>	<b>\$22,700</b>			
Importance Code A	\$20,200			
Importance Code B	\$2,400			
<b>Total</b>	<b>\$22,700</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 BELOW SUBWAY BUILDING**  
**Asset # : 14295**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	\$2,400	LIFE	* *	5		
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Wall/Fence									
	Masonry:Granite	100%	Now	\$20,200	LIFE	* *	5	\$900	
	Broken/Missing Elements, Extent : Light, Area Affected : 1%								
	Location : North End Of Wall								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : Scattered Throughout Wall								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$79,400	
<b>Total</b>	<b>\$79,400</b>	
Importance Code A	\$79,400	
<b>Total</b>	<b>\$79,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,200			
<b>Total</b>	<b>\$4,200</b>			
Importance Code A	\$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**  
**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	\$8,400	
Rubble Stone	50%	2-4	\$79,400	LIFE	**	5	\$3,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 50 Feet From South End								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Around 130 Feet From South End								
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Approximately 2 Inch Bulging Around 200 Feet From South End								
Vegetation Growth, Extent : Light, Area Affected : 50%								
Location : Throughout								
Base								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$62,000	
<b>Total</b>	<b>\$62,000</b>	
Importance Code A	\$62,000	
<b>Total</b>	<b>\$62,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,900			
<b>Total</b>	<b>\$3,900</b>			
Importance Code A	\$2,800			
Importance Code B	\$1,100			
<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**  
**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	\$39,400	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	\$22,500	LIFE	* *	5	\$500	
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Center Of East Wall</i>					
Rubble Stone	55%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$35,900			
<b>Total</b>	<b>\$35,900</b>			
Importance Code A	\$34,400			
Importance Code B	\$1,500			
<b>Total</b>	<b>\$35,900</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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			
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+	\$1,500	LIFE	* *	5	\$100	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Moderate, Area Affected : 40%								
	Location : On West Face For A Length Of 400 Feet From North End								
Wall/Fence									
	Rubble Stone	47%	4+	\$30,500	LIFE	* *	5	\$3,500	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Missing Small Stones Throughout 100 Feet From North On East Face								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : In Localized Areas Of The West Face 30 Feet From South End Of West Face								
	Vegetation Growth, Extent : Moderate, Area Affected : 10%								
	Location : 450 Feet From Southern End								
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : Two Trees 400 Feet From Southern End								
	Explanation : 3 inch Or More Diameter Tree Growth								
	Rubble Stone	53%			LIFE	* *	5	\$7,800	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$42,800	
<b>Total</b>	<b>\$42,800</b>	
Importance Code A	\$42,800	
<b>Total</b>	<b>\$42,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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+	\$42,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,100			
<b>Total</b>	<b>\$11,100</b>			
Importance Code A	\$11,100			
Importance Code B				
<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**  
**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)	
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+	\$11,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$36,900			
<b>Total</b>	<b>\$36,900</b>			
Importance Code A	\$36,800			
Importance Code B	\$100			
<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**  
**FORT TRYON PARK RETAINING WALL WALL NO. 6 - MARGARET CORBIN DR.**  
**Asset # : 14155**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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%			LIFE	* *	5	\$200	
Wall/Fence									
	Masonry:Schist/Gneiss	39%	4+	\$30,600	LIFE	* *	5	\$4,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%									
Location : Missing Stone At Center Of Wall And North End At Bus Stop And Random Locations Throughout									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Vegetation Growth, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
	Masonry:Schist/Gneiss	61%			LIFE	* *	5	\$12,500	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$32,200			
<b>Total</b>	<b>\$32,200</b>			
Importance Code A	\$14,900			
Importance Code B	\$17,200			
<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 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	\$12,100	LIFE	* *	5		
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Random Locations Throughout</i>							
Masonry:Schist/Gneiss	30%	4+	\$5,200	LIFE	* *	5		
	<i>Loose Elements, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$14,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$37,200	
<b>Total</b>	<b>\$37,200</b>	
Importance Code A	\$37,200	
<b>Total</b>	<b>\$37,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	\$100	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$37,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,500			
<b>Total</b>	<b>\$21,500</b>			
Importance Code A	\$21,300			
Importance Code B	\$200			
<b>Total</b>	<b>\$21,500</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 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+	\$7,200	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+	\$5,000	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	\$2,800	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	\$12,700	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$19,500			
<b>Total</b>	<b>\$19,500</b>			
Importance Code A	\$19,500			
Importance Code B				
<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**  
**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+	\$19,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,300			
<b>Total</b>	<b>\$11,300</b>			
Importance Code A	\$10,700			
Importance Code B	\$500			
<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 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	\$7,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,300			
<b>Total</b>	<b>\$7,300</b>			
Importance Code A	\$5,200			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$7,300</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 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	
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+	\$5,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$18,400			
<b>Total</b>	<b>\$18,400</b>			
Importance Code A	\$16,100			
Importance Code B	\$2,300			
<b>Total</b>	<b>\$18,400</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 3**  
**Asset # : 14187**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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+	\$2,300	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 1%							
		Location : Near Ellwood Street							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Wall/Fence									
	Masonry:Schist/Gneiss	60%	4+	\$16,100	LIFE	* *	5	\$2,100	
		Efflorescence, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$16,100			
<b>Total</b>	<b>\$16,100</b>			
Importance Code A	\$13,700			
Importance Code B	\$2,400			
<b>Total</b>	<b>\$16,100</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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+	\$11,000	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	\$2,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,100			
<b>Total</b>	<b>\$9,100</b>			
Importance Code A	\$8,300			
Importance Code B	\$700			
<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 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+	\$8,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,800			
<b>Total</b>	<b>\$1,800</b>			
Importance Code A	\$1,300			
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 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	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$50,200	
<b>Total</b>	<b>\$50,200</b>	
Importance Code A	\$50,200	
<b>Total</b>	<b>\$50,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$13,100			
<b>Total</b>	<b>\$13,100</b>			
Importance Code A	\$10,500			
Importance Code B	\$2,600			
<b>Total</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**  
**FORT TRYON PARK RETAINING WALL WEST WALL OF VOLLEY BALL CT.**  
**Asset # : 14297**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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	\$2,600	LIFE	* *	5		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : South End							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Random Locations Throughout							
Wall/Fence								
Metal Fence	30%	Now	\$10,200	LIFE	* *	4-8	\$500	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							
	Explanation : Corroded							
Masonry:Granite	45%	Now	\$50,200	LIFE	* *	5	\$700	
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 20%							
	Location : At South End, Large Tree Behind Wall							
	Vegetation Growth, Extent : Moderate, Area Affected : 25%							
	Location : Random Locations Throughout							
Masonry:Granite	25%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,800			
<b>Total</b>	<b>\$10,800</b>			
Importance Code A	\$7,600			
Importance Code B	\$3,200			
<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**  
**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	\$3,200	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	\$8,200	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,400			
<b>Total</b>	<b>\$4,400</b>			
Importance Code A	\$3,400			
Importance Code B	\$1,000			
<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 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	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,000			
<b>Total</b>	<b>\$21,000</b>			
Importance Code A	\$19,300			
Importance Code B	\$1,700			
<b>Total</b>	<b>\$21,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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+	\$19,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$55,200	
<b>Total</b>	<b>\$55,200</b>	
Importance Code A	\$55,200	
<b>Total</b>	<b>\$55,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,600			
<b>Total</b>	<b>\$5,600</b>			
Importance Code A				
Importance Code B	\$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**  
**FRANZ SIGEL PARK RETAINING WALL**  
**Asset # : 14614**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%	4+	\$5,600	LIFE		* *		
				Cracks-Horizontal, Extent : Light, Area Affected : 5%					
				Location : Random Locations Throughout The Wall.					
				Recent Repair Evident, Extent : Light, Area Affected : 1%					
				Location : Three Sections Replaced Near Middle Of Wall					
				Spalling, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout The Wall.					
Wall/Fence									
	Masonry:Schist/Gneiss	100%	0-2	\$55,200	LIFE		* *	5	\$1,600
				Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%					
				Location : Mostly The Western Face Of The Wall.					
				Loose Elements, Extent : Moderate, Area Affected : 2%					
				Location : Scattered Throughout					
				Vegetation Growth, Extent : Light, Area Affected : 1%					
				Location : Random Locations Throughout The Wall.					
				Other Observation, Extent : Moderate, Area Affected : 1%					
				Location : Middle Portion Of The Wall.					
				Explanation : Missing Post.					
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$39,000			
<b>Total</b>	<b>\$39,000</b>			
Importance Code A	\$34,200			
Importance Code B	\$4,800			
<b>Total</b>	<b>\$39,000</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**  
**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	\$4,800	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	\$34,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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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)	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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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**  
**FRANZ SIGEL PARK RETAINING/ PERIMETER WALL**  
**Asset # : 14612**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$38,400	
<b>Total</b>	<b>\$38,400</b>	
Importance Code A	\$38,400	
<b>Total</b>	<b>\$38,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,600			
<b>Total</b>	<b>\$2,600</b>			
Importance Code A				
Importance Code B	\$2,600			
<b>Total</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**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14608**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Granite	98%	4+	\$2,600	LIFE		* *	5	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 25%							
		Location : Random Locations Throughout The Wall.							
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
	Masonry:Granite	2%			LIFE		* *	5	
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$38,400	LIFE		* *	5	\$2,200
		Efflorescence, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 1%							
		Location : Middle Portion Of The Wall.							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout The Wall.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$23,100			
<b>Total</b>	<b>\$23,100</b>			
Importance Code A	\$21,900			
Importance Code B	\$1,200			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	97%	4+	\$1,200	LIFE	* *	5	
		Cracks-Horizontal, Extent : Light, Area Affected : 1%						
		Location : Random Locations Throughout The Wall.						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%						
		Location : Random Locations Throughout The Wall.						
	Masonry:Granite	3%			LIFE	* *	5	
Wall/Fence								
	Masonry:Schist/Gneiss	100%	2-4	\$21,900	LIFE	* *	5	\$3,100
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%						
		Location : Random Locations Throughout The Wall.						
		Loose Elements, Extent : Light, Area Affected : 1%						
		Location : Middle Portion Of The Wall.						
		Vegetation Growth, Extent : Light, Area Affected : 4%						
		Location : Random Locations Throughout The Wall.						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$88,300	
<b>Total</b>	<b>\$88,300</b>	
Importance Code A	\$88,300	
<b>Total</b>	<b>\$88,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
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		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 6%							
		Location : Random Locations Throughout The East Portion Of The Wall.							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : East Portion Of The Wall.							
		Explanation : Coping Is Only Located At The East Portion Of The Wall.							
	Masonry:Granite	3%			LIFE	* *	5		
Wall/Fence									
	Masonry:Schist/Gneiss	100%	Now	\$88,300	LIFE	* *	5	\$2,500	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 2%							
		Location : North Side							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout The Wall.							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 4%							
		Location : North Portion Of The Wall.							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout The Wall.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$32,600			
<b>Total</b>	<b>\$32,600</b>			
Importance Code A	\$32,600			
<b>Total</b>	<b>\$32,600</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**  
**FRANZ SIGEL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14613**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Wall	Wall/Fence							
	Concrete	100%	4+	\$32,600	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,400			
<b>Total</b>	<b>\$21,400</b>			
Importance Code A	\$21,400			
<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**  
**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)	
Wall								
	Wall/Fence							
	Concrete	60%	4+	\$11,100	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	\$10,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$14,300			
<b>Total</b>	<b>\$14,300</b>			
Importance Code A	\$12,300			
Importance Code B	\$2,000			
<b>Total</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**  
**HARLEM LANE PLAYGROUND RETAINING WALL**

**Asset # : 14499**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	16%	4+	\$2,000	LIFE		* *		
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Staining/Scaling, Extent : Light, Area Affected : 40%							
		Location : Random Locations Throughout							
	Concrete	84%			LIFE		* *		
Wall/Fence									
	Rubble Stone	41%	4+	\$12,300	LIFE		* *	5	\$1,500
		Broken/Missing Elements, Extent : Moderate, Area Affected : 2%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
		Recent Replace Evident, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 15%							
		Location : Tree Penetration At 55 Feet. North Of South End							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$73,800	
<b>Total</b>	<b>\$73,800</b>	
Importance Code A	\$73,800	
<b>Total</b>	<b>\$73,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Wall/Fence								
	Concrete	65%	4+	\$73,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$19,200			
<b>Total</b>	<b>\$19,200</b>			
Importance Code A	\$16,200			
Importance Code B	\$3,100			
<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**  
**HIGHBRIDGE PARK RETAINING WALL**  
**Asset # : 14131**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%	4+	\$3,100	LIFE		* *		
			Cracking/Crumbling, Extent : Light, Area Affected : 8%					
			Location : Random Locations Throughout					
			Misaligned/Bulging, Extent : Moderate, Area Affected : 2%					
			Location : At The South End Of Wall					
			Spalling, Extent : Light, Area Affected : 5%					
			Location : Random Locations At Top Face Throughout					
Wall/Fence								
Metal Fence	14%			LIFE		* *	4-8	\$400
Metal Fence	1%	2-4	\$600	LIFE		* *	4-8	
			Broken/Missing Elements, Extent : Moderate, Area Affected : 10%					
			Location : 40 Feet Measured From The North End					
Masonry:Schist/Gneiss	85%	4+	\$15,600	LIFE		* *	5	\$2,200
			Broken/Missing Elements, Extent : Moderate, Area Affected : 8%					
			Location : Random Locations Throughout					
			Misaligned/Bulging, Extent : Moderate, Area Affected : 2%					
			Location : At The South End Of Wall					
			Vegetation Growth, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout					
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$30,500			
<b>Total</b>	<b>\$30,500</b>			
Importance Code A	\$28,400			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$30,500</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 # : 14132**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	* *			
		Loose/Delam Surface, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
Wall/Fence									
	Concrete	48%	4+	\$25,800	LIFE	* *	5	\$600	
		Cracking/Crumbling, Extent : Light, Area Affected : 4%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 3%							
		Location : Random Locations Throughout							
	Metal Fence	26%	4+	\$2,600	LIFE	* *	4-8	\$2,200	
		Impact Damage, Extent : Moderate, Area Affected : 2%							
		Location : 150 Feet Measured From The North End							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$26,900			
<b>Total</b>	<b>\$26,900</b>			
Importance Code A	\$10,700			
Importance Code B	\$16,200			
<b>Total</b>	<b>\$26,900</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**  
**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)	
Wall								
	Coping							
	Concrete	90%	4+	\$16,200	LIFE	* *		
		Cracks-Horizontal, Extent : Moderate, Area Affected : 2%						
		Location : Random Locations Throughout						
		Staining/Scaling, Extent : Light, Area Affected : 15%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 20%						
		Location : Random Locations Throughout						
	Concrete	10%			LIFE	* *		
Wall/Fence								
	Concrete	18%	4+	\$10,700	LIFE	* *	5	\$100
		Cracking/Crumbling, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Efflorescence, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Cracks-Horizontal, Extent : Moderate, Area Affected : 2%						
		Location : Random Locations Throughout						
		Spalling, Extent : Moderate, Area Affected : 1%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 15%						
		Location : Random Locations Throughout						
	Concrete	12%			LIFE	* *	5	\$100
	Metal Fence	70%			LIFE	* *	4-8	\$2,600
		Other Observation, Extent : Light, Area Affected : 60%						
		Location : Random Locations Throughout						
		Explanation : Abandoned Railing						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,000			
<b>Total</b>	<b>\$9,000</b>			
Importance Code A	\$8,700			
Importance Code B	\$300			
<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**  
**HIGHBRIDGE PARK RETAINING WALL / CONCRETE RETAINING WALL**  
**Asset # : 14690**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : 50 Feet From North End							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Material: Concrete Block							
Wall/Fence	Concrete	100%	4+	\$8,700	LIFE	* *	5	\$100	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : 50 Feet From North End							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Material: Concrete Block							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$304,000	
<b>Total</b>	<b>\$304,000</b>	
Importance Code A	\$304,000	
<b>Total</b>	<b>\$304,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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+	\$304,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$471,200	
<b>Total</b>	<b>\$471,200</b>	
Importance Code A	\$471,200	
<b>Total</b>	<b>\$471,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,400			
<b>Total</b>	<b>\$6,400</b>			
Importance Code A	\$2,400			
Importance Code B	\$4,000			
<b>Total</b>	<b>\$6,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific 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)	
Wall								
	Coping							
	Concrete	100%	4+	\$4,000	LIFE	* *		
		Cracks-Horizontal, Extent : Light, Area Affected : 5%						
		Location : Scattered Throughout						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%						
		Location : Scattered Throughout						
		Cracks-Vertical, Extent : Light, Area Affected : 5%						
		Location : Scattered Throughout						
Wall/Fence								
	Concrete	90%	2-4	\$471,200	LIFE	* *	5	\$1,200
		Broken/Missing Elements, Extent : Severe, Area Affected : 5%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%						
		Location : Random Locations Throughout						
		Loose Elements, Extent : Moderate, Area Affected : 5%						
		Location : At Center Of Wall Near Playground						
		Misaligned/Bulging, Extent : Severe, Area Affected : 5%						
		Location : North End, South End, And Center Of Wall						
		Vegetation Growth, Extent : Moderate, Area Affected : 10%						
		Location : Random Locations Throughout						
		Cracks-Vertical, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : East Face						
		Explanation : All Observations Were Made On Brick Fascia						
	Metal Fence	10%	4+	\$2,400	LIFE	* *	4-8	\$800
		Deteriorated Finish, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$55,400	
<b>Total</b>	<b>\$55,400</b>	
Importance Code A	\$55,400	
<b>Total</b>	<b>\$55,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,000			
<b>Total</b>	<b>\$4,000</b>			
Importance Code A	\$1,900			
Importance Code B	\$2,100			
<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**  
**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)	
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+	\$55,400	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+	\$1,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,200			
<b>Total</b>	<b>\$9,200</b>			
Importance Code A	\$6,000			
Importance Code B	\$3,200			
<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**  
**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)	
Wall								
	Coping							
	Concrete	60%	4+	\$3,200	LIFE		* *	
		Cracking/Crumbling, Extent : Light, Area Affected : 2%						
		Location : North End Of Wall						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%						
		Location : Throughout, More Severe Towards The North End						
		Misaligned/Bulging, Extent : Light, Area Affected : 5%						
		Location : 110 Feet And 230 Feet North Of South End Of The World						
		Spalling, Extent : Light, Area Affected : 1%						
		Location : 45 Feet From North End Of The World						
	Concrete	40%			LIFE		* *	
Wall/Fence								
	Metal Fence	20%	4+	\$1,300	LIFE		* * 4-8	\$1,100
		Broken/Missing Elements, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Deteriorated Finish, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : 110 Feet North Of South End Of Wall						
		Explanation : Displaced Section Of Metal Fence, Broken Connection						
	Metal Fence	15%			LIFE		* * 4-8	\$800
	Masonry:Granite	15%	4+	\$4,800	LIFE		* * 5	\$700
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 2%						
		Location : North Face Of Wall						
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,800			
<b>Total</b>	<b>\$10,800</b>			
Importance Code A	\$7,700			
Importance Code B	\$3,100			
<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**  
**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	
Wall									
	Coping								
	Masonry:Brownstone	85%	4+	\$3,100	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : Within One Third Point From South End Of The Wall							
	Masonry:Brownstone	15%			LIFE	* *	5		
Wall/Fence									
	Masonry:Granite	10%	4+	\$1,000	LIFE	* *	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : Within One Third Point From South End Of The Wall							
	Masonry:Sandstone	25%	4+	\$2,200	LIFE	* *			
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : Within One Third Point From South End Of The Wall							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Throughout The Areas Of Joint Openings							
	Masonry:Schist/Gneiss	50%	4+	\$4,500	LIFE	* *	5	\$600	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : 35 Feet From The South End Of The Wall							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : Within One Third Point From South End Of The Wall							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : East Face Of Wall							
		Explanation : No Weepholes							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,700			
<b>Total</b>	<b>\$1,700</b>			
Importance Code A	\$1,000			
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+	\$1,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,600			
<b>Total</b>	<b>\$11,600</b>			
Importance Code A	\$10,500			
Importance Code B	\$1,100			
<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 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+	\$10,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,600			
<b>Total</b>	<b>\$5,600</b>			
Importance Code A	\$4,700			
Importance Code B	\$900			
<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 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+	\$4,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,400			
<b>Total</b>	<b>\$2,400</b>			
Importance Code A	\$1,500			
Importance Code B	\$900			
<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**  
**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)	
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+	\$1,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$212,100	
<b>Total</b>	<b>\$212,100</b>	
Importance Code A	\$212,100	
<b>Total</b>	<b>\$212,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE PERIMETER WALL**  
**Asset # : 14699**

Retaining Walls		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Wall								
	Wall/Fence							
	Metal Fence	10%	Now	\$2,400	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	\$212,100	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>						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$447,800	
<b>Total</b>	<b>\$447,800</b>	
Importance Code A	\$447,800	
<b>Total</b>	<b>\$447,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**HIGHBRIDGE PARK RETAINING WALL CUTSTONE PERIMETER WALL**  
**Asset # : 14701**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Concerete Parge							
Wall/Fence	Metal Fence	5%	4+	\$2,400	LIFE		* *	4-8	\$200
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : At South End Of Wall							
	Rubble Stone	95%	2-4	\$447,800	LIFE		* *	5	\$2,800
		Misaligned/Bulging, Extent : Moderate, Area Affected : 30%							
		Location : Along Bottom Of Wall							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : At Top Of Wall							
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : South End							
		Explanation : Collapse With No Sign Of Movement							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$50,800	
<b>Total</b>	<b>\$50,800</b>	
Importance Code A	\$50,800	
<b>Total</b>	<b>\$50,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall								
	Wall/Fence							
	Rubble Stone	85%	2-4	\$50,800	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,500			
<b>Total</b>	<b>\$5,500</b>			
Importance Code A	\$5,400			
Importance Code B	\$100			
<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**  
**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	\$200	
Masonry:Granite	90%	4+	\$5,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$106,600	
<b>Total</b>	<b>\$106,600</b>	
Importance Code A	\$106,600	
<b>Total</b>	<b>\$106,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
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		
	Spalling, Extent : Light, Area Affected : 1%								
	Location : Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Throughout								
Wall/Fence									
	Masonry:Sandstone	100%	4+	\$106,600	LIFE	* *			
	Efflorescence, Extent : Light, Area Affected : 2%								
	Location : Scattered Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Scattered Throughout								
	Other Observation, Extent : Moderate, Area Affected : 5%								
	Location : Scattered Throughout								
	Explanation : Water Infiltration								
Base									
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$145,100	
<b>Total</b>	<b>\$145,100</b>	
Importance Code A	\$94,300	
Importance Code B	\$50,800	
<b>Total</b>	<b>\$145,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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)	
Wall								
	Coping							
	Concrete	94%	2-4	\$50,800	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	\$39,300	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+	\$55,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$144,300	
<b>Total</b>	<b>\$144,300</b>	
Importance Code A	\$144,300	
<b>Total</b>	<b>\$144,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$37,400			
<b>Total</b>	<b>\$37,400</b>			
Importance Code A	\$18,300			
Importance Code B	\$19,100			
<b>Total</b>	<b>\$37,400</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 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	
Wall								
Coping								
Concrete	1%			LIFE		**		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 30 Feet From North End							
	Explanation : Material: Concrete Block							
Masonry:Brownstone	1%			LIFE		**	5	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1151 Feet From South End							
	Explanation : Material: Cut Quarry Stone							
Masonry:Granite	87%	4+	\$4,000	LIFE		**	5	\$300
	Cracking/Crumbling, Extent : Light, Area Affected : 1%							
	Location : 1200 Feet From South End							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Light, Area Affected : 2%							
	Location : A Length Of 32 Feet At 1232 Feet From South End							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	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							
Masonry:Granite	11%	Now	\$15,100	LIFE		**	5	
	Broken/Missing Elements, Extent : Light, Area Affected : 100%							
	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							
Wall/Fence								
Metal Fence	20%	4+	\$40,000	LIFE		**	4-8	\$6,700
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : At Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : At Random Locations							
	Explanation : Rusted							
Metal Fence	2%	Now	\$40,000	LIFE		**	4-8	\$700
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : At The Same Locations Of Impact Damage							
	Impact Damage, Extent : Moderate, Area Affected : 5%							
	Location : At 192, 212, 779, 819, 891, 914, 1059, 1154, 1187 And 1198 From South End							
Masonry:Schist/Gneiss	65%			LIFE		**	5	\$36,700
Masonry:Schist/Gneiss	13%	4+	\$64,200	LIFE		**	5	\$3,700
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
	Location : At Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 15%							
	Location : At Random Locations; 3 Inch Minimum Tree Trunks At 100 Feet And 200 Feet From North End							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : On The Wall At Random Locations							
	Explanation : Rust Stains							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$69,000	
<b>Total</b>	<b>\$69,000</b>	
Importance Code A	\$69,000	
<b>Total</b>	<b>\$69,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,700			
<b>Total</b>	<b>\$10,700</b>			
Importance Code A	\$2,300			
Importance Code B	\$8,400			
<b>Total</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**  
**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)	
Wall	Coping							
	Masonry:Brownstone	100%	4+	\$8,400	LIFE	* *	5	\$100
	Broken/Missing Elements, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations Throughout							
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Explanation : Sandstone							
Wall/Fence	Rubble Stone	60%	4+	\$69,000	LIFE	* *	5	\$3,400
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
	Rubble Stone	40%			LIFE	* *	5	\$4,600
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,100			
<b>Total</b>	<b>\$10,100</b>			
Importance Code A	\$7,700			
Importance Code B	\$2,400			
<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**  
**HIGHBRIDGE PARK RETAINING WALL GRANITE BRICK RETAINING WALL**  
**Asset # : 14691**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : At Center Of Wall							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Material: Concrete Block							
Wall/Fence	Concrete	100%	4+	\$7,700	LIFE	* *	5	\$100	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : 20 Feet From North End							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : At Random Locations							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Material: Concrete Block							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$127,800	
<b>Total</b>	<b>\$127,800</b>	
Importance Code A	\$127,800	
<b>Total</b>	<b>\$127,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	\$127,800	LIFE	* *	5	\$1,600	
Vegetation Growth, Extent : Severe, Area Affected : 60%								
Location : Throughout, 8+ Trees Over 3 Inch Diameter Throughout								
Other Observation, Extent : Light, Area Affected : 1%								
Location : North Side								
Explanation : 8-inch Steel Drainage Pipe Through Wall								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$17,700			
<b>Total</b>	<b>\$17,700</b>			
Importance Code A	\$17,700			
<b>Total</b>	<b>\$17,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HIGHBRIDGE PARK RETAINING WALL RETAINING / PERIMETER WALL**  
**Asset # : 14703**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Limestone	100%			LIFE		* *		
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
Wall/Fence									
	Metal Fence	20%	4+	\$900	LIFE		* *	4-8	\$700
		Broken/Missing Elements, Extent : Moderate, Area Affected : 1%							
		Location : Single Broken Post At South End							
		Impact Damage, Extent : Light, Area Affected : 2%							
		Location : Broken Spindles Southern End Of Fence							
		Loose Fastenings, Extent : Moderate, Area Affected : 2%							
		Location : Weld Failed At Bottom Of Posts Throughout							
	Rubble Stone	80%	2-4	\$16,900	LIFE		* *	5	\$2,100
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 5%							
		Location : Primarily Northern Half Of Wall							
		Explanation : 3-inch Or Larger Diameter Tree Growth							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$22,800			
<b>Total</b>	<b>\$22,800</b>			
Importance Code A	\$17,800			
Importance Code B	\$5,000			
<b>Total</b>	<b>\$22,800</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**  
**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	80%	4+	\$5,000	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+	\$17,800	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$8,700			
<b>Total</b>	<b>\$8,700</b>			
Importance Code A	\$6,800			
Importance Code B	\$1,900			
<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**  
**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)	
Wall	Coping							
	Concrete	100%	4+	\$1,900	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+	\$2,300	LIFE	* *	4-8	\$200
		<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
	Rubble Stone	80%	4+	\$4,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$326,600	
<b>Total</b>	<b>\$326,600</b>	
Importance Code A	\$326,600	
<b>Total</b>	<b>\$326,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	\$326,600	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,400			
<b>Total</b>	<b>\$11,400</b>			
Importance Code A	\$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**  
**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+	\$11,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$16,600			
<b>Total</b>	<b>\$16,600</b>			
Importance Code A	\$16,600			
<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**  
**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+	\$16,600	LIFE	* *	5	\$2,100	
Vegetation Growth, Extent : Light, Area Affected : 3%								
Location : 10 Plus Inch Tree Trunks From South End And At Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : 60 Feet From North End								
Explanation : Drainage Structure Clogged								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$14,800			
<b>Total</b>	<b>\$14,800</b>			
Importance Code A	\$12,300			
Importance Code B	\$2,600			
<b>Total</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**  
**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	
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+	\$10,300	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$91,600	
<b>Total</b>	<b>\$91,600</b>	
Importance Code A	\$91,600	
<b>Total</b>	<b>\$91,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall								
	Coping							
	Concrete	98%	4+	\$2,900	LIFE	* *		
		Cracking/Crumbling, Extent : Light, Area Affected : 8%						
		Location : Random Locations Throughout						
		Spalling, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 15%						
		Location : Random Locations Throughout						
	Concrete	2%	Now	\$1,200	LIFE	* *		
		Broken/Missing Elements, Extent : Severe, Area Affected : 40%						
		Location : Localized Area At The North Part Of Wall						
Wall/Fence								
	Rubble Stone	48%	4+	\$84,500	LIFE	* *	5	\$4,200
		Broken/Missing Elements, Extent : Light, Area Affected : 8%						
		Location : Random Locations Throughout						
		Excess Worn/Erod Mat, Extent : Light, Area Affected : 7%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 7%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
	Rubble Stone	1%	Now	\$7,000	LIFE	* *	5	\$100
		Broken/Missing Elements, Extent : Severe, Area Affected : 20%						
		Location : Localized Area At The North Part Of Wall						
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$61,900	
<b>Total</b>	<b>\$61,900</b>	
Importance Code A	\$61,900	
<b>Total</b>	<b>\$61,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%			LIFE		* *		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Top Of Wall							
		Explanation : Concrete Parge							
Wall/Fence	Masonry:Schist/Gneiss	100%	2-4	\$61,900	LIFE		* *	5	\$1,800
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Scattered Throughout							
		Cracks-Horizontal, Extent : Moderate, Area Affected : 2%							
		Location : Scattered Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Scattered Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
		Location : 75 Feet From South End Of Wall							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Scattered Throughout							
		Cracks-Vertical, Extent : Moderate, Area Affected : 2%							
		Location : Scattered Throughout							
		Other Observation, Extent : Moderate, Area Affected : 1%							
		Location : 60 Feet From South End							
		Explanation : Wall Failure							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$30,300			
<b>Total</b>	<b>\$30,300</b>			
Importance Code A	\$26,000			
Importance Code B	\$4,300			
<b>Total</b>	<b>\$30,300</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 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)	
Wall								
	Coping							
	Masonry:Brownstone	80%	4+	\$4,300	LIFE	**	5	\$100
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Throughout						
		Spalling, Extent : Light, Area Affected : 2%						
		Location : 80 Feet From The South End Of The Wall						
	Masonry:Brownstone	20%			LIFE	**	5	
Wall/Fence								
	Masonry:Granite	5%	4+	\$4,600	LIFE	**	5	\$600
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : 410 Feet From South End Of The Wall						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
	Masonry:Granite	5%			LIFE	**	5	\$600
	Masonry:Sandstone	7%	4+	\$5,600	LIFE	**		
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Cracking/Crumbling, Extent : Light, Area Affected : 1%						
		Location : North Side Of The Wall						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
	Masonry:Sandstone	13%			LIFE	**		
	Masonry:Schist/Gneiss	20%	4+	\$15,900	LIFE	**	5	\$2,300
		Broken/Missing Elements, Extent : Light, Area Affected : 1%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$34,700			
<b>Total</b>	<b>\$34,700</b>			
Importance Code A	\$32,600			
Importance Code B	\$2,100			
<b>Total</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**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14299**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	* *			
		Broken/Missing Elements, Extent : Light, Area Affected : 2% Location : South End Of Wall Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15% Location : Throughout. Misaligned/Bulging, Extent : Light, Area Affected : 2% Location : Random Locations Throughout. Cracks-Vertical, Extent : Light, Area Affected : 1% Location : Random Locations Throughout.							
Wall/Fence	Rubble Stone	65%	4+	\$32,600	LIFE	* *	5	\$400	
		Broken/Missing Elements, Extent : Light, Area Affected : 2% Location : Throughout. Cracking/Crumbling, Extent : Moderate, Area Affected : 5% Location : Throughout. Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10% Location : Throughout.							
	Rubble Stone	35%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,700			
<b>Total</b>	<b>\$11,700</b>			
Importance Code A	\$11,700			
Importance Code B				
<b>Total</b>	<b>\$11,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14300**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	4+		LIFE		* *		
				Cracking/Crumbling, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout.					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%					
				Location : Throughout					
Wall/Fence	Masonry:Schist/Gneiss	100%	4+	\$11,700	LIFE		* *	5	\$300
				Cracking/Crumbling, Extent : Light, Area Affected : 10%					
				Location : Throughout.					
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%					
				Location : Random Locations Throughout.					
				Cracks-Vertical, Extent : Light, Area Affected : 5%					
				Location : West Face.					
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$104,800	
<b>Total</b>	<b>\$104,800</b>	
Importance Code A	\$104,800	
<b>Total</b>	<b>\$104,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$8,200			
<b>Total</b>	<b>\$8,200</b>			
Importance Code A				
Importance Code B	\$8,200			
<b>Total</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**  
**INWOOD HILL PARK RETAINING/PERIMETER WALL**  
**Asset # : 14301**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	4+	\$8,200	LIFE		* *		
		Cracking/Crumbling, Extent : Light, Area Affected : 1%							
		Location : Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Throughout.							
		Misaligned/Bulging, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout.							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
Wall/Fence	Rubble Stone	65%	4+	\$104,800	LIFE		* *	5	\$2,600
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Throughout.							
		Vegetation Growth, Extent : Moderate, Area Affected : 5%							
		Location : Throughout.							
	Rubble Stone	35%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$22,600			
<b>Total</b>	<b>\$22,600</b>			
Importance Code A	\$22,600			
<b>Total</b>	<b>\$22,600</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/PERIMETER WALL**  
**Asset # : 14302**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Wall/Fence								
	Masonry:Granite	85%	4+	\$22,600	LIFE	* *	5	\$600	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : West End Of Wall.							
		Cracking/Crumbling, Extent : Light, Area Affected : 2%							
		Location : Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Throughout.							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
	Not Accessible	15%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout.							
		Explanation : North Side Of The Wall Is Covered With Snow.							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 10-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,000			
<b>Total</b>	<b>\$21,000</b>			
Importance Code A	\$21,000			
<b>Total</b>	<b>\$21,000</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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)	
Wall								
	Wall/Fence							
	Rubble Stone	60%	4+	\$21,000	LIFE	* *	5	\$1,000
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i> <i>Location : 29 Feet, At A Location 33 Feet From The North End Of The Wall; 7 Feet, At A Location 95 Feet From The North End Of The Wall.</i> <i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i> <i>Location : Throughout.</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 : Throughout.</i> <i>Explanation : Schist</i>							
	Rubble Stone	40%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 04-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,500			
<b>Total</b>	<b>\$11,500</b>			
Importance Code A	\$11,500			
<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**  
**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)	
Wall	Wall/Fence							
	Masonry:Schist/Gneiss	100%	4+	\$11,500	LIFE	* *	5	\$700
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Approximately 10 Feet, 40 Feet And 50 Feet From The Upper End Of The Wall.</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, 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 : Light, Area Affected : 10%</i>							
	<i>Location : 25 Feet From The North End</i>							
	<i>Explanation : Graffiti</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 10-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,200			
<b>Total</b>	<b>\$3,200</b>			
Importance Code A	\$2,100			
Importance Code B	\$1,200			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Rubble Stone	100%	4+	\$1,200	LIFE	* *	5	\$100
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout.</i>						
	Wall/Fence							
	Masonry:Schist/Gneiss	50%	4+	\$2,100	LIFE	* *	5	\$300
		<i>Recent Repair Evident, Extent : Light, Area Affected : 5%</i>						
		<i>Location : 13 Feet From Right End Of The Wall Facing The River.</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>						
		<i>Location : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 04-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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	55%	4+	\$5,300	LIFE	* *	5	\$800	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Staining/Scaling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Masonry:Schist/Gneiss	45%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$52,800	
<b>Total</b>	<b>\$52,800</b>	
Importance Code A	\$52,800	
<b>Total</b>	<b>\$52,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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 # : 14308**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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	100%	4+	\$52,800	LIFE	* *	5	\$3,000	
	Broken/Missing Elements, Extent : Light, Area Affected : 1%								
	Location : Random Locations Throughout, More Severe At 160 Feet And 265 Feet From The North End Of The Wall								
	Cracks-Diagonal, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Cracks-Horizontal, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout, More Severe Between 460 Feet And 500 Feet From The North End Of The Wall								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Mostly At 435 Feet From The North End Of The Wall								
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Throughout The Base Of Wall								
	Explanation : Drain Pipes At Base Of Wall Spaced Between 10ft To 25ft								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$66,600	
<b>Total</b>	<b>\$66,600</b>	
Importance Code A	\$66,600	
<b>Total</b>	<b>\$66,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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)	
Wall	Wall/Fence							
	Rubble Stone	100%	4+	\$66,600	LIFE	* *	5	\$800
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</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, 225 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 28-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$35,800	
<b>Total</b>	<b>\$35,800</b>	
Importance Code A	\$35,800	
<b>Total</b>	<b>\$35,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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 # : 14312**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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	25%	Now	\$14,300	LIFE	* *	5	\$200	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Approximately 48 Feet And 65 Feet From The Lower End Of The Wall.								
Explanation : Broken And Missing Elements With Exposed Earth.								
Masonry:Schist/Gneiss	75%	4+	\$21,500	LIFE	* *	5	\$600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout.								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout.								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Throughout.								
Vegetation Growth, Extent : Moderate, Area Affected : 2%								
Location : Throughout.								
Base								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 28-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$105,200	
<b>Total</b>	<b>\$105,200</b>	
Importance Code A	\$105,200	
<b>Total</b>	<b>\$105,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,100			
<b>Total</b>	<b>\$10,100</b>			
Importance Code A				
Importance Code B	\$10,100			
<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**  
**INWOOD HILL PARK RETAINING WALL**  
**Asset # : 14313**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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%	Now	\$500	LIFE	* *	5		
Misaligned/Bulging, Extent : Severe, Area Affected : 80%								
Location : Approximately 180 Feet And 280 Feet From The Lower End Of The Wall.								
Masonry:Schist/Gneiss	95%	4+	\$9,600	LIFE	* *	5		
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout.								
Vegetation Growth, Extent : Light, Area Affected : 30%								
Location : Throughout								
Wall/Fence								
Masonry:Schist/Gneiss	5%	0-2	\$36,300	LIFE	* *	5	\$100	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Approximately 180 Feet And 280 Feet From The Lower End Of The Wall.								
Masonry:Schist/Gneiss	95%	4+	\$68,900	LIFE	* *	5	\$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout.								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout.								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 28-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$65,200	
<b>Total</b>	<b>\$65,200</b>	
Importance Code A	\$65,200	
<b>Total</b>	<b>\$65,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	
Wall								
Wall/Fence								
Masonry:Schist/Gneiss	55%	Now	\$18,900	LIFE	* *	5	\$500	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 80%</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>								
Masonry:Schist/Gneiss	45%	4+	\$46,400	LIFE	* *	5	\$400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout.</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout.</i>								
<i>Vegetation Growth, 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$91,600	
<b>Total</b>	<b>\$91,600</b>	
Importance Code A	\$91,600	
<b>Total</b>	<b>\$91,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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)	
Wall	Coping							
	Rubble Stone	100%	4+	\$1,300	LIFE	* *	5	\$200
		Broken/Missing Elements, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout.						
		Vegetation Growth, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout.						
Wall/Fence	Rubble Stone	100%	4+	\$91,600	LIFE	* *	5	\$1,100
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%						
		Location : Throughout.						
		Vegetation Growth, Extent : Moderate, Area Affected : 2%						
		Location : Throughout.						
		Cracks-Vertical, Extent : Moderate, Area Affected : 2%						
		Location : Random Locations Throughout.						
		Other Observation, Extent : Moderate, Area Affected : 10%						
		Location : Base Of Wall.						
		Explanation : Undermining						
Base	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 26-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$47,500			
<b>Total</b>	<b>\$47,500</b>			
Importance Code A	\$47,500			
<b>Total</b>	<b>\$47,500</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 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		* *		
			Vegetation Growth, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout.					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Left End Of The Wall, Facing From Payson Ave.					
			Explanation : 127ft Long Concrete Coping Can Be Found At The Left End Of The Wall, Facing From Payson Ave.					
No Component	65%							
Wall/Fence								
Masonry:Schist/Gneiss	65%	4+	\$31,000	LIFE		* *	5	\$1,800
			Broken/Missing Elements, Extent : Light, Area Affected : 5%					
			Location : Throughout.					
			Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
			Location : Throughout.					
			Vegetation Growth, Extent : Moderate, Area Affected : 10%					
			Location : Throughout.					
Rubble Stone	35%	4+	\$16,500	LIFE		* *	5	\$800
			Broken/Missing Elements, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout.					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Left End Of The Wall, Facing From Payson Ave.					
			Explanation : 127ft Long Rubble Wall Section Can Be Found At The Left End Of The Wall, Facing From Payson Ave.					
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 10-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,400			
<b>Total</b>	<b>\$21,400</b>			
Importance Code A	\$21,400			
<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**  
**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	80%	4+	\$21,400	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 : Light, Area Affected : 5%</i>					
			<i>Location : Throughout.</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout.</i>					
Masonry:Schist/Gneiss	20%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 26-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$23,000			
<b>Total</b>	<b>\$23,000</b>			
Importance Code A	\$23,000			
<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**  
**INWOOD HILL PARK RETAINING WALL BEHIND THE HANDBALL COURTS**  
**Asset # : 14339**

Retaining Walls		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+	\$23,000	LIFE	* *	5	\$300	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout The Top 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 : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 26-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,300			
<b>Total</b>	<b>\$4,300</b>			
Importance Code A	\$4,300			
<b>Total</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**  
**INWOOD HILL PARK RETAINING WALL BEHIND THE HILL W. OF BALLFIELDS**  
**Asset # : 14340**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Wall/Fence								
	Metal Fence	35%	4+	\$800	LIFE	* *	4-8	\$100	
		Impact Damage, Extent : Light, Area Affected : 5%							
		Location : Approximately 10 Feet From The Upper End Of The Wall.							
	Rubble Stone	65%	4+	\$3,500	LIFE	* *	5	\$200	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout The Top Of The Wall							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Throughout.							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Throughout.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$64,500	
<b>Total</b>	<b>\$64,500</b>	
Importance Code A	\$64,500	
<b>Total</b>	<b>\$64,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,200			
<b>Total</b>	<b>\$3,200</b>			
Importance Code A				
Importance Code B	\$3,200			
<b>Total</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**  
**INWOOD HILL PARK RETAINING WALL BET @ PAYSON AND EMMERSON**  
**Asset # : 14310**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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+	\$3,200	LIFE	* *	5		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout At Vertically Laid Coping								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout The Wall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 46 Feet From The North End Of Wall To The South End Of Wall								
Explanation : Vertically Laid Coping Stones								
No Component	20%							
Wall/Fence								
Rubble Stone	10%	0-2	\$25,800	LIFE	* *	5	\$100	
Misaligned/Bulging, Extent : Severe, Area Affected : 70%								
Location : 20 Feet Long, 12 Inch Bulge, 70 Feet From The North End Of Wall								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Fill Behind The Wall								
Explanation : Limited Access Due To Snow Covering								
Rubble Stone	90%	4+	\$38,700	LIFE	* *	5	\$1,000	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Missing Stone At Pylon, 2 Sqft, Near South End Of Wall								
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : 10 Feet Long, 2 Inch Bulge, 136 Feet From The North End Of Wall								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : 50 Feet From The North End Of Wall								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : Majority Type Of Stone Is Schist/ Gnies								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

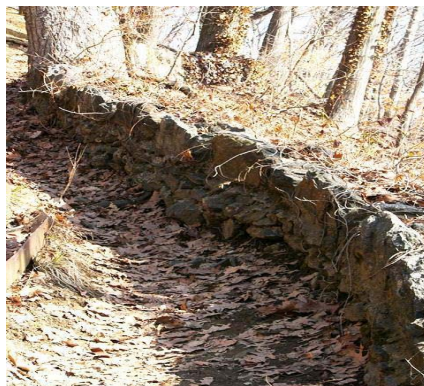
**Asset Name** : INWOOD HILL PARK RETAINING WALL EAST FACING ESCARPMENT #6  
**Address** : DOWN SLOPE AND E. OF 14332/14333 MAIN PATH TO HH BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0005.037 / 14335 **Yr Built/Renovated** :  
**Area Sq Ft** : 360 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$20,100			
<b>Total</b>	<b>\$20,100</b>			
Importance Code A	\$10,200			
Importance Code B	\$10,000			
<b>Total</b>	<b>\$20,100</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 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	\$10,000	LIFE	**	5		
				Broken/Missing Elements, Extent : Light, Area Affected : 5%					
				Location : Throughout.					
				Vegetation Growth, Extent : Light, Area Affected : 15%					
				Location : Random Locations Throughout.					
				Other Observation, Extent : Severe, Area Affected : 60%					
				Location : Approximately 20 Feet From The Upper End Of The Wall.					
				Explanation : Severely Bulged Section Caused Coping To Crack					
Wall/Fence									
	Rubble Stone	5%	Now	\$2,100	LIFE	**	5		
				Other Observation, Extent : Severe, Area Affected : 100%					
				Location : Approximately 20 Feet From The Upper End Of The Wall.					
				Explanation : Bulged Section With Exposed Earth Due To A Tree Growing In The Wall Causing Excess Pressure On The Stones.					
	Rubble Stone	95%	4+	\$8,100	LIFE	**	5	\$100	
				Broken/Missing Elements, Extent : Light, Area Affected : 5%					
				Location : Throughout.					
				Efflorescence, Extent : Light, Area Affected : 5%					
				Location : Throughout.					
				Misaligned/Bulging, Extent : Light, Area Affected : 10%					
				Location : Approximately 2 Inch Misaligned And 17 Feet Long Bulge Section Is Located Approximately 20 Feet From The Upper End Of The Wall.					
				Vegetation Growth, Extent : Moderate, Area Affected : 10%					
				Location : Throughout.					
				Other Observation, Extent : Light, Area Affected : 5%					
				Location : Near The South End.					
				Explanation : Small Portion Of Wall Is Founded On Bedrock					
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

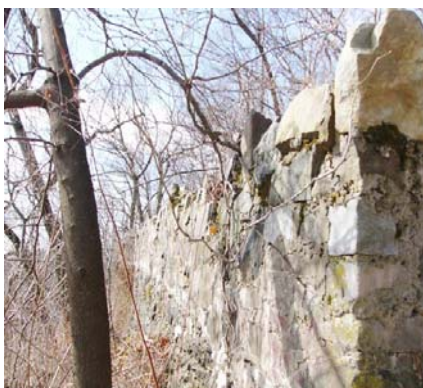
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$69,500	
<b>Total</b>	<b>\$69,500</b>	
Importance Code A	\$69,500	
<b>Total</b>	<b>\$69,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,000			
<b>Total</b>	<b>\$2,000</b>			
Importance Code A				
Importance Code B	\$2,000			
<b>Total</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**  
**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)	
Wall	Coping							
	Rubble Stone	100%	4+	\$2,000	LIFE	* *	5	\$100
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%						
		Location : Throughout.						
		Vegetation Growth, Extent : Moderate, Area Affected : 20%						
		Location : Throughout.						
Wall/Fence	Rubble Stone	100%	4+	\$69,500	LIFE	* *	5	\$900
		Broken/Missing Elements, Extent : Light, Area Affected : 10%						
		Location : Throughout.						
		Efflorescence, Extent : Moderate, Area Affected : 5%						
		Location : Throughout.						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%						
		Location : Random Locations Throughout.						
		Recent Repair Evident, Extent : Light, Area Affected : 10%						
		Location : Throughout The Top Portion.						
		Vegetation Growth, Extent : Moderate, Area Affected : 10%						
		Location : Throughout.						
Base	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$26,900			
<b>Total</b>	<b>\$26,900</b>			
Importance Code A	\$26,900			
<b>Total</b>	<b>\$26,900</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 RETAINING WALL HIGH POINT OF E. SIDE OF PARK #8**  
**Asset # : 14334**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Wall/Fence								
	Rubble Stone	5%	Now	\$2,200	LIFE	* *	5		
		Broken/Missing Elements, Extent : Severe, Area Affected : 40%							
		Location : Approximately 10 Feet From The Higher Side Of The Wall.							
		Vegetation Growth, Extent : Severe, Area Affected : 50%							
		Location : Approximately 10 Feet From The Higher Side Of The Wall.							
	Rubble Stone	95%	4+	\$24,700	LIFE	* *	5	\$200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Throughout.							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Throughout.							
		Misaligned/Bulging, Extent : Light, Area Affected : 5%							
		Location : Approximately 8 In Misaligned Bulge Section, Approximately 30 Feet From The Right Side When Viewed From The Lower Grade Side.							
		Vegetation Growth, Extent : Moderate, Area Affected : 5%							
		Location : Throughout.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 24-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$22,000			
<b>Total</b>	<b>\$22,000</b>			
Importance Code A	\$22,000			
<b>Total</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**  
**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)	
Wall								
	Wall/Fence							
	Rubble Stone	3%	Now	\$8,400	LIFE	**	5	
		Broken/Missing Elements, Extent : Severe, Area Affected : 100% Location : Approximately 170 Feet From The Lower End Of The Wall.						
	Rubble Stone	97%	4+	\$13,600	LIFE	**	5	\$700
		Broken/Missing Elements, Extent : Light, Area Affected : 5% Location : Throughout. Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5% Location : Throughout. Misaligned/Bulging, Extent : Moderate, Area Affected : 2% Location : 10 Feet Long And 2 Inch Bulge Section Is Located Approximately 167 Feet From The Lower End Of The Wall. Recent Repair Evident, Extent : Light, Area Affected : 2% Location : Random Locations Throughout. Vegetation Growth, Extent : Moderate, Area Affected : 2% Location : Throughout.						
	Base							
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 24-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,600			
<b>Total</b>	<b>\$6,600</b>			
Importance Code A	\$3,800			
Importance Code B	\$2,800			
<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**  
**INWOOD HILL PARK RETAINING WALL LOOKOUT POINT E. OF DYCKMAN ST**  
**Asset # : 14330**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Schist/Gneiss	88%	4+	\$1,200	LIFE	* *	5		
		Broken/Missing Elements, Extent : Light, Area Affected : 2% Location : Approximately 90 Feet From The Left End Of The Wall, Facing Towards The River And At North Corner On The Park Side. Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2% Location : Throughout.							
	Masonry:Schist/Gneiss	12%	Now	\$1,600	LIFE	* *	5		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 100% Location : Beneath Broken Railing Facing The River							
Wall/Fence									
	Metal Fence	20%	4+	\$1,200	LIFE	* *	4-8	\$400	
		Deteriorated Finish, Extent : Moderate, Area Affected : 20% Location : Throughout.							
	Metal Fence	45%	Now	\$2,600	LIFE	* *	4-8	\$900	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 2% Location : Approximately 7 Feet Long Along River Side Of Wall Other Observation, Extent : Light, Area Affected : 2% Location : Adjacent To Broken Section Of Railing Along River Side Of Wall Explanation : Temporary Repair Evident							
	Masonry:Schist/Gneiss	35%	4+	\$40,400	LIFE	* *	5	\$600	
		Broken/Missing Elements, Extent : Light, Area Affected : 10% Location : Approximately 40 Feet And 60 Feet From The Left End Of The Wall, Facing Towards The River. Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2% Location : Random Locations Throughout. Misaligned/Bulging, Extent : Moderate, Area Affected : 2% Location : Bottom Of Wall On River Side. Vegetation Growth, Extent : Light, Area Affected : 5% Location : Random Locations Throughout. Other Observation, Extent : Moderate, Area Affected : 3% Location : Adjacent To Large Trees On Top Of Wall. Explanation : Displacement Of Stones.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 24-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$11,000			
<b>Total</b>	<b>\$11,000</b>			
Importance Code A	\$11,000			
<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 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)	
Wall	Wall/Fence							
	Rubble Stone	100%	4+	\$11,000	LIFE	* *	5	\$300
	<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>							
	<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$14,800			
<b>Total</b>	<b>\$14,800</b>			
Importance Code A	\$14,800			
<b>Total</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**  
**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	30%	4+	\$14,800	LIFE	* *	5	\$200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations.</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout.</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout.</i>								
<i>Explanation : Drywall</i>								
Not Accessible	70%							
Base								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$57,300	
<b>Total</b>	<b>\$57,300</b>	
Importance Code A	\$57,300	
<b>Total</b>	<b>\$57,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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+	\$57,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 04-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,200			
<b>Total</b>	<b>\$5,200</b>			
Importance Code A	\$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 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+	\$5,200	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 : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,700			
<b>Total</b>	<b>\$5,700</b>			
Importance Code A	\$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**  
**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+	\$4,500	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$27,700			
<b>Total</b>	<b>\$27,700</b>			
Importance Code A	\$25,700			
Importance Code B	\$2,000			
<b>Total</b>	<b>\$27,700</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 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	\$25,500	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,300			
<b>Total</b>	<b>\$9,300</b>			
Importance Code A	\$6,600			
Importance Code B	\$2,800			
<b>Total</b>	<b>\$9,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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								
Concrete	10%	4+		LIFE		**		
	Broken/Missing Elements, Extent : Light, Area Affected : 100%							
	Location : North End Of Wall							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : North End Of Wall							
Masonry:Schist/Gneiss	90%	4+	\$2,700	LIFE		**	5	
	Broken/Missing Elements, Extent : Light, Area Affected : 20%							
	Location : South End Of Wall							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : This Component Is Actually Bluestone							
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$6,600	LIFE		**	5	\$400
	Broken/Missing Elements, Extent : Light, Area Affected : 1%							
	Location : Random Locations Throughout Wall							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Cracks-Vertical, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout Wall							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$100,500	
<b>Total</b>	<b>\$100,500</b>	
Importance Code A	\$100,500	
<b>Total</b>	<b>\$100,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$15,600			
<b>Total</b>	<b>\$15,600</b>			
Importance Code A	\$300			
Importance Code B	\$15,400			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	100%	2-4	\$15,400	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	\$100,500	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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,200			
<b>Total</b>	<b>\$6,200</b>			
Importance Code A	\$3,900			
Importance Code B	\$2,200			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	70%	Now	\$2,200	LIFE	* *	5	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%							
	Location : Mostly On The North Face Of Wall							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : This Component Is Bluestone And It Has Been Painted							
	Masonry:Schist/Gneiss	30%			LIFE	* *	5	
Wall/Fence								
	Concrete	50%	4+	\$3,800	LIFE	* *	5	
	Soft Jts Deter/Miss, Extent : Light, Area Affected : 5%							
	Location : North Face Of Wall							
	Cracks-Vertical, Extent : Light, Area Affected : 5%							
	Location : Middle Of North Face Of Wall							
	Rubble Stone	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,600			
<b>Total</b>	<b>\$2,600</b>			
Importance Code A	\$200			
Importance Code B	\$2,400			
<b>Total</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**  
**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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$900			
<b>Total</b>	<b>\$900</b>			
Importance Code A	\$900			
Importance Code B				
<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**  
**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)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wall								
	Coping							
	Masonry:Schist/Gneiss	100%		LIFE	* *	5	\$100	
		<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	\$1,000	
		<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	\$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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$22,500			
<b>Total</b>	<b>\$22,500</b>			
Importance Code A	\$19,700			
Importance Code B	\$2,800			
<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**  
**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)	
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+	\$19,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 04-Apr-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$78,500	
<b>Total</b>	<b>\$78,500</b>	
Importance Code A	\$78,500	
<b>Total</b>	<b>\$78,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**J. HOOD WRIGHT PARK PERIMETER WALL**  
**Asset # : 14464**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	Now	\$1,300	LIFE	* *			
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
		Location : Close To The North End Of The Wall.							
		Recent Replace Evident, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
Wall/Fence	Masonry:Schist/Gneiss	100%	Now	\$78,500	LIFE	* *	5	\$1,100	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%							
		Location : Random Locations Throughout The Wall.							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Apr-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$55,500	
<b>Total</b>	<b>\$55,500</b>	
Importance Code A	\$55,500	
<b>Total</b>	<b>\$55,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall								
	Coping							
	Concrete	100%	Now	\$900	LIFE	* *		
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Ramdon Locations Throughout</i>						
Wall/Fence								
	Masonry:Schist/Gneiss	100%	Now	\$55,500	LIFE	* *	5	\$800
		<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Cracks-Vertical, Extent : Severe, 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 12-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$84,400	
<b>Total</b>	<b>\$84,400</b>	
Importance Code A	\$84,400	
<b>Total</b>	<b>\$84,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**J. HOOD WRIGHT PARK PERIMETER WALL**  
**Asset # : 14469**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	Now	\$1,400	LIFE		* *		
				Cracks-Horizontal, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout The Wall.					
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%					
				Location : Random Locations Throughout The Wall.					
Wall/Fence	Masonry:Schist/Gneiss	100%	Now	\$84,400	LIFE		* *	5	\$1,200
				Broken/Missing Elements, Extent : Severe, Area Affected : 10%					
				Location : Approximately 100 Feet From Park Entrance					
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
				Location : Random Locations Throughout					
				Misaligned/Bulging, Extent : Moderate, Area Affected : 20%					
				Location : Near Fort Washington Entrance					
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Jun-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$48,400	
<b>Total</b>	<b>\$48,400</b>	
Importance Code A	\$48,400	
<b>Total</b>	<b>\$48,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$700			
<b>Total</b>	<b>\$700</b>			
Importance Code A				
Importance Code B	\$700			
<b>Total</b>	<b>\$700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

Wall

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Jun-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$212,500	
<b>Total</b>	<b>\$212,500</b>	
Importance Code A	\$212,500	
<b>Total</b>	<b>\$212,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14467**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%	Now	\$5,300	LIFE	* *			
				Cracking/Crumbling, Extent : Severe, Area Affected : 50%					
				Location : Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : Random Locations Throughout					
				Spalling, Extent : Moderate, Area Affected : 15%					
				Location : Random Locations Throughout					
Wall/Fence									
	Masonry:Schist/Gneiss	100%	Now	\$212,500	LIFE	* *	5	\$3,000	
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : Random Locations Throughout					
Base									
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Apr-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$60,900	
<b>Total</b>	<b>\$60,900</b>	
Importance Code A	\$60,900	
<b>Total</b>	<b>\$60,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14468**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	Now	\$1,000	LIFE		* *		
				Cracks-Horizontal, Extent : Moderate, Area Affected : 30%					
				Location : Random Locations Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%					
				Location : Random Locations Throughout					
				Recent Repair Evident, Extent : Moderate, Area Affected : 20%					
				Location : Section Facing Park Side					
Wall/Fence	Masonry:Schist/Gneiss	100%	Now	\$60,900	LIFE		* *	5	\$900
				Broken/Missing Elements, Extent : Severe, Area Affected : 10%					
				Location : Approximately 75 Feet From Steps					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%					
				Location : Random Locations Throughout					
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Apr-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$64,100	
<b>Total</b>	<b>\$64,100</b>	
Importance Code A	\$64,100	
<b>Total</b>	<b>\$64,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14470**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%	Now	\$1,100	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : 20 Feet From South Of Feet Washington Avenue Entrance									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Wall/Fence									
	Masonry:Granite	100%	Now	\$64,100	LIFE		* *	5	\$900
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%									
Location : Approximately 20 Feet From Subway Entrance									
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Jun-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$700			
<b>Total</b>	<b>\$700</b>			
Importance Code A				
Importance Code B	\$700			
<b>Total</b>	<b>\$700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14471**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	Now	\$700	LIFE		* *		
				Cracking/Crumbling, Extent : Moderate, Area Affected : 15%					
				Location : Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
Wall/Fence	Masonry:Schist/Gneiss	100%	Now	\$42,700	LIFE		* *	5	\$600
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%					
				Location : Throughout					
				Staining/Scaling, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
Base	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 03-Jun-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$125,300	
<b>Total</b>	<b>\$125,300</b>	
Importance Code A	\$125,300	
<b>Total</b>	<b>\$125,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**J. HOOD WRIGHT PARK RETAINING WALL**  
**Asset # : 14472**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	Now	\$1,000	LIFE		* *		
				Broken/Missing Elements, Extent : Light, Area Affected : 2%					
				Location : 8ft South From North End Of Wall					
				Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 10%					
				Location : Various Locations Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%					
				Location : Various Locations Throughout					
				Misaligned/Bulging, Extent : Severe, Area Affected : 10%					
				Location : Approximately 150 Feet From Northeast Corner					
Wall/Fence	Masonry:Schist/Gneiss	100%	Now	\$125,300	LIFE		* *	5	\$1,800
				Efflorescence, Extent : Moderate, Area Affected : 20%					
				Location : Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%					
				Location : Throughout					
				Misaligned/Bulging, Extent : Moderate, Area Affected : 15%					
				Location : Approximately 10 Feet From Subway Entrance					
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$23,800			
<b>Total</b>	<b>\$23,800</b>			
Importance Code A	\$23,300			
Importance Code B	\$500			
<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**  
**JACKIE ROBINSON PARK PERIMETER/RETAINING WALL**  
**Asset # : 14473**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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+	\$500	LIFE	* *	5		
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout The Wall								
Misaligned/Bulging, Extent : Moderate, Area Affected : 13%								
Location : 2 To 3 Inch Bulging At The Middle Portion Of The Wall								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wall/Fence								
Masonry:Schist/Gneiss	100%	4+	\$23,300	LIFE	* *	5	\$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Middle Portion Of The Wall (Sidewalk Side)								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout The Wall.								
Misaligned/Bulging, Extent : Moderate, Area Affected : 13%								
Location : Up 3 Inch Bulge At The Middle Portion Of The Wall								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$304,700	\$43,500
<b>Total</b>	<b>\$304,700</b>	<b>\$43,500</b>
Importance Code A	\$304,700	\$43,500
<b>Total</b>	<b>\$304,700</b>	<b>\$43,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$41,800			
<b>Total</b>	<b>\$41,800</b>			
Importance Code A	\$23,200			
Importance Code B	\$18,600			
<b>Total</b>	<b>\$41,800</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* 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)	
Wall								
	Coping							
	Masonry:Granite	5%			LIFE	**	5	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : 80 Feet Of The North End Of The Wall</i> <i>Explanation : Open Abandoned Railing Post Holes At Top Of Coping.</i>						
	Masonry:Schist/Gneiss	95%	4+	\$18,600	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 : 11%</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>						
Wall/Fence								
	Metal Fence	9%	4+	\$23,200	LIFE	**	4-8	\$5,100
		<i>Loose Fastenings, Extent : Light, Area Affected : 1%</i> <i>Location : At 220 Feet, 404 Feet, 1230 Feet And 1290 Feet From North 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 : Throughout</i> <i>Explanation : Cast Iron Fence</i>						
	Metal Fence	1%			LIFE	**	4-8	\$600
		<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : South End</i> <i>Explanation : Chain Link Fence</i>						
	Masonry:Schist/Gneiss	90%	4+	\$304,700	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 : Approximately 30 Feet And 650 Feet From The South End Of The Wall</i> <i>Excess Worn/Erod Mat, Extent : Light, Area Affected : 8%</i> <i>Location : Erosion At 1367 Feet To 1378 Feet And 340 Feet To 395 Feet And 1170 Feet To 1228 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>Recent Repair Evident, Extent : Light, Area Affected : 10%</i> <i>Location : At The East Face Near The South End And The Middle Portion Of The Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 30%</i> <i>Location : Random Locations Throughout. 12 Inch Diameter Trunk At Base At The North End Of The Wall</i> <i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : At 970 Feet From The South End Of The Wall</i> <i>Explanation : Large Fallen Tree Leaning Against The Wall, Approximately 70 Feet Tall</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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	

Wall

Base

Not Accessible

100%

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 : 06-Mar-2014**      **Landmark Status : NONE**  
**Areas Surveyed :**  
**Block :                      Lot :                      BIN :                      :**

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$410,200	
<b>Total</b>	<b>\$410,200</b>	
Importance Code A	\$410,200	
<b>Total</b>	<b>\$410,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$18,700			
<b>Total</b>	<b>\$18,700</b>			
Importance Code A				
Importance Code B	\$18,700			
<b>Total</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**  
**JACKIE ROBINSON PARK PERIMETER/RETAINING WALL**  
**Asset # : 14475**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Schist/Gneiss	98%	4+	\$18,600	LIFE	* *	5	\$100	
	Broken/Missing Elements, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout, More Severe Towards North End, Starting At 835 Feet From The South End Of Wall								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Random Location Throughout								
	Misaligned/Bulging, Extent : Light, Area Affected : 5%								
	Location : 520 Feet From The South End Of Wall								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout, More Severe Between Top Of Wall And Coping								
	Masonry:Schist/Gneiss	2%	Now		LIFE	* *	5		
	Broken/Missing Elements, Extent : Light, Area Affected : 1%								
	Location : 540 Feet From The South End Of Wall								
	Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
	Location : 250 Feet And 350 Feet From The South End Of Wall								
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$410,200	LIFE	* *	5	\$11,700	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : 490 Feet, 500 Feet, 590 Feet From South End, And Small Spots At Various Locations Throughout The Wall								
	Cracks-Diagonal, Extent : Light, Area Affected : 5%								
	Location : 20 Feet Long Crack, 660 Feet From The South End Of Wall, And 30 Feet Long Crack, 700 Feet From The South End Of Wall								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Various Locations Throughout, More Severe Towards The North End								
	Misaligned/Bulging, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,600			
<b>Total</b>	<b>\$2,600</b>			
Importance Code A	\$2,600			
<b>Total</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**  
**JACKIE ROBINSON PARK RETAINING WALL**  
**Asset # : 14476**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%			LIFE		* *		
Wall/Fence								
Masonry:Brownstone	15%	4+	\$2,600	LIFE		* *	5	\$200
Cracks-Diagonal, Extent : Light, Area Affected : 1%								
Location : 44 Feet From The North End Of The Wall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout.								
Explanation : Actual Wall Construction Is Clay Brick Masonry. Masonry Brownstone Used In This Report Solely For Unit Costing.								
Masonry:Brownstone	85%			LIFE		* *	5	\$1,300
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Actual Wall Construction Is Clay Brick Masonry. Masonry Brownstone Used In This Report Solely For Unit Costing.								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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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**  
**JACKIE ROBINSON PARK RETAINING WALL**

**Asset # : 14477**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%			LIFE	* *			
Wall/Fence									
	Concrete	100%			LIFE	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout.									
Explanation : It Is Assumed That The Brick Is A Veneer Over A Concrete Base.									
Base									
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$100			
<b>Total</b>	<b>\$100</b>			
Importance Code A	\$100			
Importance Code B				
<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 # : 14478**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	10%	4+		LIFE		* *		
		Broken/Missing Elements, Extent : Light, Area Affected : 1%							
		Location : North End Of Wall							
	Concrete	90%			LIFE		* *		
Wall/Fence									
	Concrete	2%	4+	\$100	LIFE		* *	5	
		Broken/Missing Elements, Extent : Light, Area Affected : 1%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Middle Portion Of The Wall (West Face).							
	Concrete	98%			LIFE		* *	5	\$200
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout.							
		Explanation : It Is Assumed That The Brick Is A Veneer Over A Concrete Base.							
Base									
	Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 06-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$36,200	
<b>Total</b>	<b>\$36,200</b>	
Importance Code A	\$36,200	
<b>Total</b>	<b>\$36,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,500			
<b>Total</b>	<b>\$9,500</b>			
Importance Code A	\$4,800			
Importance Code B	\$4,700			
<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**  
**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)	
Wall								
	Coping							
	Concrete	100%	2-4	\$4,700	LIFE	* *		
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%						
		Location : 56 Feet To 90 Feet From North End Of Wall At East Face						
		Efflorescence, Extent : Light, Area Affected : 10%						
		Location : 90 Feet From North End Of Wall At East Face						
Wall/Fence								
	Concrete	67%	4+	\$34,500	LIFE	* *	5	\$300
		Cracks-Diagonal, Extent : Light, Area Affected : 5%						
		Location : 90 Feet From South End						
		Efflorescence, Extent : Light, Area Affected : 10%						
		Location : Northern Half Of Wall At East Face						
		Misaligned/Bulging, Extent : Light, Area Affected : 2%						
		Location : 60 Feet From South End At East Face Of Wall						
		Staining/Scaling, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout The Wall						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Along Entire Wall						
		Explanation : Wall Is Built With Brick						
	Concrete	8%	4+	\$1,700	LIFE	* *	5	
		Cracks-Vertical, Extent : Light, Area Affected : 2%						
		Location : Near South End Of Wall At East Face						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : South End Portion Of Wall						
		Explanation : Lower Portion Of Wall Is Built With Concrete						
	Metal Fence	25%	4+	\$4,800	LIFE	* *	4-8	\$800
		Deteriorated Finish, Extent : Light, Area Affected : 20%						
		Location : Random Locations Throughout, More Severe At Southern Half Of Wall						
		Impact Damage, Extent : Light, Area Affected : 2%						
		Location : Near South End, East Face Of Wall						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 19-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$131,300	
<b>Total</b>	<b>\$131,300</b>	
Importance Code A	\$131,300	
<b>Total</b>	<b>\$131,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,500			
<b>Total</b>	<b>\$5,500</b>			
Importance Code A				
Importance Code B	\$5,500			
<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**  
**JACKIE ROBINSON PARK RETAINING WALL**  
**Asset # : 14480**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%	4+	\$5,500	LIFE		* *		
			Cracking/Crumbling, Extent : Light, Area Affected : 2%					
			Location : Approximately 35 Feet From The South End Of The Wall					
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%					
			Location : Random Locations Throughout The Wall					
			Misaligned/Bulging, Extent : Light, Area Affected : 4%					
			Location : Coping Stone Is Shifted Up To 3 Inches Outward At Middle Portion Of The Wall					
			Vegetation Growth, Extent : Light, Area Affected : 5%					
			Location : Middle Portion Of The Wall					
Wall/Fence								
Masonry:Brownstone	100%	4+	\$131,300	LIFE		* *	5	\$1,200
			Broken/Missing Elements, Extent : Light, Area Affected : 3%					
			Location : At Benches Along The Base At The North Half Of The Wall					
			Cracks-Diagonal, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout The Wall					
			Efflorescence, Extent : Light, Area Affected : 5%					
			Location : Random Locations Throughout The Wall					
			Cracks-Horizontal, Extent : Moderate, Area Affected : 10%					
			Location : Random Locations Throughout The Top Half Of The Wall					
			Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
			Location : Random Locations Throughout The Wall					
			Misaligned/Bulging, Extent : Light, Area Affected : 1%					
			Location : Less Than 1 Inch Bulge Approximately 80 Feet From The North End					
			Cracks-Vertical, Extent : Light, Area Affected : 2%					
			Location : Random Locations Throughout The Wall					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Entire Length Of Wall					
			Explanation : Actual Wall Construction Is Clay Brick Masonry. Masonry Brownstone Wall Type Used Solely For Unit Costing.					
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**


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**Total**

Importance Code

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**Total**
**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**  
**JEROME AVE GREENSTREET PARK RETAINING WALL**  
**Asset # : 14598**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,900			
<b>Total</b>	<b>\$2,900</b>			
Importance Code A	\$2,800			
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	60%	4+		LIFE		* *		
		Cracking/Crumbling, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	No Component	40%							
Wall/Fence									
	Concrete	40%			LIFE		* *	5	
	Metal Fence	40%	4+	\$1,300	LIFE		* *	4-8	\$200
		Impact Damage, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Explanation : Section Loss							
	Masonry:Schist/Gneiss	20%	4+	\$1,600	LIFE		* *	5	\$100
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,600			
<b>Total</b>	<b>\$9,600</b>			
Importance Code A	\$7,600			
Importance Code B	\$1,900			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Concrete	100%	2-4	\$1,900	LIFE	* *		
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Cracking/Crumbling, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Throughout						
Wall/Fence								
	Metal Fence	45%	4+	\$5,300	LIFE	* *	4-8	\$900
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
		Misaligned/Bulging, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
	Masonry:Schist/Gneiss	20%	4+	\$2,300	LIFE	* *	5	\$300
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%						
		Location : Random Locations Throughout						
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

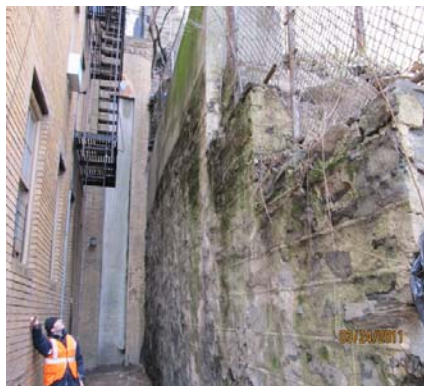
**Asset Name** : JEROME SLOPE PARK RETAINING WALL  
**Address** : JEROME AVE BET E164 AND E165 STS SOUTH END OF PARK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : PAR0250.003 / 14601 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,248 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Nov-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,800			
<b>Total</b>	<b>\$10,800</b>			
Importance Code A	\$10,800			
<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**  
**JEROME SLOPE PARK RETAINING WALL**

**Asset # : 14601**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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+	\$3,400	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+	\$7,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$172,900	
<b>Total</b>	<b>\$172,900</b>	
Importance Code A	\$172,900	
<b>Total</b>	<b>\$172,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,500			
<b>Total</b>	<b>\$6,500</b>			
Importance Code A	\$3,200			
Importance Code B	\$3,300			
<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**  
**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								
	Concrete	100%	4+	\$3,300	LIFE	* *			
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : North End Of Stairway Entrance To Playground							
		Cracks-Vertical, Extent : Moderate, Area Affected : 2%							
		Location : Scattered At Vertical Joint							
Wall/Fence									
	Concrete	40%	2-4	\$172,900	LIFE	* *	5	\$900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : At Upper Portion Of Wall And Scattered Throughout							
		Deteriorated Finish, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout							
		Spalling, Extent : Moderate, Area Affected : 5%							
		Location : At Edge Fence Support And Random Locations Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
	Concrete	40%			LIFE	* *	5	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Brick Wall With Concrete Facing							
	Metal Fence	20%	4+	\$3,200	LIFE	* *	4-8	\$2,700	
		Impact Damage, Extent : Light, Area Affected : 5%							
		Location : South End Of Wall							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



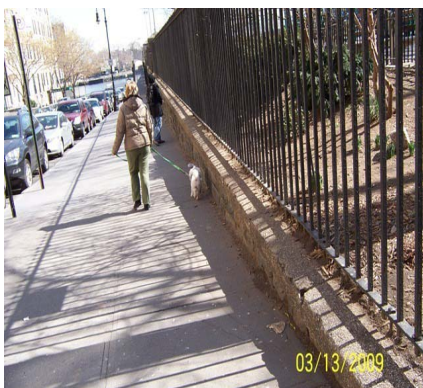
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$442,800	
<b>Total</b>	<b>\$442,800</b>	
Importance Code A	\$442,800	
<b>Total</b>	<b>\$442,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$13,000			
<b>Total</b>	<b>\$13,000</b>			
Importance Code A				
Importance Code B	\$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**  
**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)	
Wall	Coping							
	Concrete	100%	Now	\$13,000	LIFE	* *		
		Broken/Missing Elements, Extent : Moderate, Area Affected : 15%						
		Location : At The End Of The Ramp On 78th Street Side						
		Other Observation, Extent : Moderate, Area Affected : 10%						
		Location : 57 Feet Up To The Ramp From The End Of The Ramp On 78th Street Side.						
		Explanation : Exposed Reinforcement.						
Wall/Fence	Metal Fence	20%	Now	\$105,200	LIFE	* *	4-8	\$1,700 1
		Broken/Missing Elements, Extent : Severe, Area Affected : 20%						
		Location : Throughout						
		Deteriorated Finish, Extent : Severe, Area Affected : 50%						
		Location : Throughout.						
	Metal Fence	15%			LIFE	* *	4-8	\$1,300
		Recent Replace Evident, Extent : Moderate, Area Affected : 100%						
		Location : North Of 78street						
	Masonry:Schist/Gneiss	65%	Now	\$337,500	LIFE	* *	5	\$4,800
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%						
		Location : Throughout						
		Staining/Scaling, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						
		Vegetation Growth, Extent : Moderate, Area Affected : 15%						
		Location : Throughout						
Base	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

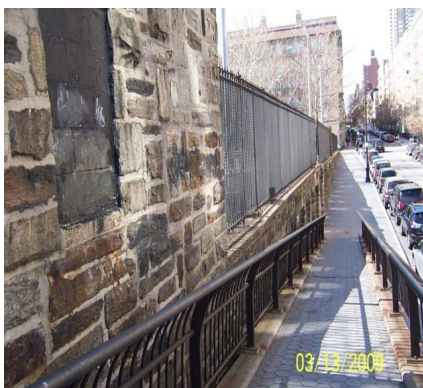
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$491,500	
<b>Total</b>	<b>\$491,500</b>	
Importance Code A	\$491,500	
<b>Total</b>	<b>\$491,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$24,100			
<b>Total</b>	<b>\$24,100</b>			
Importance Code A				
Importance Code B	\$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**  
**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)	
Wall	Coping							
	Concrete	100%	Now	\$24,100	LIFE	**		
		Broken/Missing Elements, Extent : Severe, Area Affected : 50%						
		Location : Throughout.						
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%						
		Location : Throughout						
Wall/Fence	Metal Fence	40%	Now	\$58,500	LIFE	**	4-8	\$3,200
		Broken/Missing Elements, Extent : Moderate, Area Affected : 25%						
		Location : Throughout						
		Deteriorated Finish, Extent : Severe, Area Affected : 50%						
		Location : Throughout.						
	Masonry:Schist/Gneiss	60%	Now	\$433,000	LIFE	**	5	\$4,100
		Cracks-Diagonal, Extent : Moderate, Area Affected : 15%						
		Location : 15 Feet From The Right Side Of The Wall Facing From F.D.R Drive.						
		Efflorescence, Extent : Light, Area Affected : 20%						
		Location : Throughout.						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%						
		Location : Throughout.						
		Vegetation Growth, Extent : Light, Area Affected : 20%						
		Location : Throughout.						
Base	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,100			
<b>Total</b>	<b>\$2,100</b>			
Importance Code A	\$800			
Importance Code B	\$1,300			
<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**  
**MACOMBS DAM PARK RETAINING WALL**  
**Asset # : 14603**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%	4+	\$1,300	LIFE		* *		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 15%							
		Location : Random Locations Throughout							
		Spalling, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Wall/Fence									
	Masonry:Schist/Gneiss	100%			LIFE		* *	5	\$1,600
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : MARCUS GARVEY PARK PERIMETER WALL  
**Address** : MT. MORRIS PK. WEST FROM W123 ST TO W122 ST  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.005 / 14481 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,065 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$27,400			
<b>Total</b>	<b>\$27,400</b>			
Importance Code A	\$25,300			
Importance Code B	\$2,100			
<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**  
**MARCUS GARVEY PARK PERIMETER WALL**  
**Asset # : 14481**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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+	\$2,100	LIFE	* *	5		
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Random Locations Throughout The Wall.								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout The East Face Of The Wall.								
	Misaligned/Bulging, Extent : Light, Area Affected : 4%								
	Location : Misaligned Around 1 inch Vertically At 121 Feet From The South								
Wall/Fence									
	Metal Fence	46%	4+	\$8,600	LIFE	* *	4-8	\$1,000	
	Loose Fastenings, Extent : Light, Area Affected : 2%								
	Location : Metal Fence Post At 131 Feet From The South.								
	Misaligned/Bulging, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Masonry:Schist/Gneiss	54%	4+	\$16,600	LIFE	* *	5	\$1,000	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : At 30 Feet From The South.								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
	Location : Random Locations Throughout The East Face Of The Wall.								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : MARCUS GARVEY PARK PERIMETER WALL  
**Address** : MT. MORRIS PK.WEST FROM W122 ST TO W121 ST  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.006 / 14482 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,030 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$25,800			
<b>Total</b>	<b>\$25,800</b>			
Importance Code A	\$24,700			
Importance Code B	\$1,100			
<b>Total</b>	<b>\$25,800</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 PERIMETER WALL**  
**Asset # : 14482**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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+	\$1,100	LIFE	* *	5		
	Broken/Missing Elements, Extent : Light, Area Affected : 1%							
	Location : South Portion Of The Wall.							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout The Wall.							
Wall/Fence								
Metal Fence	47%	4+	\$8,700	LIFE	* *	4-8	\$1,000	
	Deteriorated Finish, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout							
Masonry:Schist/Gneiss	53%	4+	\$16,100	LIFE	* *	5	\$900	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%							
	Location : Random Locations Throughout The East Face Of The Wall.							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout The East Face Of The Wall.							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : MARCUS GARVEY PARK PERIMETER WALL  
**Address** : MT. MORRIS PK. WEST FROM W121 ST TO W120 ST  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.007 / 14483 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,223 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$56,600			
<b>Total</b>	<b>\$56,600</b>			
Importance Code A	\$53,300			
Importance Code B	\$3,300			
<b>Total</b>	<b>\$56,600</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**  
**MARCUS GARVEY PARK PERIMETER WALL**  
**Asset # : 14483**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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+	\$3,300	LIFE	* *	5		
	Broken/Missing Elements, Extent : Light, Area Affected : 1%								
	Location : Random Locations Throughout								
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout.								
	Misaligned/Bulging, Extent : Light, Area Affected : 7%								
	Location : 90 To 110 Feet From The South End.								
Wall/Fence									
	Metal Fence	50%	4+	\$29,200	LIFE	* *	4-8	\$1,600	
	Broken/Missing Elements, Extent : Light, Area Affected : 1%								
	Location : Random Locations Throughout.								
	Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
	Location : Throughout Entire Length.								
	Misaligned/Bulging, Extent : Light, Area Affected : 5%								
	Location : Bent Railing Random Locations Throughout.								
	Masonry:Schist/Gneiss	50%	4+	\$24,000	LIFE	* *	5	\$1,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
	Location : Random Locations Throughout.								
	Misaligned/Bulging, Extent : Light, Area Affected : 2%								
	Location : At The Middle Portion Of The Wall.								
	Vegetation Growth, Extent : Light, Area Affected : 5%								
	Location : Light Moss And Grass Vegetation At Various Locations Throughout.								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$93,500	
<b>Total</b>	<b>\$93,500</b>	
Importance Code A	\$93,500	
<b>Total</b>	<b>\$93,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,200			
<b>Total</b>	<b>\$10,200</b>			
Importance Code A	\$7,700			
Importance Code B	\$2,500			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%	2-4	\$2,500	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</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 35%</i>							
	<i>Location : Various Locations Throughout.</i>							
	Wall/Fence							
	Metal Fence	35%	4+	\$7,700	LIFE	* *	4-8	\$800
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 60%</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	65%	2-4	\$93,500	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 : Moderate, Area Affected : 35%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$14,500			
<b>Total</b>	<b>\$14,500</b>			
Importance Code A	\$11,800			
Importance Code B	\$2,700			
<b>Total</b>	<b>\$14,500</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 PARK RETAINING WALL**  
**Asset # : 14485**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	60%	Now	\$2,600	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 80%							
		Location : Random Locations Throughout The Wall							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 60%							
		Location : Random Locations Throughout The Wall							
	Concrete	40%	4+	\$100	LIFE	* *			
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
Wall/Fence									
	Masonry:Granite	15%	4+	\$800	LIFE	* *	5	\$100	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout The Wall							
	Masonry:Schist/Gneiss	85%	4+	\$11,000	LIFE	* *	5	\$600	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout The Wall							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout The Wall							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : MARCUS GARVEY PARK RETAINING WALL  
**Address** : EAST OF SOUTHERN LOOKOUT ALONG PATH TO STAIRS  
**Borough** : MANHATTAN **Agency's Number** : M058  
**Program / Asset #** : PAR0047.011 / 14486 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,812 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$54,100	
<b>Total</b>	<b>\$54,100</b>	
Importance Code A	\$54,100	
<b>Total</b>	<b>\$54,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,000			
<b>Total</b>	<b>\$9,000</b>			
Importance Code A				
Importance Code B	\$9,000			
<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**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14486**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	4+	\$4,500	LIFE		* *		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout, Missing Coping Stones 138 Feet To 143 Feet From South End</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 : 10%</i> <i>Location : Coping Displaced By 4 Inches, 50 Feet To 80 Feet From South End Of The Wall</i> <i>Vegetation Growth, Extent : Light, Area Affected : 20%</i> <i>Location : 80 Feet To 143 Feet From South End Of The Wall</i> <i>Other Observation, Extent : Moderate, Area Affected : 40%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Weather Of Coping Stone Approximately 0.25 Inch Section Loss</i>									
Wall/Fence	Masonry:Granite	100%	4+	\$54,100	LIFE		* *	5	\$1,500
<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>Misaligned/Bulging, Extent : Light, Area Affected : 3%</i> <i>Location : South Face Of Wall, 2 Inch Misaligned, 8 Feet Long Section, 126 Feet From South End</i> <i>Vegetation Growth, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>									
Base	Rubble Stone	10%	4+	\$4,400	LIFE		* *	5	
<i>Excess Worn/Erod Mat, Extent : Light, Area Affected : 100%</i> <i>Location : 8 Inches At 15 Feet Exposed At South End Of Wall</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$13,300			
<b>Total</b>	<b>\$13,300</b>			
Importance Code A	\$11,300			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$13,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14487**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 6%							
		Location : Random Locations Throughout							
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout The Wall.							
		Misaligned/Bulging, Extent : Light, Area Affected : 10%							
		Location : Misaligned Around 2 Inches Near The South End Of The Wall.							
Wall/Fence									
	Metal Fence	10%	4+	\$200	LIFE	* *	4-8	\$200	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Middle Of Railing							
	Masonry:Schist/Gneiss	90%	4+	\$11,000	LIFE	* *	5	\$1,600	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout The Wall.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,200			
<b>Total</b>	<b>\$4,200</b>			
Importance Code A	\$2,500			
Importance Code B	\$1,700			
<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**  
**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%	4+	\$1,700	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Random Locations Throughout							
		Efflorescence, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Loose/Delam Surface, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Throughout							
Wall/Fence									
	Masonry:Schist/Gneiss	50%	4+	\$2,500	LIFE	* *	5	\$100	
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Various Locations.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
		Location : Various Locations Throughout.							
	Masonry:Schist/Gneiss	50%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$25,100			
<b>Total</b>	<b>\$25,100</b>			
Importance Code A	\$20,900			
Importance Code B	\$4,200			
<b>Total</b>	<b>\$25,100</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 # : 14489**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Concrete	100%	Now	\$4,200	LIFE		* *		
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout The Wall							
		Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 20%							
		Location : Various Locations Throughout The Coping							
		Loose Elements, Extent : Light, Area Affected : 1%							
		Location : Near North End Of The Wall							
Wall/Fence									
	Masonry:Granite	100%	4+	\$20,900	LIFE		* *	5	\$1,200
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 100%							
		Location : Various Locations Throughout.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$48,100	
<b>Total</b>	<b>\$48,100</b>	
Importance Code A	\$48,100	
<b>Total</b>	<b>\$48,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,800			
<b>Total</b>	<b>\$7,800</b>			
Importance Code A	\$2,100			
Importance Code B	\$5,800			
<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**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14490**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Concrete	100%	4+	\$5,800	LIFE	* *			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
		Location : Near East End Portion Of The Wall							
		Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout The Coping							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%							
		Location : Random Locations Throughout The Coping							
Wall/Fence	Masonry:Granite	30%	4+	\$2,100	LIFE	* *	5	\$300	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 7%							
		Location : Random Locations Throughout The Wall							
	Masonry:Schist/Gneiss	70%	4+	\$48,100	LIFE	* *	5	\$700	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 8%							
		Location : Random Locations Throughout, More Severe At East End Of The Wall							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
		Location : Random Locations Throughout The Wall							
		Loose Elements, Extent : Light, Area Affected : 1%							
		Location : Near The West End Of The Wall At South Face							
		Misaligned/Bulging, Extent : Light, Area Affected : 5%							
		Location : Near East End Of The Wall Due To Settlement							
		Spalling, Extent : Light, Area Affected : 1%							
		Location : Near East End Of The Wall At South Face							
		Vegetation Growth, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$31,000			
<b>Total</b>	<b>\$31,000</b>			
Importance Code A	\$28,600			
Importance Code B	\$2,500			
<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**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14491**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	100%	4+	\$2,500	LIFE		* *		
			Cracking/Crumbling, Extent : Light, Area Affected : 2%					
			Location : 40 Feet From The South End Of Wall					
			Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 20%					
			Location : Throughout The Coping					
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%					
			Location : Random Locations Throughout The Coping					
Wall/Fence								
Masonry:Granite	5%	4+	\$700	LIFE		* *	5	
			Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 4%					
			Location : Random Locations Throughout The Wall					
Masonry:Schist/Gneiss	95%	4+	\$27,800	LIFE		* *	5	\$400
			Broken/Missing Elements, Extent : Moderate, Area Affected : 8%					
			Location : Random Locations Throughout The Wall, And 4 Square Feet Stone Missing Near South End					
			Cracks-Diagonal, Extent : Moderate, Area Affected : 5%					
			Location : 2 Inch Gap Between Vertical Joints Due To Settlement At South End					
			Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%					
			Location : Random Locations Throughout The Wall					
Base								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$423,600	
<b>Total</b>	<b>\$423,600</b>	
Importance Code A	\$423,600	
<b>Total</b>	<b>\$423,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,700			
<b>Total</b>	<b>\$10,700</b>			
Importance Code A				
Importance Code B	\$10,700			
<b>Total</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**  
**MARCUS GARVEY PARK RETAINING WALL**  
**Asset # : 14492**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Coping								
Concrete	85%	Now	\$5,700	LIFE		* *		
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout The Coping							
	Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout The Coping							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout The Coping							
Concrete	15%	Now	\$5,000	LIFE		* *		
	Broken/Missing Elements, Extent : Severe, Area Affected : 100%							
	Location : 0 To 5 Feet From The East End, And 0 To 62 Feet From The West End							
Wall/Fence								
Masonry:Schist/Gneiss	97%	0-2	\$387,600	LIFE		* *	5	\$5,500
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Random Locations Throughout The Wall							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout The Wall							
	Vegetation Growth, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout The Wall, 2 Feet Trunk Near Base Of Wall 80 Feet From The South End							
	Cracks-Vertical, Extent : Moderate, Area Affected : 7%							
	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							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Along The West Face Of Wall							
	Explanation : Vertical Cracks Along The Mortar Joints Have Approximately 2 Inches Separation.							
Masonry:Schist/Gneiss	3%	Now	\$36,000	LIFE		* *	5	\$200
	Broken/Missing Elements, Extent : Severe, Area Affected : 70%							
	Location : 0 To 5 Feet From The East End, And 0 To 62 Feet From The West End							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At East End, And West End							
	Explanation : Top Parapet Portion Of The Partially Collapsed							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 06-Mar-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$112,200	
<b>Total</b>	<b>\$112,200</b>	
Importance Code A	\$112,200	
<b>Total</b>	<b>\$112,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$17,700			
<b>Total</b>	<b>\$17,700</b>			
Importance Code A	\$4,900			
Importance Code B	\$12,800			
<b>Total</b>	<b>\$17,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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	95%	4+	\$10,600	LIFE	* *	5	\$100	
<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>								
Masonry:Granite	5%	2-4	\$2,200	LIFE	* *	5		
<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Cracking At Base Of Railing, 260 Feet From The North End Of Wall</i>								
Wall/Fence								
Metal Fence	15%	4+	\$4,900	LIFE	* *	4-8	\$1,500	
<i>Deteriorated Finish, Extent : Light, Area Affected : 30%</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	\$1,300	
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : At Granite Pilasters</i>								
Masonry:Schist/Gneiss	70%	4+	\$112,200	LIFE	* *	5	\$5,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The Wall</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 : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout The Wall</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 06-Mar-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$18,100			
<b>Total</b>	<b>\$18,100</b>			
Importance Code A	\$17,100			
Importance Code B	\$1,000			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$1,000	LIFE	**	5	
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout The Coping</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	15%	4+	\$1,000	LIFE	**	5	\$100
	<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout East And West Side</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : North End Of The Wall</i>							
	<i>Explanation : 1 Inch Diameter Steel Pipe, Approximately 10 Feet Tall Attached To The Wall</i>							
	Masonry:Schist/Gneiss	50%	4+	\$15,000	LIFE	**	5	\$400
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>							
	<i>Location : At 86 Feet And 130 Feet From The South End Of Wall, East Face</i>							
	<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : 50 Feet From The South End At East Face</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : South End Pillar, Leaning Approximately 1 Inch</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 10%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 06-Mar-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$57,300	
<b>Total</b>	<b>\$57,300</b>	
Importance Code A	\$57,300	
<b>Total</b>	<b>\$57,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$21,100			
<b>Total</b>	<b>\$21,100</b>			
Importance Code A	\$20,200			
Importance Code B	\$900			
<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**  
**MORNINGSIDE PARK RETAINING WALL CUT STONE W/GRANITE COPING**  
**Asset # : 14092**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Granite	90%	4+	\$900	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 40%							
		Location : Random Locations Throughout The Coping							
	Masonry:Granite	10%			LIFE	* *	5		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : South End Of The Wall							
		Explanation : Recent Coping Stones Replacement							
Wall/Fence									
	Metal Fence	30%	4+	\$7,000	LIFE	* *	4-8	\$500	
		Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
		Location : Random Locations Throughout Length Of Railing							
		Vegetation Growth, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout The Fence							
	Masonry:Granite	20%	4+	\$13,200	LIFE	* *	5	\$300	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout The Wall							
		Vegetation Growth, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout The Wall							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At South End Of Wall							
		Explanation : Recent Evidence Of Granite Pilaster Replacement And Repointing							
	Masonry:Schist/Gneiss	50%	4+	\$57,300	LIFE	* *	5	\$800	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout The Wall							
		Efflorescence, Extent : Light, Area Affected : 2%							
		Location : Pilaster Stone Joints At South End Of Wall							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%							
		Location : Random Locations Throughout The Wall							
		Vegetation Growth, Extent : Light, Area Affected : 20%							
		Location : Random Locations Throughout The Wall							
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : North End Portion Of The Wall							
		Explanation : Embankment Fill Is 4 Inches Higher Than Wall Height							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Feb-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$156,700	
<b>Total</b>	<b>\$156,700</b>	
Importance Code A	\$156,700	
<b>Total</b>	<b>\$156,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$43,800			
<b>Total</b>	<b>\$43,800</b>			
Importance Code A	\$36,100			
Importance Code B	\$7,700			
<b>Total</b>	<b>\$43,800</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 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	4%	4+	\$1,500	LIFE	**	5		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Face Of Coping</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Top And East Face Of Coping</i>								
Masonry:Granite	96%	4+	\$6,100	LIFE	**	5	\$100	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%</i>								
<i>Location : West Face Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Top And East Face Of Coping</i>								
Wall/Fence								
Metal Fence	10%	4+	\$14,900	LIFE	**	4-8	\$1,100	
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, Especially West Face</i>								
Masonry:Granite	10%	4+	\$21,200	LIFE	**	5	\$1,000	
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Face Of Wall</i>								
Masonry:Schist/Gneiss	5%	4+	\$18,400	LIFE	**	5	\$500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Face Of Wall</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Face Of Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Face Of Wall</i>								
Masonry:Schist/Gneiss	75%	4+	\$138,300	LIFE	**	5	\$7,200	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : East Face Of Wall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</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 : (3) Large Tree Trunks, 8 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Feb-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,700			
<b>Total</b>	<b>\$9,700</b>			
Importance Code A	\$7,900			
Importance Code B	\$1,800			
<b>Total</b>	<b>\$9,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**MORNINGSIDE PARK RETAINING WALL STACKED STONE**  
**Asset # : 14093**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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+	\$900	LIFE	* *	5			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%									
Location : Between Adjacent Stones At Random Locations Throughout The Length Of Wall									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout Entire Length Of Wall									
Explanation : Random Mix Of Granite And Schist/ Gnies Stones. Stones Are Oriented Vertically. Coping Is 33% Of Wall Area.									
Masonry:Schist/Gneiss	50%	4+	\$900	LIFE	* *	5			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%									
Location : Between Adjacent Stones At Random Locations Throughout The Length Of Wall									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Random Locations Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout Entire Length Of Wall									
Explanation : Random Mix Of Granite And Schist/ Gnies Stones. Stones Are Oriented Vertically. Coping Is 33% Of Wall Area.									
Wall/Fence									
Masonry:Granite	1%	2-4	\$1,300	LIFE	* *	5			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Throughout The Wall In Between Stones At Random Locations									
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%									
Location : 3 Inch Horizontal Deflection, 35 Feet And 80 Feet From The West End									
Masonry:Granite	24%	4+	\$1,300	LIFE	* *	5	\$200		
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Throughout The Wall In Between Stones At Random Locations									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Mostly At Eastern Half Of Wall									
Masonry:Schist/Gneiss	4%	2-4	\$5,300	LIFE	* *	5			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%									
Location : Throughout The Wall In Between Stones At Random Locations									
Misaligned/Bulging, Extent : Moderate, Area Affected : 50%									
Location : 3 Inch Horizontal Deflection 35 Feet And 80 Feet From The West End									
Masonry:Schist/Gneiss	71%			LIFE	* *	5	\$500		
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%									
Location : Throughout The Wall In Between Stones At Random Locations									
Vegetation Growth, Extent : Light, Area Affected : 5%									
Location : Mostly At Eastern Half Of Wall									
Base									
Not Accessible	100%								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 14-Feb-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$81,300	
<b>Total</b>	<b>\$81,300</b>	
Importance Code A	\$81,300	
<b>Total</b>	<b>\$81,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$36,000			
<b>Total</b>	<b>\$36,000</b>			
Importance Code A	\$26,600			
Importance Code B	\$9,400			
<b>Total</b>	<b>\$36,000</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**  
**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+	\$9,400	LIFE	* *	5	\$200	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wall/Fence								
Metal Fence	20%	4+	\$11,000	LIFE	* *	4-8	\$3,300	
<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry:Granite	5%	4+	\$15,600	LIFE	* *	5	\$700	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 25%</i>								
<i>Location : Localized Random Areas On East Face</i>								
Masonry:Schist/Gneiss	75%	4+	\$81,300	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>Vegetation Growth, Extent : Light, Area Affected : 25%</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 : 119 Street Or Mid-length Of Wall</i>								
<i>Explanation : Large Tree Growing At Top Of Wall Upheaving A 15 Feet Long Section For An Average Of 1.5 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 06-Mar-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$143,400	
<b>Total</b>	<b>\$143,400</b>	
Importance Code A	\$143,400	
<b>Total</b>	<b>\$143,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$8,000			
<b>Total</b>	<b>\$8,000</b>			
Importance Code A	\$1,900			
Importance Code B	\$6,000			
<b>Total</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**  
**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	
Wall								
Coping								
Masonry:Granite	10%	2-4	\$1,100	LIFE	**	5		
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 75%</i>							
	<i>Location : Random Locations Throughout</i>							
Masonry:Granite	90%	4+	\$4,900	LIFE	**	5		
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Staining/Scaling, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
Wall/Fence								
Metal Fence	28%			LIFE	**	4-8	\$700	
Metal Fence	2%	0-2	\$1,900	LIFE	**	4-8	\$100	
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : 158 Feet, And 275 Feet From The West End Of Wall</i>							
Masonry:Granite	40%	4+	\$72,500	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 : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Sloped Protection, Extent : Light, Area Affected : 5%</i>							
	<i>Location : 10 Feet Strip At West End Of Wall Along North Face</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 60%</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+	\$70,900	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 : 30%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 14-Feb-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$106,800	
<b>Total</b>	<b>\$106,800</b>	
Importance Code A	\$106,800	
<b>Total</b>	<b>\$106,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$43,700			
<b>Total</b>	<b>\$43,700</b>			
Importance Code A	\$30,200			
Importance Code B	\$13,500			
<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**  
**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	
Wall								
Coping								
Masonry:Granite	100%	4+	\$13,500	LIFE	* *	5	\$100	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Wall/Fence								
Metal Fence	20%	4+	\$7,900	LIFE	* *	4-8	\$2,400	
			<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Masonry:Granite	25%	4+	\$22,300	LIFE	* *	5	\$2,500	
			<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : In Open Joints Between Adjacent Stones On East And West Faces</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Areas On East Face</i>					
Masonry:Schist/Gneiss	55%	4+	\$106,800	LIFE	* *	5	\$5,600	
			<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>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Mostly On East Face Along Top And Bottom Portions Of Wall Full Length</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 15-Feb-2014 **Landmark Status** : HISTORICAL LANDMARK DISTRICT  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$382,700	
<b>Total</b>	<b>\$382,700</b>	
Importance Code A	\$382,700	
<b>Total</b>	<b>\$382,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$34,800			
<b>Total</b>	<b>\$34,800</b>			
Importance Code A	\$11,300			
Importance Code B	\$23,600			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$23,600	LIFE	* *	5	\$200
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%							
	Location : Joints Between Coping Stones Throughout The Wall Including End Pilasters At Center Lookout							
	Staining/Scaling, Extent : Light, Area Affected : 20%							
	Location : Top Of Coping Stones							
Wall/Fence								
	Metal Fence	4%	4+	\$11,000	LIFE	* *	4-8	\$800
	Deteriorated Finish, Extent : Moderate, Area Affected : 15%							
	Location : Throughout The Metal Railings							
	Metal Fence	1%	4+	\$300	LIFE	* *	4-8	\$200
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Middle Of Fence At The Top Of Railing							
	Explanation : Bent Railing							
	Masonry:Granite	10%	4+	\$77,900	LIFE	* *	5	\$1,800
	Broken/Missing Elements, Extent : Light, Area Affected : 1%							
	Location : Random Locations At East Face Of Wall							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%							
	Location : Joints Between Stones At East Face Of Wall							
	Misaligned/Bulging, Extent : Light, Area Affected : 2%							
	Location : South End Of Wall							
	Cracks-Vertical, Extent : Light, Area Affected : 2%							
	Location : North End Of Wall							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : West Face Of Wall							
	Explanation : Granite Portion Along West Face Of Wall Not Accessible							
	Masonry:Schist/Gneiss	5%	4+	\$33,900	LIFE	* *	5	\$900
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 30%							
	Location : Throughout The West Face Of Wall							
	Staining/Scaling, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout The West Face Of Wall							
	Vegetation Growth, Extent : Light, Area Affected : 20%							
	Location : Random Locations Throughout The West Face Of Wall							
	Masonry:Schist/Gneiss	80%	4+	\$271,000	LIFE	* *	5	\$14,200
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 3%							
	Location : Throughout East Face Of Wall Near Top Portion							
	Misaligned/Bulging, Extent : Light, Area Affected : 5%							
	Location : East Face, South Of Center Lookout And Northern End Of Wall							
	Vegetation Growth, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout East Face Of Wall							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : East Face, Random Locations Near The Northern End Of Wall							
	Explanation : 3 Inches To 8 Inches Tree Trunks							
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 27-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$13,900			
<b>Total</b>	<b>\$13,900</b>			
Importance Code A	\$12,400			
Importance Code B	\$1,500			
<b>Total</b>	<b>\$13,900</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**  
**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	100%	4+	\$1,500	LIFE	* *	5	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout The Coping							
	Loose/Delam Surface, Extent : Moderate, Area Affected : 5%							
	Location : Random Locations Throughout The Wall At East Face.							
	Recent Repair Evident, Extent : Light, Area Affected : 5%							
	Location : Previous Broken Missing Elements At West Face And Top Of Coping							
Wall/Fence								
	Metal Fence	10%	4+	\$1,000	LIFE	* *	4-8	\$200
	Deteriorated Finish, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout The Fence.							
	Recent Repair Evident, Extent : Light, Area Affected : 5%							
	Location : Guardrail Posts At The Middle Portion Of The Wall.							
	Masonry:Granite	90%	4+	\$11,400	LIFE	* *	5	\$1,600
	Broken/Missing Elements, Extent : Light, Area Affected : 1%							
	Location : Middle Portion Of The Wall.							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout The Wall, More Severe Towards Upper Portion Of The Wall.							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout At Joints, Vines At South End Of The Wall.							
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$99,000	
<b>Total</b>	<b>\$99,000</b>	
Importance Code A	\$99,000	
<b>Total</b>	<b>\$99,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,100			
<b>Total</b>	<b>\$6,100</b>			
Importance Code A	\$100			
Importance Code B	\$6,000			
<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**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14247**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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+	\$6,000	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+	\$44,700	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+	\$54,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$107,300	
<b>Total</b>	<b>\$107,300</b>	
Importance Code A	\$107,300	
<b>Total</b>	<b>\$107,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,000			
<b>Total</b>	<b>\$5,000</b>			
Importance Code A	\$100			
Importance Code B	\$4,900			
<b>Total</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**  
**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)	
Wall	Coping							
	Masonry:Granite	100%	4+	\$4,900	LIFE	**	5	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%						
		Location : Throughout With Most Severe Cases Between Coping Stone And Wall At South End						
Wall/Fence								
	Masonry:Granite	15%	2-4	\$48,400	LIFE	**	5	\$600
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15%						
		Location : West Face						
		Efflorescence, Extent : Moderate, Area Affected : 20%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%						
		Location : Throughout						
		Spalling, Extent : Moderate, Area Affected : 10%						
		Location : West Face						
	Masonry:Granite	84%	4+	\$58,900	LIFE	**	5	\$3,100
		Efflorescence, Extent : Moderate, Area Affected : 20%						
		Location : Random Locations Throughout						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%						
		Location : Throughout						
		Vegetation Growth, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Light, Area Affected : 5%						
		Location : West Face						
		Explanation : Clay Brick With No Defects						
	Steel Grating	1%	4+	\$100	2048	**		
		Deteriorated Finish, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Base								
	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$831,900	
<b>Total</b>	<b>\$831,900</b>	
Importance Code A	\$786,200	
Importance Code B	\$45,800	
<b>Total</b>	<b>\$831,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	
Wall								
Coping								
Masonry:Granite	100%	2-4	\$45,800	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>					
Wall/Fence								
Masonry:Granite	85%	2-4	\$559,200	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	\$227,000	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>					
Base								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$20,400			
<b>Total</b>	<b>\$20,400</b>			
Importance Code A	\$9,100			
Importance Code B	\$11,400			
<b>Total</b>	<b>\$20,400</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 # : 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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$11,400	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	\$176,800	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	\$18,100
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$657,300	\$57,300
<b>Total</b>	<b>\$657,300</b>	<b>\$57,300</b>
Importance Code A	\$657,300	\$57,300
<b>Total</b>	<b>\$657,300</b>	<b>\$57,300</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,200			
<b>Total</b>	<b>\$10,200</b>			
Importance Code B	\$10,200			
<b>Total</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**  
**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+	\$10,200	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	\$657,300	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,199,900	\$62,800
<b>Total</b>	<b>\$1,199,900</b>	<b>\$62,800</b>
Importance Code A	\$1,199,900	\$62,800
<b>Total</b>	<b>\$1,199,900</b>	<b>\$62,800</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$27,800			
<b>Total</b>	<b>\$27,800</b>			
Importance Code B	\$27,800			
<b>Total</b>	<b>\$27,800</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**  
**Asset # : 217**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Granite	5%	4+	\$27,800	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 80%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 40%							
		Location : Random Locations Throughout							
	Masonry:Granite	95%			LIFE	* *	5	\$800	
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$1,199,900	LIFE	* *	5	\$62,800	
		Broken/Missing Elements, Extent : Severe, Area Affected : 5%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 10%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Moderate, Area Affected : 50%							
		Location : Park Side Wall							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Walls	\$1,252,100	\$65,500
<b>Total</b>	<b>\$1,252,100</b>	<b>\$65,500</b>
Importance Code A	\$1,252,100	\$65,500
<b>Total</b>	<b>\$1,252,100</b>	<b>\$65,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Walls	\$2,900			
<b>Total</b>	<b>\$2,900</b>			
Importance Code B	\$2,900			
<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**  
**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+	\$2,900	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	\$1,252,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Walls	\$1,199,900	\$62,800
<b>Total</b>	<b>\$1,199,900</b>	<b>\$62,800</b>
Importance Code A	\$1,199,900	\$62,800
<b>Total</b>	<b>\$1,199,900</b>	<b>\$62,800</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Walls	\$11,100			
<b>Total</b>	<b>\$11,100</b>			
Importance Code B	\$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**  
**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+	\$11,100	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+	\$1,199,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Walls	\$378,200	\$49,500
<b>Total</b>	<b>\$378,200</b>	<b>\$49,500</b>
Importance Code A	\$378,200	\$49,500
<b>Total</b>	<b>\$378,200</b>	<b>\$49,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Walls	\$8,800			
<b>Total</b>	<b>\$8,800</b>			
Importance Code B	\$8,800			
<b>Total</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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$8,800	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	\$378,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls		\$53,700
<b>Total</b>		<b>\$53,700</b>
Importance Code A		\$53,700
<b>Total</b>		<b>\$53,700</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Granite	100%			LIFE	* *	5	\$700	
Wall/Fence									
	Masonry:Schist/Gneiss	100%			LIFE	* *	5	\$53,700	
		Cracks-Diagonal, Extent : Light, Area Affected : 1%							
		Location : Sidewalk Side							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Throughout Park Side							
		Recent Repair Evident, Extent : Light, Area Affected : 1%							
		Location : Sidewalk Side							
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Throughout							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$38,300	
<b>Total</b>	<b>\$38,300</b>	
Importance Code A	\$38,300	
<b>Total</b>	<b>\$38,300</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**RIVERSIDE PARK RETAINING WALL**  
**Asset # : 14227**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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+	\$1,300	LIFE	* *	5		
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
	Location : Throughout Between Coping Stone And Wall								
	Misaligned/Bulging, Extent : Light, Area Affected : 2%								
	Location : South End								
	Vegetation Growth, Extent : Light, Area Affected : 1%								
	Location : Middle Section								
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$38,300	LIFE	* *	5	\$2,000	
	Cracking/Crumbling, Extent : Light, Area Affected : 1%								
	Location : West Face 20 Feet From South End								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,900			
<b>Total</b>	<b>\$1,900</b>			
Importance Code A	\$200			
Importance Code B	\$1,700			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$1,700	LIFE	* *	5	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Vegetation Growth, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Wall/Fence								
	Masonry:Schist/Gneiss	92%	4+	\$45,200	LIFE	* *	5	\$2,400
	Broken/Missing Elements, Extent : Light, Area Affected : 1%							
	Location : West Face 50 Feet From South End							
	Cracking/Crumbling, Extent : Light, Area Affected : 1%							
	Location : 120 Feet From North & 65 Feet From South End							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
	Misaligned/Bulging, Extent : Light, Area Affected : 1%							
	Location : 60 Feet From South End							
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : North And South Ends							
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : On West Face 100 Feet From South End							
	Explanation : Steel Pipe							
	Masonry:Schist/Gneiss	8%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$36,100			
<b>Total</b>	<b>\$36,100</b>			
Importance Code A	\$34,800			
Importance Code B	\$1,400			
<b>Total</b>	<b>\$36,100</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 # : 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+	\$31,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$66,600	
<b>Total</b>	<b>\$66,600</b>	
Importance Code A	\$66,600	
<b>Total</b>	<b>\$66,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$26,700			
<b>Total</b>	<b>\$26,700</b>			
Importance Code A	\$20,800			
Importance Code B	\$5,900			
<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**  
**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	\$5,900	LIFE	**	5	\$100	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Wall/Fence								
Concrete	2%			LIFE	**	5		
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : North Abutment								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Blocking Doors And Windows At The Lower Level								
Explanation : Type Is Actually Concrete Masonry Units								
Metal Fence	20%	0-2	\$20,800	LIFE	**	4-8	\$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : 3rd Arch North								
Deteriorated Finish, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Masonry:Granite	78%	4+	\$66,600	LIFE	**	5	\$3,500	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Under Arches								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 25%								
Location : Throughout								
Loose Elements, Extent : Moderate, Area Affected : 2%								
Location : 7 Locations On East Face Of Northern End And 1 On West Face Of Northern End								
Misaligned/Bulging, Extent : Light, Area Affected : 1%								
Location : West And North End								
Staining/Scaling, Extent : Light, Area Affected : 10%								
Location : West Face Of Wall Arches Face Of Wall								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Top Of West Face Near South End								
Explanation : 2 Inch Bulge								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$735,200	
<b>Total</b>	<b>\$735,200</b>	
Importance Code A	\$688,100	
Importance Code B	\$47,200	
<b>Total</b>	<b>\$735,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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	\$47,200	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	\$78,000	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	\$610,100	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	\$1,800	
<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$33,600			
<b>Total</b>	<b>\$33,600</b>			
Importance Code A	\$31,000			
Importance Code B	\$2,600			
<b>Total</b>	<b>\$33,600</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 AND STAIRWELL WALL**  
**Asset # : 14228**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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+	\$2,600	LIFE	* *	5		
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
	Location : Random Locations Throughout								
	Misaligned/Bulging, Extent : Light, Area Affected : 5%								
	Location : Random Locations Throughout								
	Vegetation Growth, Extent : Light, Area Affected : 1%								
	Location : West Side								
Wall/Fence									
	Masonry:Schist/Gneiss	83%	2-4	\$30,200	LIFE	* *	5	\$4,000	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Broken South End East Side And West Middle Section Of Wall								
	Cracks-Diagonal, Extent : Light, Area Affected : 10%								
	Location : East Side Of Stairs								
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
	Location : Random Locations Throughout								
	Loose Elements, Extent : Light, Area Affected : 1%								
	Location : West Face 5 Feet From South End								
	Vegetation Growth, Extent : Light, Area Affected : 10%								
	Location : In Middle And North End Of West Side Of Wall								
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : Two Trees At North End								
	Explanation : 2-Inch Diameter Trees Growing In The Wall								
	Masonry:Schist/Gneiss	17%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

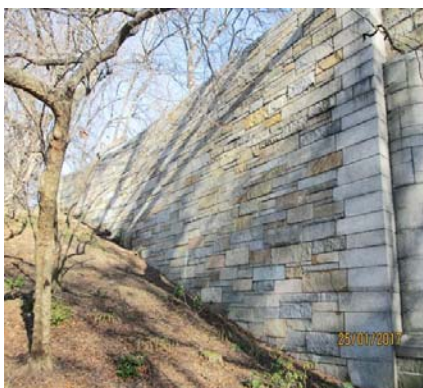
**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$24,800			
<b>Total</b>	<b>\$24,800</b>			
Importance Code A	\$24,700			
Importance Code B	\$100			
<b>Total</b>	<b>\$24,800</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 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)	
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	\$20,300	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	\$8,800
				<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$296,500	
<b>Total</b>	<b>\$296,500</b>	
Importance Code A	\$296,500	
<b>Total</b>	<b>\$296,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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)	
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+	\$73,500	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+	\$223,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$36,900			
<b>Total</b>	<b>\$36,900</b>			
Importance Code A	\$36,300			
Importance Code B	\$700			
<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 AT SAKURA PARK**  
**Asset # : 14238**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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		* *		
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%					
				Location : Throughout					
				Vegetation Growth, Extent : Moderate, Area Affected : 50%					
				Location : Throughout					
Wall/Fence									
	Masonry:Granite	2%	4+	\$300	LIFE		* *	5	
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%					
				Location : Throughout					
	Masonry:Limestone	20%	4+	\$7,300	LIFE		* *		
				Broken/Missing Elements, Extent : Severe, Area Affected : 1%					
				Location : At Corners					
				Cracking/Crumbling, Extent : Light, Area Affected : 1%					
				Location : At Corners					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%					
				Location : South Side					
				Vegetation Growth, Extent : Moderate, Area Affected : 50%					
				Location : Random Locations Throughout					
	Masonry:Schist/Gneiss	78%	4+	\$28,600	LIFE		* *	5	\$1,500
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%					
				Location : Random Locations Throughout					
				Vegetation Growth, Extent : Severe, Area Affected : 50%					
				Location : Middle And Northern Half					
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$1,636,200	
<b>Total</b>	<b>\$1,636,200</b>	
Importance Code A	\$1,564,300	
Importance Code B	\$71,900	
<b>Total</b>	<b>\$1,636,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$16,800			
<b>Total</b>	<b>\$16,800</b>			
Importance Code A	\$16,800			
Importance Code B				
<b>Total</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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%	4+	\$71,900	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+	\$565,800	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+	\$16,800	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+	\$998,500	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$23,000			
<b>Total</b>	<b>\$23,000</b>			
Importance Code A	\$17,900			
Importance Code B	\$5,100			
<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**  
**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	
Wall								
Coping								
Masonry:Granite	100%	2-4	\$5,100	LIFE	* *	5		
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Broken Edges At Random Locations In Middle Of Wall								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Wall/Fence								
Masonry:Granite	30%	4+	\$17,900	LIFE	* *	5	\$400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : West Face Painted Surfaces								
Masonry:Schist/Gneiss	70%	4+	\$36,400	LIFE	* *	5	\$1,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : North End East Face								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : North And South Ends								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$36,900	
<b>Total</b>	<b>\$36,900</b>	
Importance Code A	\$36,900	
<b>Total</b>	<b>\$36,900</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$19,600			
<b>Total</b>	<b>\$19,600</b>			
Importance Code A	\$4,600			
Importance Code B	\$15,000			
<b>Total</b>	<b>\$19,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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	
Wall								
Coping								
Masonry:Granite	86%	2-4	\$15,000	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+	\$36,900	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$2,295,400	\$57,000
<b>Total</b>	<b>\$2,295,400</b>	<b>\$57,000</b>
Importance Code A	\$2,295,400	\$57,000
<b>Total</b>	<b>\$2,295,400</b>	<b>\$57,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,600			
<b>Total</b>	<b>\$10,600</b>			
Importance Code A				
Importance Code B	\$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**  
**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+	\$10,600	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+	\$114,800	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+	\$2,180,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$270,500	
<b>Total</b>	<b>\$270,500</b>	
Importance Code A	\$270,500	
<b>Total</b>	<b>\$270,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
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		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 2%							
		Location : South East End							
	Masonry:Limestone	70%	2-4	\$2,300	LIFE	* *			
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Misaligned/Bulging, Extent : Moderate, Area Affected : 30%							
		Location : Along 72nd Street And Hudson Pkwy							
		Vegetation Growth, Extent : Moderate, Area Affected : 10%							
		Location : Along Hudson Pkwy							
Wall/Fence									
	Masonry:Schist/Gneiss	100%	Now	\$270,500	LIFE	* *	5	\$2,400	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : South And North Side Along 72nd Street							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
		Location : Throughout							
		Misaligned/Bulging, Extent : Severe, Area Affected : 20%							
		Location : Along 72nd Street And Over Rail Road Tracks							
		Vegetation Growth, Extent : Moderate, Area Affected : 20%							
		Location : North Side Of Wall At West End							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$31,900			
<b>Total</b>	<b>\$31,900</b>			
Importance Code A	\$21,600			
Importance Code B	\$10,300			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	90%	4+	\$10,300	LIFE	* *	5	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : Throughout With Most Severe Cases Between Coping Stone And Wall							
	Misaligned/Bulging, Extent : Light, Area Affected : 1%							
	Location : South Half Of Wall							
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : North End							
	Masonry:Granite	10%			LIFE	* *	5	
Wall/Fence								
	Masonry:Granite	50%	4+	\$20,500	LIFE	* *	5	\$1,100
	Efflorescence, Extent : Light, Area Affected : 2%							
	Location : South End							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
	Location : Throughout Both Faces Of Wall							
	Staining/Scaling, Extent : Light, Area Affected : 1%							
	Location : At West Face At Window And Electric Box Locations							
	Vegetation Growth, Extent : Light, Area Affected : 10%							
	Location : North End West Face							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Center Of Wall							
	Explanation : Arch Opening In The Wall							
	Masonry:Granite	50%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$340,700	
<b>Total</b>	<b>\$340,700</b>	
Importance Code A	\$340,700	
<b>Total</b>	<b>\$340,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,600			
<b>Total</b>	<b>\$6,600</b>			
Importance Code A				
Importance Code B	\$6,600			
<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**  
**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+	\$5,700	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+	\$228,200	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	\$112,500	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	\$2,000	
<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,300			
<b>Total</b>	<b>\$1,300</b>			
Importance Code A	\$700			
Importance Code B	\$500			
<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**  
**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	\$1,500	
<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	\$100	
<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$39,100	
<b>Total</b>	<b>\$39,100</b>	
Importance Code A	\$39,100	
<b>Total</b>	<b>\$39,100</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$36,600			
<b>Total</b>	<b>\$36,600</b>			
Importance Code A	\$900			
Importance Code B	\$35,700			
<b>Total</b>	<b>\$36,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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+	\$34,700	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+	\$20,000	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+	\$19,100	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	\$1,700	
Base								
Rubble Stone	100%			LIFE	* *	5	\$2,000	
<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$31,300			
<b>Total</b>	<b>\$31,300</b>			
Importance Code A	\$21,300			
Importance Code B	\$9,900			
<b>Total</b>	<b>\$31,300</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 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+	\$9,900	LIFE	* *	5		
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 15%								
Location : Throughout With Most Severe Cases Between Coping Stone And Wall At East End								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : South And West End								
Masonry:Granite	15%			LIFE	* *	5		
Wall/Fence								
Masonry:Granite	48%	4+	\$20,200	LIFE	* *	5	\$1,100	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : West Face South End And Adjacent To Arch								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%								
Location : East And West Faces Throughout								
Staining/Scaling, Extent : Light, Area Affected : 5%								
Location : East And West Faces Throughout And At Window And Electric Box Locations In West Face								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : South End								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Center Of Wall								
Explanation : Arch Opening In The Wall								
Masonry:Granite	52%			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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$129,200	
<b>Total</b>	<b>\$129,200</b>	
Importance Code A	\$129,200	
<b>Total</b>	<b>\$129,200</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$9,900			
<b>Total</b>	<b>\$9,900</b>			
Importance Code A	\$5,300			
Importance Code B	\$4,600			
<b>Total</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**  
**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+	\$4,600	LIFE	* *	5	\$100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Bottom Of Coping East Face Middle Of Wall								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Middle And South Portions Of Wall								
Wall/Fence								
Metal Fence	2%	0-2	\$5,300	LIFE	* *	4-8	\$200	
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Both Sides Of The Gate								
Explanation : Bottom Of Post 90 Percent Section Loss								
Masonry:Schist/Gneiss	98%	4+	\$129,200	LIFE	* *	5	\$6,800	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Arch On East Face Of Wall								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Between 93rd And 94th Street								
Vegetation Growth, Extent : Light, Area Affected : 35%								
Location : Middle And South End Of Wall								
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$75,800	
<b>Total</b>	<b>\$75,800</b>	
Importance Code A	\$75,800	
<b>Total</b>	<b>\$75,800</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,800			
<b>Total</b>	<b>\$7,800</b>			
Importance Code A	\$2,900			
Importance Code B	\$4,900			
<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**  
**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+	\$4,500	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+	\$75,800	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	\$5,700	
Base								
Concrete	100%			LIFE	* *	5	\$700	
<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

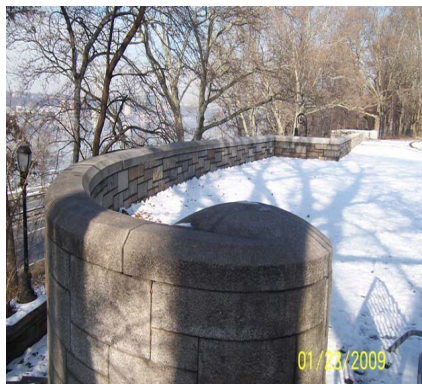
EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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Parks' Walls

**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)	
Wall								
	Coping							
	Masonry:Granite	100%			LIFE	**	5	
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%						
		Location : Vertical And Horizontal Joints At Random Locations Throughout Wall.						
	Wall/Fence							
	Metal Fence	20%			LIFE	**	4-8	\$900
		Deteriorated Finish, Extent : Light, Area Affected : 10%						
		Location : Gates Under Arches						
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Gates To Storage Area						
	Masonry:Granite	80%			LIFE	**	5	\$2,900
		Efflorescence, Extent : Light, Area Affected : 10%						
		Location : Under Arches And Random Locations Throughout Wall.						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%						
		Location : Vertical And Horizontal Joints At Random Locations Throughout Wall.						
		Staining/Scaling, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout The Wall.						
		Vegetation Growth, Extent : Light, Area Affected : 10%						
		Location : Middle Western Face Of Wall.						
	Base							
	Not Accessible	100%						
		Other Observation, Extent : Light, Area Affected : 0%						
		Location : Base Of Southern Stairs						
		Explanation : Severely Deteriorated Walkway In Front Of Wall. Not Accessible To Public.						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$36,000	
<b>Total</b>	<b>\$36,000</b>	
Importance Code A	\$36,000	
<b>Total</b>	<b>\$36,000</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	
Wall								
Coping								
Masonry:Granite	65%	4+	\$3,200	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		
Wall/Fence								
Masonry:Granite	100%	4+	\$36,000	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>							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$39,700			
<b>Total</b>	<b>\$39,700</b>			
Importance Code A	\$34,600			
Importance Code B	\$5,100			
<b>Total</b>	<b>\$39,700</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 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)	
Wall								
	Coping							
	Masonry:Granite	70%	4+	\$5,000	LIFE	* *	5	
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Misaligned/Bulging, Extent : Moderate, Area Affected : 10%						
		Location : East Face						
		Vegetation Growth, Extent : Light, Area Affected : 10%						
		Location : West Face						
	Masonry:Granite	30%			LIFE	* *	5	
Wall/Fence								
	Masonry:Granite	100%	4+	\$34,600	LIFE	* *	5	\$1,800
		Broken/Missing Elements, Extent : Light, Area Affected : 2%						
		Location : 60 Feet From North End						
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%						
		Location : Throughout The Western Face Of Wall						
		Misaligned/Bulging, Extent : Moderate, Area Affected : 5%						
		Location : East Face						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : 40 Feet From South End						
		Explanation : 25 Feet Wide Maintenance Entrance In Wall						
Base								
	Concrete	100%			LIFE	* *	5	\$200
		Other Observation, Extent : Light, Area Affected : 2%						
		Location : South End						
		Explanation : 2 Percent Of Base Is Visible With No Defects Observed						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$155,700	
<b>Total</b>	<b>\$155,700</b>	
Importance Code A	\$155,700	
<b>Total</b>	<b>\$155,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$54,200			
<b>Total</b>	<b>\$54,200</b>			
Importance Code A	\$49,000			
Importance Code B	\$5,200			
<b>Total</b>	<b>\$54,200</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**  
**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)	
Wall								
	Coping							
	Masonry:Brownstone	100%	Now	\$5,200	LIFE	* *	5	\$100
	<i>Cracks-Horizontal, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout.</i>							
	<i>Explanation : This Component Is Actually Bluestone.</i>							
Wall/Fence								
	Metal Fence	35%	Now	\$20,300	LIFE	* *	4-8	\$1,700
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	Masonry:Schist/Gneiss	10%	Now	\$28,700	LIFE	* *	5	\$400
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	Rubble Stone	55%	Now	\$155,700	LIFE	* *	5	\$1,900
	<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Along Jumel Terrace</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Along Jumel Terrace</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$276,500	
<b>Total</b>	<b>\$276,500</b>	
Importance Code A	\$276,500	
<b>Total</b>	<b>\$276,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$27,700			
<b>Total</b>	<b>\$27,700</b>			
Importance Code A	\$22,100			
Importance Code B	\$5,700			
<b>Total</b>	<b>\$27,700</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**  
**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)	
Wall								
	Coping							
	Masonry:Brownstone	100%	Now	\$5,700	LIFE	* *	5	\$100
				<i>Cracks-Horizontal, Extent : Light, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
				<i>Jnt Mortar Miss/Erod, 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 Bluestone.</i>				
Wall/Fence								
	Metal Fence	35%	Now	\$22,100	LIFE	* *	4-8	\$1,800
				<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Throughout</i>				
	Masonry:Brownstone	5%			LIFE	* *	5	\$100
				<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
				<i>Location : Throughout.</i>				
				<i>Explanation : This Component Is Actually Bluestone.</i>				
	Rubble Stone	60%	Now	\$276,500	LIFE	* *	5	\$2,300
				<i>Cracks-Diagonal, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Throughout</i>				
				<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : Along Jumel Terrace</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

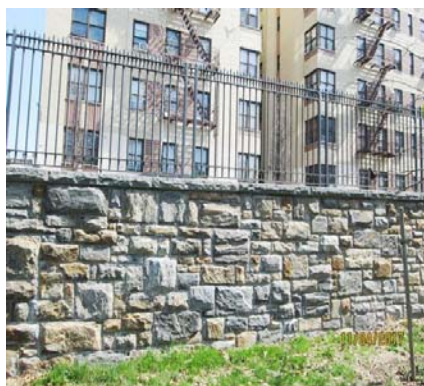
**Asset Name** : ST JAMES PARK RETAINING WALL  
**Address** : E193 ST AND MORRIS AVE SOUTH TO CRESTON AVE  
**Borough** : BRONX **Agency's Number** : X044  
**Program / Asset #** : PAR0074.005 / 14604 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,235 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 11-Apr-2017 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$2,500			
<b>Total</b>	<b>\$2,500</b>			
Importance Code A	\$2,500			
Importance Code B				
<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**  
**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	\$500	
Masonry:Schist/Gneiss	90%			LIFE	* *	5	\$4,600	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$7,800			
<b>Total</b>	<b>\$7,800</b>			
Importance Code A	\$7,800			
<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**  
**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)	
Wall								
	Wall/Fence							
	Metal Fence	10%	Now	\$3,400	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	\$8,700
				<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,600			
<b>Total</b>	<b>\$3,600</b>			
Importance Code A	\$3,600			
<b>Total</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**  
**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)	
Wall								
	Wall/Fence							
	Metal Fence	10%			LIFE	* *	4-8	\$700
				<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	\$6,600
				<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,100			
<b>Total</b>	<b>\$4,100</b>			
Importance Code A	\$4,100			
Importance Code B				
<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**  
**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)	
Wall								
	Coping							
	Masonry:Granite	100%		LIFE	* *	5	\$100	
		<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	\$800	
		<i>Deteriorated Finish, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Random Locations Throughout</i>						
	Masonry:Schist/Gneiss	90%		LIFE	* *	5	\$7,600	
		<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 06-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$122,500	
<b>Total</b>	<b>\$122,500</b>	
Importance Code A	\$122,500	
<b>Total</b>	<b>\$122,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,100			
<b>Total</b>	<b>\$3,100</b>			
Importance Code A	\$3,100			
<b>Total</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**  
**ST. NICHOLAS PARK RETAINING WALL NORTHWEST END W OF BALL COURTS**  
**Asset # : 14287**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall								
Wall/Fence								
Metal Fence	40%	4+	\$3,100	LIFE	* *	4-8	\$1,000	
	Deteriorated Finish, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Rubble Stone	40%	4+	\$91,900	LIFE	* *	5	\$800	
	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 : Base Of Metal Railings At Top Of Wall							
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 8%							
	Location : Random Locations Throughout At East Face Of Wall							
	Vegetation Growth, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout At East Face Of Wall							
Rubble Stone	20%	0-2	\$30,600	LIFE	* *	5	\$400	
	Broken/Missing Elements, Extent : Severe, Area Affected : 75%							
	Location : At South End, East Face Of Wall							
	Loose Elements, Extent : Moderate, Area Affected : 50%							
	Location : At South End, East Face Of Wall							
	Misaligned/Bulging, Extent : Moderate, Area Affected : 50%							
	Location : At South End, East Face Of Wall							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$83,400	
<b>Total</b>	<b>\$83,400</b>	
Importance Code A	\$83,400	
<b>Total</b>	<b>\$83,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$5,900			
<b>Total</b>	<b>\$5,900</b>			
Importance Code A	\$5,900			
<b>Total</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**  
**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)	
Wall								
	Wall/Fence							
	Metal Fence	13%	4+	\$700	LIFE	* *	4-8	\$600
		<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</i> <i>Explanation : Loose Chain-link Fence Post.</i>						
	Metal Fence	2%	Now	\$5,200	LIFE	* *	4-8	\$100
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Southwest Corner Of Wall</i> <i>Explanation : Detached Fence Post From Top Of Wall</i>						
	Masonry:Schist/Gneiss	80%	4+	\$51,300	LIFE	* *	5	\$2,900
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : At 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 : On South End Of Wall Along 128th Street</i> <i>Weepholes Not Funct, Extent : Severe, Area Affected : 1%</i> <i>Location : 75 Feet And 225 Feet, 430 Feet And 450 Feet From Corner Of Saint Nicholas Street And 128th Street</i> <i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : 380 Feet From Corner Of St. Nicholas And 128th Street</i> <i>Explanation : Water Infiltration At Middle Of Wall From Joints</i>						
	Masonry:Schist/Gneiss	5%	Now	\$32,100	LIFE	* *	5	\$200
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</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>						
Base								
	Not Accessible	100%						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*  
*Estimates are rounded to the nearest hundred dollars.*  
*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$12,700			
<b>Total</b>	<b>\$12,700</b>			
Importance Code A	\$12,700			
<b>Total</b>	<b>\$12,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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	\$12,700	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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 : Throughout.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$37,800			
<b>Total</b>	<b>\$37,800</b>			
Importance Code A	\$35,700			
Importance Code B	\$2,100			
<b>Total</b>	<b>\$37,800</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**  
**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+	\$2,100	LIFE	* *	5	\$100	
<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 : 2 inch - 20 Feet Long Portion Of Wall Misaligned Towards Park Side Located</i>								
<i>260 Feet From The South End Of The Wall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wall/Fence								
Metal Fence	4%	4+	\$700	LIFE	* *	4-8	\$200	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : 380 Feet From South End Of Wall</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Light Rust At Base Of Posts</i>								
Masonry:Schist/Gneiss	96%	4+	\$35,000	LIFE	* *	5	\$5,000	
<i>Cracks-Diagonal, Extent : Light, Area Affected : 1%</i>								
<i>Location : 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								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

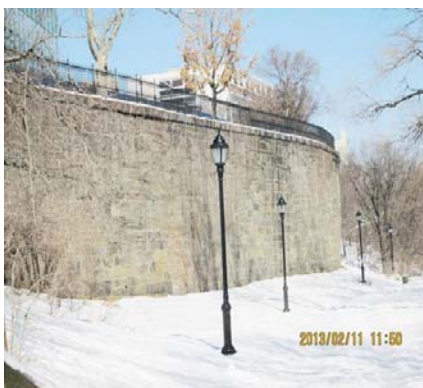
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 25-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$292,500	
<b>Total</b>	<b>\$292,500</b>	
Importance Code A	\$292,500	
<b>Total</b>	<b>\$292,500</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$27,600			
<b>Total</b>	<b>\$27,600</b>			
Importance Code A	\$16,900			
Importance Code B	\$10,700			
<b>Total</b>	<b>\$27,600</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**  
**ST. NICHOLAS PARK RETAINING WALL WEST SIDE PERIMETER WALL**  
**Asset # : 14290**

Retaining Walls		Current Repair			Future Replacement		Maintenance		
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			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%									
Location : Random Locations Throughout									
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%									
Location : Up To 6 Inch Misaligned Section, 87 Feet To 120 Feet And 420 Feet To 460 Feet From The North End									
Masonry:Schist/Gneiss	95%	4+	\$9,200	LIFE	* *	5	\$100		
Misaligned/Bulging, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : Random Locations Throughout, 8 Inch Roots At The 385 Feet From The South End									
End									
Wall/Fence									
Metal Fence	40%	4+	\$16,900	LIFE	* *	4-8	\$5,600		
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : 11 Feet From South End									
Impact Damage, Extent : Light, Area Affected : 1%									
Location : 128 Feet From South End									
Loose Fastenings, Extent : Moderate, Area Affected : 5%									
Location : Random Locations Throughout, More Severe At 305 Feet From South End									
Misaligned/Bulging, Extent : Light, Area Affected : 10%									
Location : Random Locations Throughout									
Masonry:Schist/Gneiss	5%	2-4	\$62,700	LIFE	* *	5	\$600		
Cracks-Diagonal, Extent : Moderate, Area Affected : 20%									
Location : 2 Inch Shifted At Crack, West Face Of Wall 270 Feet From North End									
Masonry:Schist/Gneiss	55%	4+	\$229,800	LIFE	* *	5	\$6,600		
Broken/Missing Elements, Extent : Light, Area Affected : 3%									
Location : Random Locations Throughout									
Cracks-Diagonal, Extent : Light, Area Affected : 10%									
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									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%									
Location : Random Locations Throughout									
Vegetation Growth, Extent : Moderate, Area Affected : 50%									
Location : Random Locations Throughout									
Base									
Rubble Stone	10%			LIFE	* *	5	\$300		
Other Observation, Extent : Light, Area Affected : 100%									
Location : 170 Feet To 370 Feet From South End									
Explanation : 200 Feet Of Base Exposed									
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 11-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$418,600	
<b>Total</b>	<b>\$418,600</b>	
Importance Code A	\$418,600	
<b>Total</b>	<b>\$418,600</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$3,900			
<b>Total</b>	<b>\$3,900</b>			
Importance Code A	\$3,000			
Importance Code B	\$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**  
**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	40%	4+	\$900	LIFE		* *	5	
			<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout.</i>					
Not Accessible	60%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Throughout.</i>					
			<i>Explanation : Bottom Of The Wall Is Covered By Snow.</i>					
Wall/Fence								
Metal Fence	15%	4+	\$3,000	LIFE		* *	4-8	\$2,500
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations 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+	\$418,600	LIFE		* *	5	\$12,000
			<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 : 200 Feet From The South End Of The Wall.</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$29,700			
<b>Total</b>	<b>\$29,700</b>			
Importance Code A	\$25,400			
Importance Code B	\$4,300			
<b>Total</b>	<b>\$29,700</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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)	
Wall								
	Coping							
	Rubble Stone	100%	Now	\$4,300	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	\$25,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$31,200			
<b>Total</b>	<b>\$31,200</b>			
Importance Code A	\$31,200			
<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**  
**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)	
Wall	Wall/Fence							
	Rubble Stone	100%	2-4	\$31,200	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$12,800			
<b>Total</b>	<b>\$12,800</b>			
Importance Code A	\$9,500			
Importance Code B	\$3,300			
<b>Total</b>	<b>\$12,800</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**  
**UNIVERSITY WOODS PERIMETER/RETAINING WALL**

**Asset # : 14633**

Retaining Walls		Current Repair		Future Replacement		Maintenance		
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+	\$3,300	LIFE	* *	5	\$400	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations Throughout The Wall.							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%							
	Location : Random Locations Throughout The Wall.							
Wall/Fence								
Metal Fence	20%	Now	\$9,500	LIFE	* *	4-8	\$800	1
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : From The South End To The Middle Portion Of The Wall.							
	Explanation : Metal Railing. A Metal Fence Was Installed Between Broken Railing And Sidewalk							
Rubble Stone	80%	2-4	\$46,100	LIFE	* *	5	\$2,300	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Random Locations Throughout The Wall.							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 4%							
	Location : Random Locations Throughout The Wall.							
Base								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$4,400			
<b>Total</b>	<b>\$4,400</b>			
Importance Code A	\$3,000			
Importance Code B	\$1,400			
<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**  
**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)	
Wall								
	Coping							
	Masonry:Schist/Gneiss	100%	4+	\$1,400	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+	\$3,000	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$41,400	
<b>Total</b>	<b>\$41,400</b>	
Importance Code A	\$41,400	
<b>Total</b>	<b>\$41,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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+	\$41,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$6,900			
<b>Total</b>	<b>\$6,900</b>			
Importance Code A	\$5,100			
Importance Code B	\$1,800			
<b>Total</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**  
**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)	
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+	\$5,100	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$10,300			
<b>Total</b>	<b>\$10,300</b>			
Importance Code A	\$9,300			
Importance Code B	\$1,000			
<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**  
**UNIVERSITY WOODS RETAINING / PERIMETER WALL**  
**Asset # : 14620**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Coping								
	Masonry:Granite	95%	4+	\$1,000	LIFE	* *	5		
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
		Location : Random Locations Throughout							
		Vegetation Growth, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Masonry:Granite	5%	4+		LIFE	* *	5		
		Misaligned/Bulging, Extent : Moderate, Area Affected : 1%							
		Location : Random Locations Throughout							
Wall/Fence									
	Masonry:Schist/Gneiss	100%	4+	\$9,300	LIFE	* *	5	\$1,300	
		Efflorescence, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$23,600			
<b>Total</b>	<b>\$23,600</b>			
Importance Code A	\$23,600			
<b>Total</b>	<b>\$23,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**UNIVERSITY WOODS RETAINING / PERIMETER WALL**

**Asset # : 14621**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Wall/Fence								
	Rubble Stone	50%	4+	\$23,600	LIFE	* *	5	\$600	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout							
		Loose Elements, Extent : Light, Area Affected : 5%							
		Location : Random Locations Throughout							
	Rubble Stone	50%			LIFE	* *	5	\$600	
		Recent Replace Evident, Extent : Moderate, Area Affected : 100%							
		Location : At The North End Of The Wall							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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)	
Wall	Coping							
	Rubble Stone	100%	4+	\$900	LIFE	* *	5	\$100
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Throughout						
		Recent Repair Evident, Extent : Light, Area Affected : 40%						
		Location : Random Locations Throughout						
Wall/Fence	Rubble Stone	100%			LIFE	* *	5	\$400
		Recent Repair Evident, Extent : Light, Area Affected : 40%						
		Location : Random Locations Throughout						
Base	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**  
**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)	
Wall	Coping							
	Rubble Stone	100%	4+	\$800	LIFE	* *	5	\$100
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%						
		Location : Random Locations Throughout.						
		Recent Repair Evident, Extent : Light, Area Affected : 40%						
		Location : Random Locations Throughout.						
Wall/Fence	Rubble Stone	100%			LIFE	* *	5	\$400
		Recent Repair Evident, Extent : Light, Area Affected : 40%						
		Location : Random Locations Throughout.						
Base	Not Accessible	100%						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$1,800			
<b>Total</b>	<b>\$1,800</b>			
Importance Code A	\$1,800			
Importance Code B				
<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**  
**UNIVERSITY WOODS RETAINING WALL**  
**Asset # : 14624**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
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		
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
		Recent Repair Evident, Extent : Light, Area Affected : 40%							
		Location : Random Locations Throughout.							
	Rubble Stone	80%			LIFE	* *	5		
Wall/Fence									
	Rubble Stone	20%	4+	\$1,800	LIFE	* *	5	\$100	
		Broken/Missing Elements, Extent : Light, Area Affected : 1%							
		Location : Random Locations Throughout.							
		Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%							
		Location : Random Locations Throughout.							
		Recent Repair Evident, Extent : Light, Area Affected : 40%							
		Location : Random Locations Throughout.							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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)	
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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	
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Random Locations Throughout.								
Rubble Stone	5%	4+	\$1,000	LIFE	* *	5	\$100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout.								
Base								
Not Accessible	100%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$38,400	
<b>Total</b>	<b>\$38,400</b>	
Importance Code A	\$38,400	
<b>Total</b>	<b>\$38,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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**

Retaining Walls		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall									
	Wall/Fence								
	Rubble Stone	70%	2-4	\$20,700	LIFE	* *	5	\$200	
		Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout.							
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%							
		Location : Random Locations Throughout.							
		Loose Elements, Extent : Light, Area Affected : 10%							
		Location : Random Locations Throughout.							
	Rubble Stone	30%	0-2	\$17,700	LIFE	* *	5	\$100	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 100%							
		Location : Random Locations Throughout.							
Base									
	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$24,800			
<b>Total</b>	<b>\$24,800</b>			
Importance Code A	\$21,600			
Importance Code B	\$3,100			
<b>Total</b>	<b>\$24,800</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**  
**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)	
Wall	Coping							
	Rubble Stone	100%	2-4	\$3,100	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	\$21,600	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$40,700	
<b>Total</b>	<b>\$40,700</b>	
Importance Code A	\$40,700	
<b>Total</b>	<b>\$40,700</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wall	Coping								
	Rubble Stone	100%	Now	\$1,200	LIFE	* *	5	\$100	
				Broken/Missing Elements, Extent : Moderate, Area Affected : 20%					
				Location : Scattered Throughout					
				Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%					
				Location : Scattered Throughout					
Wall/Fence	Rubble Stone	100%	2-4	\$40,700	LIFE	* *	5	\$1,000	
				Broken/Missing Elements, Extent : Moderate, Area Affected : 10%					
				Location : Scattered Throughout					
				Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%					
				Location : Scattered Throughout					
				Loose Elements, Extent : Light, Area Affected : 2%					
				Location : Scattered Throughout					
				Vegetation Growth, Extent : Moderate, Area Affected : 2%					
				Location : At North End					
Base	Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Parks' Walls	\$97,400	
<b>Total</b>	<b>\$97,400</b>	
Importance Code A	\$97,400	
<b>Total</b>	<b>\$97,400</b>	

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Parks' Walls	\$13,900			
<b>Total</b>	<b>\$13,900</b>			
Importance Code A				
Importance Code B	\$13,900			
<b>Total</b>	<b>\$13,900</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 # : 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)	
Wall	Coping							
	Rubble Stone	100%	Now	\$13,900	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	\$97,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 01-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Boardwalks	\$13,301,900	\$30,427,900
<b>Total</b>	<b>\$13,301,900</b>	<b>\$30,427,900</b>
Importance Code A	\$12,899,500	\$30,427,900
Importance Code B	\$179,700	
Importance Code C	\$222,700	
<b>Total</b>	<b>\$13,301,900</b>	<b>\$30,427,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Boardwalks	\$7,600			
<b>Total</b>	<b>\$7,600</b>			
Importance Code A	\$7,600			
<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**  
**CONEY ISLAND BEACH AND BOARDWALK RIEGELMANN BOARDWALK**  
**Asset # : 606**

Boardwalks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Deck									
	Paver: Asphalt	1%	Now	\$7,600	LIFE	* *	5	\$1,900	
Broken Paver Block, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Loose Units, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
	Timber	89%	Now	\$5,486,300	2034	* *	5	\$880,500	
Dry Rot, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Loose Fastenings, Extent : Severe, Area Affected : 10%									
Location : Throughout									
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%									
Location : Throughout Boardwalk									
	Timber	3%	Now	\$924,700	2041	* *	5	\$29,700	1
Broken Elements, Extent : Severe, Area Affected : 100%									
Location : Various									
Dry Rot, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Other Observation, Extent : Severe, Area Affected : 100%									
Location : 24th-26th Streets And Various Other Areas									
Explanation : Uneven Surface - Trip Hazard									
	Under Construction	7%							
Other Observation, Extent : Light, Area Affected : 0%									
Location :									
Explanation : 33rd-39th Streets - Replacement In Progress									
Railing									
	Chain Link Fence	3%			2034	* *			
	Aluminum	97%	Now	\$179,700	2041	* *			
Other Observation, Extent : Severe, Area Affected : 5%									
Location : Throughout									
Explanation : Broken/Missing Elements									

## Substructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Substructure									
Beams									
	Timber	90%	Now	\$1,916,000	2026	\$19,159,900	5	\$9,749,800	
		Dry Rot, Extent : Moderate, Area Affected : 10%							
		Location : Various							
		Split/Dry/Cracked, Extent : Moderate, Area Affected : 10%							
		Location : Various							
	Timber	2%	Now	\$425,800	2041	* *	5	\$216,700	1
		Broken/Missing Elements, Extent : Moderate, Area Affected : 100%							
		Location : Bay 2 - Ocean Side							
		Dry Rot, Extent : Severe, Area Affected : 100%							
		Location : Bay 2 - Ocean Side							
	Under Construction	8%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : 33rd-39th St, And Brighton 1 - Ocean Pkwy							
Piers									
	Concrete	92%	Now	\$2,821,800	LIFE	* *	5	\$193,500	
		Spalling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
	Concrete	1%	Now	\$184,000	LIFE	* *	5	\$2,100	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 100%							
		Location : Between 22nd-23rd Sts, And Various Others							
		Spalling, Extent : Severe, Area Affected : 100%							
		Location : Various							
	Under Construction	7%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : 33rd-39th St, Brighton 1 - Ocean Parkway							
		Explanation : Construction In Progress							
Girders									
	Concrete	93%	Now	\$1,141,000	LIFE	* *	5	\$195,600	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
		Location : Cantelevered Ends							
		Other Observation, Extent : Moderate, Area Affected : 2%							
		Location : Various							
		Explanation : Exposed / Rusting Reinforcing							
	Under Construction	7%							
Underside Enclosure									
	Chain Link Fence	40%	Now	\$222,700	2034	* *			
		Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Vandalism, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
	No Component	60%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : FDR BOARDWALK AND BEACH BOARDWALK  
**Address** : FT WADSWORTH TO MILLER FIELD LILYPOND AVE. TO SEAVIEW 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** : 27-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Boardwalks	\$3,660,900	\$19,994,500
<b>Total</b>	<b>\$3,660,900</b>	<b>\$19,994,500</b>
Importance Code A	\$3,477,500	\$19,932,900
Importance Code B		\$61,600
Importance Code C	\$183,400	
<b>Total</b>	<b>\$3,660,900</b>	<b>\$19,994,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Boardwalks				
<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**  
**FDR BOARDWALK AND BEACH BOARDWALK**  
**Asset # : 613**

Boardwalks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Deck									
	Paver: Asphalt	3%			LIFE	**	5	\$1,500	
	Timber	72%	Now	\$121,800	2025	\$6,091,800	5	\$195,500	
		Loose Fastenings, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Explanation : Loose Boards Create Potential Tripping Hazard							
	Timber	25%			2037	**	5	\$135,800	
		Recent Replace Evident, Extent : Moderate, Area Affected : 25%							
		Location : Sand Lane To Seaview Avenue							
Railing									
	Steel	50%			LIFE	**	4-8	\$38,500	
		Corroded, Extent : Light, Area Affected : 10%							
		Location : Throughout Beach Side							
	Steel	50%			LIFE	**	4-8	\$38,500	
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Inland Side							
		Explanation : Recent Installation							
Substructure									
Beams									
	Concrete	5%			LIFE	**	5	\$19,600	
	Timber	75%			2025	\$4,382,900	5	\$4,460,600	
	Timber	20%			2037	**	5	\$1,189,500	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Sand Lane To Seaview Avenue							
		Explanation : Recent Installation							
Piers									
	Concrete	5%			LIFE	**	5	\$2,900	
	Timber	75%			2025	\$2,923,300	5	\$412,900	
		Other Observation, Extent : Moderate, Area Affected : 5%							
		Location : Northern Sections							
		Explanation : Cracked And Rotted Wood							
	Timber	20%			2037	**	5	\$110,100	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Sand Lane To Seaview Avenue							
		Explanation : Recent Installation							
Girders									
	Concrete	5%			LIFE	**	5	\$2,900	
	Timber	75%	4+	\$146,200	2025	\$2,923,300	5	\$206,500	
		Dry Rot, Extent : Severe, Area Affected : 10%							
		Location : Canterlevered Ends Along Beach Side, Northern Sections							
	Timber	20%			2037	**	5	\$110,100	
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Sand Lane To Seaview Avenue							
		Explanation : Recent Installation							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Substructure									
Underside Enclosure									
Chain Link Fence		20%	Now	\$183,400	2033			* *	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%									
Location : Beach Side									
Vandalism, Extent : Severe, Area Affected : 50%									
Location : Throughout Beach Side									
No Component		80%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Boardwalks	\$3,617,600	\$287,200
<b>Total</b>	<b>\$3,617,600</b>	<b>\$287,200</b>
Importance Code A	\$3,403,000	\$287,200
Importance Code C	\$214,600	
<b>Total</b>	<b>\$3,617,600</b>	<b>\$287,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Boardwalks	\$55,400			
<b>Total</b>	<b>\$55,400</b>			
Importance Code A	\$29,600			
Importance Code B	\$25,800			
Importance Code C				
<b>Total</b>	<b>\$55,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**ROCKAWAY BEACH AND BOARDWALK**  
**Asset # : 262**

Boardwalks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure									
Deck									
	Paver: Asphalt	1%			LIFE	* *	5	\$300	
	Timber	99%	Now	\$2,548,900	2039	* *	5	\$136,400	
Other Observation, Extent : Moderate, Area Affected : 10%									
Location : Various									
Explanation : Work In Progress									
Railing									
	Aluminum	100%	Now	\$25,800	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Various									
Loose Connection, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Work In Progress									
Substructure									
Beams									
	Timber	10%	Now	\$29,600	2031	* *	5	\$150,800	
Dry Rot, Extent : Moderate, Area Affected : 10%									
Location : Various									
Split/Dry/Cracked, Extent : Moderate, Area Affected : 10%									
Location : Various									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Work In Progress									
	Not Accessible	90%							
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Explanation : Buried in Sand									
Piers									
	Not Accessible	100%							
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Explanation : Buried in Sand									
Girders									
	Concrete	100%	Now	\$854,100	LIFE	* *	5	\$29,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : At Exposed Ends Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Work In Progress									
Underside Enclosure									
	Timber	5%	Now	\$214,600	2046	* *	5	\$6,900	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Work In Progress									
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Parks' Boardwalks	\$36,885,400	\$7,981,100
<b>Total</b>	<b>\$36,885,400</b>	<b>\$7,981,100</b>
Importance Code A	\$35,788,100	\$7,881,900
Importance Code B	\$429,200	
Importance Code C	\$668,100	\$99,300
<b>Total</b>	<b>\$36,885,400</b>	<b>\$7,981,100</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Parks' Boardwalks	\$47,500			
<b>Total</b>	<b>\$47,500</b>			
Importance Code A	\$22,800			
Importance Code B				
Importance Code C	\$24,600			
<b>Total</b>	<b>\$47,500</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	
Superstructure	Deck								
	Concrete	1%			LIFE	**	5	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Paver: Asphalt	3%	Now	\$22,800	LIFE	**	5	\$5,600	
		Cracking/Crumbling, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Panel/Paver: Concrete	1%			2036	**			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Timber	60%	Now	\$18,553,900	2046	**	5	\$595,600	1
		Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Dry Rot, Extent : Severe, Area Affected : 50%							
		Location : Throughout							
		Loose Fastenings, Extent : Severe, Area Affected : 20%							
		Location : Throughout, Especially From Beach 20-60 - Tripping Hazard							
		Misaligned/Bulging, Extent : Severe, Area Affected : 100%							
		Location : Center Of Boardwalk Where Ends Of Boards Meet - Tripping Hazard							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Under Construction	35%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Beach 20-28, 44-59, 73-81							
		Explanation : Reconstruction In Progress							
Railing									
	Aluminum	90%	Now	\$334,500	2046	**			
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Loose Connection, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Steel	10%	Now	\$94,600	LIFE	**	4-8	\$28,100	
		Corroded, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Substructure									
Beams									
	Timber	45%	Now	\$961,200	2031	* *	5	\$4,890,900	
		Dry Rot, Extent : Severe, Area Affected : 10%							
		Location : Throughout							
		Excess Worn/Erod Mat, Extent : Moderate, Area Affected : 5%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Timber	20%	Now	\$4,271,800	2046	* *	5	\$2,173,800	1
		Dry Rot, Extent : Severe, Area Affected : 20%							
		Location : Various, But Especially Beach 28-44							
		Split/Dry/Cracked, Extent : Severe, Area Affected : 20%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Under Construction	35%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Beach 20-28, 44-59, 73-81							
		Explanation : Reconstruction In Progress							
Piers									
	Concrete	5%	Now	\$3,077,300	LIFE	* *	5	\$10,600	1
		Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
		Location : Various - Especially Beach 28-38							
	Concrete	35%	Now	\$2,154,100	LIFE	* *	5	\$73,900	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Work In Progress							
	Not Accessible	60%							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Concrete And Timber Piers Mostly Buried In Sand							

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**  
**ROCKAWAY BEACH AND BOARDWALK**  
**Asset # : 263**

Boardwalks		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Substructure									
Girders									
Concrete	60%	Now	\$3,692,700	LIFE	* *	5	\$126,600		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Cantelevered Ends Throughout								
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Work In Progress								
Concrete	5%	Now	\$3,077,300	LIFE	* *	5	\$10,600		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
	Location : Various - Especially Beach 28-38								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Explanation : Work In Progress								
Under Construction	35%								
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Beach 20-28, 44-59, 73-81								
	Explanation : Reconstruction In Progress								
Underside Enclosure									
Chain Link Fence	2%			2039	* *				
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Throughout								
Poured in Place Concrete	2%	4+	\$24,600	LIFE	* *	5	\$4,200		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Work In Progress								
Timber	5%	Now	\$618,500	2039	* *	5	\$49,600		
	Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
	Location : Throughout								
	Other Observation, Extent : Severe, Area Affected : 60%								
	Location : Throughout								
	Explanation : Severely Weathered								
Timber	5%			2046	* *	5	\$99,300		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Beach 95-103								
	Explanation : Recent Replacement								
No Component	86%								

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$45,800	\$401,300
<b>Total</b>	<b>\$45,800</b>	<b>\$401,300</b>
Importance Code A	\$45,800	\$401,300
<b>Total</b>	<b>\$45,800</b>	<b>\$401,300</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$32,800	\$29,700	\$16,600	\$24,300
<b>Total</b>	<b>\$32,800</b>	<b>\$29,700</b>	<b>\$16,600</b>	<b>\$24,300</b>
Importance Code A	\$13,300	\$29,600	\$8,700	\$21,900
Importance Code B	\$17,200	\$100	\$2,700	\$2,400
Importance Code C	\$2,300		\$5,100	
<b>Total</b>	<b>\$32,800</b>	<b>\$29,700</b>	<b>\$16,600</b>	<b>\$24,300</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**  
**1929 BOATHOUSE KAYAK AND CANOE LAUNCH**  
**Asset # : 14760**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Access Walkways									
Deck									
	Timber	100%			2025	\$278,900	5	\$8,300	
Gangways									
	Aluminum	100%			2052	**	1-3	\$9,500	
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	\$11,200	
Corrosion, Extent : Light, Area Affected : 10%									
Location : Tidal Zone									
Missing Coating, Extent : Light, Area Affected : 10%									
Location : Tidal Zone									
	Timber	45%			2027	\$18,700	4-5	\$2,500	
	Not Accessible	20%							
Deck									
	Timber	100%			2021	\$45,800	5	\$17,100	
Aging, Extent : Light, Area Affected : 100%									
Location : Throughout									
Fenders									
	Vinyl	75%			2021	\$3,800	2	\$5,000	
	Vinyl	25%	Now	\$1,300	2026	\$1,300	2	\$1,300	
Missing Components, Extent : Light, Area Affected : 100%									
Location : Offshore Edge									
Floats/Frames									
	Steel	5%	Now	\$10,400	2031	**	5	\$400	
Damaged/Missing Pile Guide, Extent : Severe, Area Affected : 100%									
Location : Offshore Anchor Pile Guide									
	Not Accessible	95%							
Launch/Haulout									
Ramp									
	Asphalt	40%			2052	**	5	\$300	
	Concrete	40%	4+	\$15,000	2056	**	5	\$5,200	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Tidal Zone									
Explanation : Erosion									
	Concrete	20%			2046	**	5-10	\$5,200	
Deck Elements									
	Railing								
	Steel	100%			2025	\$122,300			
Electrical									
	Conduit								
	PVC	100%			2023	\$6,100			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**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	
Electrical								
Lighting Fixture								
Incandescent	100%			2020	\$21,300			
Mech./Plumbing								
Water Supply								
PVC	100%			2023	\$26,900			

*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$951,100	\$6,274,900
<b>Total</b>	<b>\$951,100</b>	<b>\$6,274,900</b>
Importance Code A	\$687,600	\$6,116,600
Importance Code B	\$137,800	\$158,300
Importance Code C	\$125,700	
<b>Total</b>	<b>\$951,100</b>	<b>\$6,274,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$36,200	\$62,400	\$38,200	\$70,300
<b>Total</b>	<b>\$36,200</b>	<b>\$62,400</b>	<b>\$38,200</b>	<b>\$70,300</b>
Importance Code A	\$36,200	\$62,000	\$20,100	\$58,200
Importance Code B		\$400	\$8,600	\$12,100
Importance Code C			\$9,400	
<b>Total</b>	<b>\$36,200</b>	<b>\$62,400</b>	<b>\$38,200</b>	<b>\$70,300</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**  
**79TH STREET BOAT BASIN MARINA**  
**Asset # : 13599**

Marinas/Docks		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	100%			2026	\$2,501,400	5	\$74,100	
Aging, Extent : Moderate, Area Affected : 25%									
Location : Throughout C Dock And Boat Basin Office Platforms.									
Gangways									
	Aluminum	95%	Now	\$137,800	2058	* *	1-3	\$32,500	
Missing Connections, Extent : Severe, Area Affected : 10%									
Location : Broken Hinge Connections. Gangways Attached To Dock Via Chains At C Dock.									
Roller Malfunction, Extent : Severe, Area Affected : 25%									
Location : At C Dock And Between D And E Dock									
	Aluminum	5%			2048	* *	1-3	\$1,700	
Other Observation, Extent : Light, Area Affected : 10%									
Location : At North And West Sides Of Boat Basin Office.									
Explanation : Replaced Hinge Connections									
Pile Caps									
	Concrete	10%	4+	\$53,800	2048	* *	5	\$4,800	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%									
Location : At Boat Basin Office Platform.									
Spalling, Extent : Severe, Area Affected : 20%									
Location : At Boat Basin Office Platform.									
	Timber	90%			2048	* *	4	\$65,000	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : At C Dock Platform.									
Piles and Bracing									
	Timber	50%			2048	* *	4-5	\$183,500	
Displaced Elements, Extent : Light, Area Affected : 5%									
Location : Isolated Braces At C Dock Platform.									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Dock Office Platform Piles Are Concrete Encased.									
Explanation : Supporting The C Dock And Boat Basin Dock Office Platform									
	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		
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	* *	4-5	\$32,800		
Abrasion, Extent : Moderate, Area Affected : 30%									
Location : Throughout Tidal Zone									
Timber	5%	0-2	\$33,700	2033	* *	4-5	\$2,500		
Abrasion, Extent : Severe, Area Affected : 30%									
Location : Throughout Tidal Zone									
Broken, Extent : Severe, Area Affected : 100%									
Location : Isolated Locations At D And E Dock.									
Timber	10%	4+	\$67,500	2033	* *	4-5	\$4,900		
Worn, Extent : Moderate, Area Affected : 30%									
Location : Isolated Throughout.									
Not Accessible	40%								
Deck									
Timber	5%	Now	\$12,000	2028	\$12,000	5	\$2,200		
Broken, Extent : Severe, Area Affected : 100%									
Location : Isolated Broken Planks Throughout.									
Timber	95%			2023	\$227,600	5	\$84,900		
Aging, Extent : Moderate, Area Affected : 50%									
Location : Throughout.									
Floats/Frames									
Polyethylene	10%	0-2	\$114,200	2033	* *	1-5	\$9,100		
Waterlogged/Damaged Floatation, Extent : Light, Area Affected : 20%									
Location : Isolated Finger Docks									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Damaged/ Missing Connecting Hardware									
Polyethylene	90%			2028	\$1,713,500	1-5	\$114,600		
Mooring Piles									
Timber	60%			2026	\$158,300	4-5	\$19,500		
Not Accessible	40%								
Protective Structure									
Ice Breaker									
Steel	20%	Now	\$338,800	2038	* *	2-3	\$44,700		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Western Icebreaker Structures									
Explanation : No Steel Wedge On Western Two Pile Clusters									
Steel	55%			2028	\$931,700	2-3	\$154,800		
Corrosion, Extent : Moderate, Area Affected : 15%									
Location : Steel Icebreaker Wedges									
Other Observation, Extent : Moderate, Area Affected : 40%									
Location : Western Icebreaker Structures									
Explanation : No Steel Wedge On Western Two Pile Clusters									
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Protective Structure									
	Pile Cluster								
	Timber	60%			2029	* *	4-10	\$144,600	
		Rotting/Splitting, Extent : Moderate, Area Affected : 10%							
		Location : At Top 1 Ft Of Piles At Marina.							
	Not Accessible	40%							
Electrical									
	Lighting Fixture								
	Sodium	75%			2022	\$13,100			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Pole Mounted							
	Sodium	25%			2022	\$4,400			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : West End Of C Dock							
		Explanation : Harbor Beacon							
Electrical/Mech.									
	Power Supply/Bollards								
	Plastic	100%			2026	\$209,300			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Lighthouse Utility Station Model 3050							
Mech./Plumbing									
	Sanitary Piping								
	PVC	100%			2024	\$81,300			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : At C Dock, South Pier							
		Explanation : Sewage Forwarding Pump Station							
Water Supply									
	PVC	100%			2024	\$193,700			
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Isolated Collapsed Hose Between D And E Dock.							
		Explanation : Hose Stations							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$251,300	\$1,134,900
<b>Total</b>	<b>\$251,300</b>	<b>\$1,134,900</b>
Importance Code A	\$195,200	\$1,134,900
Importance Code B	\$56,100	
<b>Total</b>	<b>\$251,300</b>	<b>\$1,134,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$65,500	\$12,900	\$5,300	\$3,300
<b>Total</b>	<b>\$65,500</b>	<b>\$12,900</b>	<b>\$5,300</b>	<b>\$3,300</b>
Importance Code A	\$57,800	\$12,800	\$5,200	\$2,300
Importance Code B	\$7,700			\$1,000
<b>Total</b>	<b>\$65,500</b>	<b>\$12,900</b>	<b>\$5,300</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**  
**BAYSIDE MARINA**  
**Asset # : 13602**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Access Walkways									
Deck									
Timber	80%			2023	\$925,200	5	\$27,400		
Not Accessible	20%								
Gangways									
Steel	100%	2-4	\$7,700	2045	* *	1-3	\$3,300		
Handrail Damage, Extent : Severe, Area Affected : 5%									
Location : Broken Handrail At 3 Locations And Buckled Tension Rods									
Pile Caps									
Timber	100%			2035	* *	4	\$33,400		
Rotting/Splitting, Extent : Light, Area Affected : 15%									
Location : Throughout									
Piles and Bracing									
Timber	50%			2045	* *	4-5	\$81,900		
Timber	10%	0-2	\$157,200	2055	* *	4-5	\$8,800		
Displaced Elements, Extent : Severe, Area Affected : 75%									
Location : Braces Throughout Due To Hurricane Damage									
Not Plumb, Extent : Moderate, Area Affected : 5%									
Location : Isolated									
Splitting, Extent : Moderate, Area Affected : 25%									
Location : Isolated Piles Split At Top									
Not Accessible	40%								
Floating Docks									
Anchor Piles									
Timber	57%			2023	\$83,800	4-5	\$11,200		
Timber	3%	Now	\$4,400	2030	* *	4-5	\$300		
Missing Components, Extent : Severe, Area Affected : 100%									
Location : Missing Retention Chains On Anchor Piles									
Not Accessible	40%								
Deck									
Timber	100%			2023	\$87,900	5	\$32,800		
Aging, Extent : Moderate, Area Affected : 50%									
Location : Western Float System									
Floats/Frames									
Polyethylene	90%			2030	* *	1-5	\$42,000		
Steel	10%	2-4	\$20,000	2030	* *	5	\$1,400		
Displaced Component, Extent : Moderate, Area Affected : 50%									
Location : Damaged Frame On South Float System									
Launch/Haulout									
Ramp									
Concrete	100%	Now	\$56,100	2045	* *	5	\$32,700		
Settlement, Extent : Severe, Area Affected : 100%									
Location : At And Beneath Concrete Joint For Full Width									
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
	Railing								
	Timber	100%			2019				
		Aging, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
Electrical									
	Lighting Fixture								
	Incandescent	95%			2019	\$18,000			
	Incandescent	5%	Now	\$900	2020	\$900			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Base On Access Walkway							
		Explanation : Broken Light Fixture							
Electrical/Mech.									
	Power Supply/Bollards								
	Plastic	100%			2024	\$29,900			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 07-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks		\$43,500
<b>Total</b>		<b>\$43,500</b>
Importance Code A		\$43,500
<b>Total</b>		<b>\$43,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$61,200	\$11,000	\$1,600	\$900
<b>Total</b>	<b>\$61,200</b>	<b>\$11,000</b>	<b>\$1,600</b>	<b>\$900</b>
Importance Code A	\$28,500	\$11,000	\$1,600	\$400
Importance Code B	\$32,600			\$500
<b>Total</b>	<b>\$61,200</b>	<b>\$11,000</b>	<b>\$1,600</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**  
**CANARSIE ADOLESCENT PROGRAM**  
**Asset # : 13612**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	100%			2023	\$43,500	5	\$1,300	
Splitting, Extent : Light, Area Affected : 5%									
Location : Throughout									
Gangways									
	Aluminum	100%	0-2	\$1,500	2045	* *	1-3	\$1,700	
Handrail Damage, Extent : Severe, Area Affected : 10%									
Location : Two Handrail Connections									
Pile Caps									
	Timber	100%			2045	* *	4	\$800	
Piles and Bracing									
	Timber	100%	2-4	\$11,800	2045	* *	4-5	\$3,300	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Post Pedestal									
Floating Docks									
Anchor Piles									
	Timber	70%			2026	\$21,100	4-5	\$2,600	
Abrasion, Extent : Light, Area Affected : 10%									
Location : Throughout Piles									
	Timber	10%	Now	\$1,800	2026	\$3,000	4-5	\$200	
Missing Components, Extent : Severe, Area Affected : 100%									
Location : 7 Pile Guide Chains Missing Or Broken									
	Not Accessible	20%							
Deck									
	Timber	60%			2020	\$8,800	5	\$3,300	
	Timber	40%	Now	\$5,900	2025	\$5,900	5	\$1,100	
Broken, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Missing Components, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Floats/Frames									
	Polyethylene	20%			2030	* *	1-5	\$1,600	
	Polyethylene	15%	Now	\$3,500	2035	* *	1-5	\$800	
Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 100%									
Location : Throughout									
	Timber	20%			2030	* *			
	Timber	20%	Now	\$5,400	2035	* *			
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Inshore And South Docks									
Explanation : Sunken/ Failed Float									
	Not Accessible	25%							
Launch/Haulout									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific 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**

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	
Launch/Haulout Ramp Concrete	100%	Now	\$31,200	2055	* *	5	\$10,900	
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Front Of 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.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : DIAMOND POINT YATCH 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** : 07-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$228,900	\$223,600
<b>Total</b>	<b>\$228,900</b>	<b>\$223,600</b>
Importance Code A	\$135,400	\$223,600
Importance Code B	\$93,500	
<b>Total</b>	<b>\$228,900</b>	<b>\$223,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$70,800	\$400	\$3,900	\$600
<b>Total</b>	<b>\$70,800</b>	<b>\$400</b>	<b>\$3,900</b>	<b>\$600</b>
Importance Code A	\$67,300	\$400	\$3,600	\$400
Importance Code B	\$3,500		\$400	\$200
<b>Total</b>	<b>\$70,800</b>	<b>\$400</b>	<b>\$3,900</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**  
**DIAMOND POINT YATCH CLUB (PAERDEGAT BASIN 3)**

**Asset # : 13616**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%	2-4	\$46,900	2025	\$46,900	5	\$700	
Aging, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Loose Connections, Extent : Severe, Area Affected : 10%								
Location : Timber Handrail Is Loose On Both Sides Of The Access Walkway								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Northwest Stringer Of Timber Walkway Is Not Connected To The Timber Substructure								
Explanation : Poor/ Missing Connections								
Gangways								
Steel	50%			2045	**	1-3	\$1,100	
Steel	20%	Now	\$1,700	2055	**	1-3	\$500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Along Both Sides Of The Gangway								
Explanation : Failed/ Buckled Truss Bracing								
Timber	30%	0-2	\$1,800	2025	\$1,800	1-3	\$200	
Loose Connections, Extent : Severe, Area Affected : 25%								
Location : Floor Planks Not Connected								
Pile Caps								
Timber	20%	Now	\$900	2055	**	4	\$200	
Rotting/Splitting, Extent : Severe, Area Affected : 100%								
Location : At Access Walkway								
Timber	80%			2045	**	4	\$700	
Rotting/Splitting, Extent : Light, Area Affected : 50%								
Location : Throughout Access Walkway								
Splitting, Extent : Light, Area Affected : 10%								
Location : Throughout Access Walkway								
Piles and Bracing								
Timber	30%	4+	\$11,500	2051	**	4-5	\$1,100	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : Throughout Pile Caps Of Access Walkway								
Timber	70%			2051	**	4-5	\$4,800	
Floating Docks								
Anchor Piles								
Timber	55%			2029	**	4-5	\$6,600	
Rotting/Splitting, Extent : Light, Area Affected : 20%								
Location : Isolated Throughout In Tidal Zone								
Timber	20%	Now	\$11,800	2029	**	4-5	\$1,400	
Missing Components, Extent : Severe, Area Affected : 100%								
Location : 4 Piles Missing Pile Guides								
Rotting/Splitting, Extent : Severe, Area Affected : 100%								
Location : Several Piles Throughout								
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**  
**DIAMOND POINT YATCH CLUB (PAERDEGAT BASIN 3)**  
**Asset # : 13616**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks									
Deck									
	Timber	90%			2024	\$33,900	5	\$12,700	
		Aging, Extent : Light, Area Affected : 20%							
		Location : Throughout							
	Timber	10%	Now	\$3,800	2025	\$3,800	5	\$700	
		Missing Components, Extent : Severe, Area Affected : 100%							
		Location : Approximately 10 Deck Planks Throughout							
Floats/Frames									
	Polyethylene	10%	2-4	\$30,000	2035	* *	1-5	\$1,400	
		Missing Components, Extent : Severe, Area Affected : 2%							
		Location : Under Dock							
		Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Polyethylene	25%			2033	* *	1-5	\$5,000	
	Timber	40%			2025	\$138,900			
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : Throughout Timber Float Frames							
	Not Accessible	25%							
Launch/Haulout									
Piles and Bracing									
	Timber	100%	2-4	\$88,500	2045	* *	4	\$1,500	2
		Rotting/Splitting, Extent : Severe, Area Affected : 100%							
		Location : Launch Access Pier							
		Other Observation, Extent : Severe, Area Affected : 10%							
		Location : Timber Handrail Is Loose On Both Sides Of The Access Walkway							
		Explanation : Loose Connections							
Ramp									
	Concrete	100%	4+	\$93,500	2055	* *	5	\$32,700	
		Cracking, Extent : Moderate, Area Affected : 5%							
		Location : Random							
		Surface Wearing/Scaling, Extent : Severe, Area Affected : 5%							
		Location : Top Slab Surface In Tidal Zone							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Along Offshore Slab Edge							
		Explanation : Undermining							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 23-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks		\$57,900
<b>Total</b>		<b>\$57,900</b>
Importance Code A		\$57,900
<b>Total</b>		<b>\$57,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$14,100	\$19,700	\$10,500	\$4,000
<b>Total</b>	<b>\$14,100</b>	<b>\$19,700</b>	<b>\$10,500</b>	<b>\$4,000</b>
Importance Code A	\$12,500	\$1,700	\$7,700	\$1,700
Importance Code B	\$100	\$15,800	\$1,300	\$100
Importance Code C	\$1,500	\$2,300	\$1,500	\$2,300
<b>Total</b>	<b>\$14,100</b>	<b>\$19,700</b>	<b>\$10,500</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**  
**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%			2051	* *	1-3	\$4,200	
Floating Docks								
Anchor Piles								
Steel	50%			2051	* *	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%			2024	\$57,900	5	\$21,600	
Fenders								
Rubber	100%			2024	\$26,300	1-2	\$19,300	
Floats/Frames								
Polyethylene	100%			2033	* *	1-5	\$30,800	
Launch/Haulout								
Ramp								
Concrete	100%			2045	* *	5-10	\$31,400	
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Cracking Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$285,900	\$237,200
<b>Total</b>	<b>\$285,900</b>	<b>\$237,200</b>
Importance Code A	\$249,600	\$237,200
Importance Code B	\$36,300	
<b>Total</b>	<b>\$285,900</b>	<b>\$237,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$15,800	\$28,200		\$9,900
<b>Total</b>	<b>\$15,800</b>	<b>\$28,200</b>		<b>\$9,900</b>
Importance Code A	\$15,700	\$19,300		\$9,800
Importance Code B		\$8,800		
<b>Total</b>	<b>\$15,800</b>	<b>\$28,200</b>		<b>\$9,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**FORMER FUR FIN AND FEATHERS ASSO**  
**Asset # : 13640**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Access Walkways									
Deck									
Timber	100%			2020	\$19,000	5	\$600		
Gangways									
Timber	100%			2020	\$8,500	1-3	\$1,200		
Pile Caps									
Timber	100%			2035	* *	4	\$500		
Piles and Bracing									
Timber	100%	4+	\$15,500	2045	* *	4-5	\$1,400		
Rotting/Splitting, Extent : Moderate, Area Affected : 10% Location : Isolated In Tidal Zone									
Floating Docks									
Anchor Piles									
Steel	40%	4+	\$44,200	2055	* *	3-5	\$30,100		
Other Observation, Extent : Moderate, Area Affected : 100% Location : Explanation : Poor Embedment									
Timber	60%	Now	\$47,500	2030	* *	4-5	\$5,800		
Missing Components, Extent : Severe, Area Affected : 100% Location : Upstream Area Of Marina									
Deck									
Timber	33%			2023	\$20,700	5	\$7,700		
Timber	67%	Now	\$42,000	2025	\$42,000	5	\$7,800		
Missing Components, Extent : Severe, Area Affected : 100% Location : Northern And Southern Areas Of Marina									
Floats/Frames									
Polystyrene	20%			2025	\$99,600				
Timber	67%	Now	\$116,000	2035	* *				
Missing Components, Extent : Severe, Area Affected : 100% Location : Northern And Southern Areas Of Marina									
Timber	13%			2025	\$75,000				
Mooring Piles									
Steel	100%	Now	\$36,300	2055	* *	5	\$600		
Missing Components, Extent : Severe, Area Affected : 100% Location : Throughout									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 6694 **Lot** : 1 **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks		\$41,500
<b>Total</b>		<b>\$41,500</b>
Importance Code A		\$41,500
<b>Total</b>		<b>\$41,500</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$21,200	\$1,500	\$3,000	\$1,000
<b>Total</b>	<b>\$21,200</b>	<b>\$1,500</b>	<b>\$3,000</b>	<b>\$1,000</b>
Importance Code A	\$300	\$1,500	\$2,300	\$800
Importance Code B	\$20,900		\$700	\$200
<b>Total</b>	<b>\$21,200</b>	<b>\$1,500</b>	<b>\$3,000</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**  
**FORMER SANDYS MARINA**  
**Asset # : 13639**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2023		5		
Gangways								
Timber	100%	4+	\$5,300	2025	\$5,300	1-3	\$700	
Rotting/Splitting, Extent : Light, Area Affected : 2%								
Location : Isolated Throughout								
Piles and Bracing								
Timber	100%			2045	* *	4-5		
Rotting/Splitting, Extent : Light, Area Affected : 25%								
Location : Tidal Zone								
Floating Docks								
Anchor Piles								
Timber	100%			2026	\$41,500	4-5	\$5,000	
Deck								
Timber	100%			2023	\$10,000	5	\$3,700	
Floats/Frames								
Polyethylene	100%			2030	* *	1-5	\$5,300	
Mooring Piles								
Timber	80%			2029	* *	4-5	\$6,000	
Not Accessible	20%							
Launch/Haulout								
Ramp								
Concrete	100%	4+	\$13,300	2055	* *	5	\$15,600	
Spalling, Extent : Light, Area Affected : 10%								
Location : Isolated Throughout								
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Typical Throughout								
Explanation : Gravel Scour Between Blocks.								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

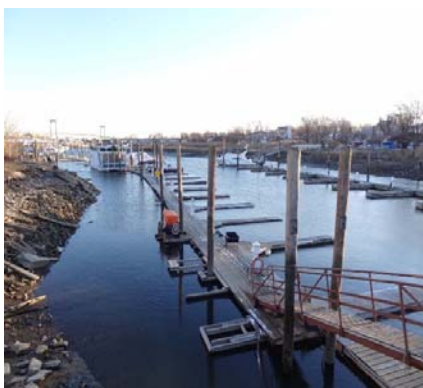
Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$224,400	\$512,900
<b>Total</b>	<b>\$224,400</b>	<b>\$512,900</b>
Importance Code A	\$224,400	\$512,900
<b>Total</b>	<b>\$224,400</b>	<b>\$512,900</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$122,500	\$1,700	\$700	\$2,400
<b>Total</b>	<b>\$122,500</b>	<b>\$1,700</b>	<b>\$700</b>	<b>\$2,400</b>
Importance Code A	\$113,800	\$1,700	\$600	\$1,600
Importance Code B	\$8,700	\$100	\$100	\$800
<b>Total</b>	<b>\$122,500</b>	<b>\$1,700</b>	<b>\$700</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**  
**HAMMONDS COVE MARINA, INC**  
**Asset # : 13664**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
	Deck								
	Timber	100%			2025	\$5,600	5	\$200	
		Aging, Extent : Light, Area Affected : 20%							
		Location : Throughout							
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : Eastern Access Walkway							
Gangways									
	Steel	25%	4+	\$4,000	2057	* *	1-3	\$1,000	
		Corrosion, Extent : Severe, Area Affected : 25%							
		Location : East Gangway Deck Frame							
	Steel	25%	Now	\$4,000	2057	* *	1-3	\$1,000	
		Corrosion, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Missing Coating, Extent : Light, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : West Gangway							
		Explanation : Failed Connection							
	Timber	45%			2025	\$5,000	1-3	\$800	
		Rotting/Splitting, Extent : Light, Area Affected : 20%							
		Location : Throughout Decking							
	Timber	5%	4+	\$600	2027	\$600	1-3	\$100	
		Missing Components, Extent : Moderate, Area Affected : 100%							
		Location : Random Missing Threads Throughout							
Pile Caps									
	Timber	100%	2-4	\$500	2057	* *	4	\$100	
		Rotting/Splitting, Extent : Moderate, Area Affected : 100%							
		Location : Beneath East And West Access Walkway							
Piles and Bracing									
	Timber	90%	4+	\$6,800	2057	* *	4-5	\$400	
		Rotting/Splitting, Extent : Moderate, Area Affected : 100%							
		Location : At East And West Gangways							
		Splitting, Extent : Moderate, Area Affected : 50%							
		Location : At East And West Gangways							
	Not Accessible	10%							
Floating Docks									
	Anchor Piles								
	Timber	40%	Now	\$23,100	2028	\$76,900	4-5	\$5,600	
		Rotting/Splitting, Extent : Severe, Area Affected : 5%							
		Location : 3 Piles West Of Dock							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout East Dock With Several On West Dock							
		Explanation : Broken Pile Guide							
	Timber	40%			2028	\$76,900	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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks									
	Deck								
	Timber	95%	4+	\$13,900	2025	\$139,000	5	\$25,900	
		Aging, Extent : Light, Area Affected : 75%							
		Location : Throughout							
		Rotting/Splitting, Extent : Moderate, Area Affected : 30%							
		Location : Throughout							
	Timber	5%	Now	\$7,300	2027	\$7,300	5	\$1,400	
		Broken, Extent : Severe, Area Affected : 100%							
		Location : Isolated Broken Fingers And Deck Planks							
Floats/Frames									
	Polyethylene	15%	0-2	\$17,400	2032	* *	1-5	\$8,400	
		Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Explanation : Listing							
	Timber	5%	Now	\$13,500	2032	* *			
		Other Observation, Extent : Moderate, Area Affected : 60%							
		Location : 2 Broken Fingers							
		Explanation : Listing							
	Timber	20%			2032	* *			
	Not Accessible	60%							
Launch/Haulout									
	Piles and Bracing								
	Timber	90%	4+	\$74,800	2057	* *	4	\$2,500	
		Rotting/Splitting, Extent : Moderate, Area Affected : 100%							
		Location : Above Mlw Elevation							
	Not Accessible	10%							
Runway									
	Steel	70%			2047	* *	5	\$1,900	
		Corrosion, Extent : Light, Area Affected : 50%							
		Location : Surface							
	Timber	30%	4+	\$14,600	2032	* *	4	\$1,900	
		Rotting/Splitting, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : East End Of Runway							
		Explanation : Loose Decking							
Electrical									
	Conduit								
	PVC	100%			2023	\$64,100			
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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Electrical/Mech.									
	Power Supply/Bollards								
	Steel	10%	Now	\$16,600	2027	\$16,600			
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Electrical Connection Burned Out; Broken At Two Locations							
	Steel	90%			2022	\$149,600			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Isolated Throughout East Dock							
		Explanation : Loose Light Cover; Loose/ Missing Connections							
Mech./Plumbing									
	Water Supply								
	PVC	80%			2023	\$132,100			
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 22-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8338 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$223,500	\$703,200
<b>Total</b>	<b>\$223,500</b>	<b>\$703,200</b>
Importance Code A	\$223,500	\$587,700
Importance Code B		\$115,500
<b>Total</b>	<b>\$223,500</b>	<b>\$703,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$69,800	\$25,900	\$26,900	\$11,100
<b>Total</b>	<b>\$69,800</b>	<b>\$25,900</b>	<b>\$26,900</b>	<b>\$11,100</b>
Importance Code A	\$63,700	\$25,400	\$22,100	\$9,600
Importance Code B	\$6,100	\$500	\$4,800	\$1,500
<b>Total</b>	<b>\$69,800</b>	<b>\$25,900</b>	<b>\$26,900</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**  
**HUDSON RIVER YACHT CLUB (PAERDEGAT BASIN 1)**

**Asset # : 13618**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	5%	2-4	\$4,000	2025	\$4,000	5	\$100	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%									
Location : North And Central Access Ways									
	Timber	95%			2023	\$75,900	5	\$2,200	
Aging, Extent : Light, Area Affected : 30%									
Location : Throughout									
Gangways									
	Timber	30%	4+	\$5,800	2025	\$5,800	1-3	\$800	
Rotting/Splitting, Extent : Moderate, Area Affected : 30%									
Location : North Access Way									
	Timber	70%			2023	\$13,400	1-3	\$1,900	
Rotting/Splitting, Extent : Light, Area Affected : 10%									
Location : Throughout									
Pile Caps									
	Timber	75%			2045	**	4	\$1,200	
	Timber	25%	0-2	\$1,900	2055	**	4	\$400	
Rotting/Splitting, Extent : Severe, Area Affected : 25%									
Location : North Access Way									
Other Observation, Extent : Severe, Area Affected : 50%									
Location : North Access									
Explanation : Pile Caps Not Bearing To Deck									
Piles and Bracing									
	Timber	85%			2045	**	4-5	\$9,600	
	Timber	10%	2-4	\$6,500	2051	**	4-5	\$600	
Rotting/Splitting, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
	Timber	5%	Now	\$5,400	2055	**	4-5	\$300	
Broken, Extent : Severe, Area Affected : 100%									
Location : Broken Bracing At North Access Ramp									
Floating Docks									
Anchor Piles									
	Timber	65%			2026	\$176,400	4-5	\$21,500	
	Timber	10%	2-4	\$27,100	2030	**	4-5	\$2,000	
Rotting/Splitting, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
	Not Accessible	25%							
Deck									
	Timber	50%			2023	\$79,200	5	\$29,600	
Aging, Extent : Light, Area Affected : 60%									
Location : Slips 44-78									
	Timber	50%			2024	\$79,200	5	\$29,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**HUDSON RIVER YACHT CLUB (PAERDEGAT BASIN 1)**

**Asset # : 13618**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks								
Floats/Frames								
Polyethylene	15%	4+	\$75,600	2030	* *	1-5	\$9,100	
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : North Of Slip 53							
	Explanation : Listing							
Polyethylene	85%			2030	* *	1-5	\$71,600	
Mooring Piles								
Timber	10%			2023	\$19,300	4-5	\$2,600	
	Rotting/Splitting, Extent : Light, Area Affected : 30%							
	Location : Throughout							
Timber	50%			2026	\$96,300	4-5	\$11,900	
Not Accessible	40%							
Launch/Haulout								
Piles and Bracing								
Timber	55%	2-4	\$83,700	2045	* *	4	\$1,400	
	Rotting/Splitting, Extent : Moderate, Area Affected : 50%							
	Location : In Tidal Zone							
Timber	5%			2045	* *	4	\$100	
Not Accessible	40%							
Runway								
Timber	100%			2026	\$44,600	4	\$5,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Aging							
Electrical								
Conduit								
PVC	10%			2021	\$8,000			
Not Accessible	90%							
Lighting Fixture								
Sodium	100%			2020	\$64,200			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Led Light Fixtures							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	50%			2023	\$61,500			
Steel	50%			2023	\$66,800			
Mech./Plumbing								
Water Supply								
PVC	10%			2021				
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

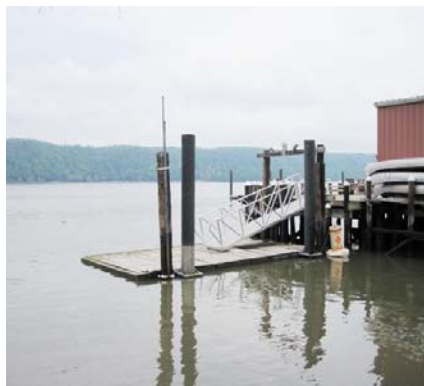
**Asset Name** : INWOOD CANOE CLUB  
**Address** : SOUTH OF DYCKMAN MARINA  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : PAR0169.000 / 13695 **Yr Built/Renovated** : 1906 / 1990  
**Area Sq Ft** : 480 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 23-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2178 **Lot** : 1 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$700	\$100	\$2,000	\$100
<b>Total</b>	<b>\$700</b>	<b>\$100</b>	<b>\$2,000</b>	<b>\$100</b>
Importance Code A	\$600	\$100	\$1,600	\$100
Importance Code B			\$400	
<b>Total</b>	<b>\$700</b>	<b>\$100</b>	<b>\$2,000</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**  
**INWOOD CANOE CLUB**  
**Asset # : 13695**

Marinas/Docks		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
	Gangways								
	Aluminum	100%			2045	* *	1-3	\$1,300	
Floating Docks									
	Anchor Piles								
	Steel	30%			2045	* *	3-5	\$4,000	
	Timber	30%			2026	\$6,800	4-5	\$800	
		Abrasion, Extent : Light, Area Affected : 30%							
		Location : Above Mlw Elevation							
	Not Accessible	40%							
Deck									
	Timber	80%			2023	\$2,600	5	\$1,000	
		Aging, Extent : Light, Area Affected : 10%							
		Location : Throughout							
	Timber	20%	4+	\$600	2025	\$600	5	\$100	
		Aging, Extent : Moderate, Area Affected : 100%							
		Location : Throughout South End Of Dock							
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$144,300	\$163,600
<b>Total</b>	<b>\$144,300</b>	<b>\$163,600</b>
Importance Code A	\$144,300	\$163,600
<b>Total</b>	<b>\$144,300</b>	<b>\$163,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$26,100	\$100	\$500	\$3,600
<b>Total</b>	<b>\$26,100</b>	<b>\$100</b>	<b>\$500</b>	<b>\$3,600</b>
Importance Code A	\$25,400		\$400	\$2,800
Importance Code B	\$700			\$700
Importance Code C		\$100		\$100
<b>Total</b>	<b>\$26,100</b>	<b>\$100</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		
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	\$68,000	5	\$2,000	
Gangways								
Aluminum	100%			2046	* *	1-3	\$3,100	
Pile Caps								
Concrete	67%	2-4	\$98,100	2056	* *	5	\$900	
	Cracking, Extent : Moderate, Area Affected : 10%							
	Location : Along Base And Offshore Face Of Girders							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Concrete Girders Supported By Aging Timber Crib							
	Explanation : Potentially Unstable							
Timber	33%	2-4	\$2,200	2056	* *	4	\$400	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Center Deck Support Girder Consists Of Stacked Timber Elements On Aging Timber Crib							
	Explanation : Potentially Unstable							
Piles and Bracing								
Timber	50%	4+	\$46,200	2056	* *	4-5	\$2,600	
	Rotting/Splitting, Extent : Moderate, Area Affected : 100%							
	Location : Throughout Timber Crib Foundation							
	Splitting, Extent : Moderate, Area Affected : 100%							
	Location : Throughout Timber Crib Foundation							
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Steel	100%			2046	* *	3-5	\$11,600	
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+	\$19,100	2026	\$95,600			
	Corrosion, Extent : Light, Area Affected : 50%							
	Location : Throughout							
	Missing Coating, Extent : Severe, Area Affected : 50%							
	Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$255,900	\$172,000
<b>Total</b>	<b>\$255,900</b>	<b>\$172,000</b>
Importance Code A		\$172,000
Importance Code C	\$255,900	
<b>Total</b>	<b>\$255,900</b>	<b>\$172,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$37,900	\$19,400	\$7,200	\$5,500
<b>Total</b>	<b>\$37,900</b>	<b>\$19,400</b>	<b>\$7,200</b>	<b>\$5,500</b>
Importance Code A	\$21,700		\$4,500	\$4,200
Importance Code B	\$16,100	\$200	\$2,800	\$1,300
Importance Code C		\$19,200		
<b>Total</b>	<b>\$37,900</b>	<b>\$19,400</b>	<b>\$7,200</b>	<b>\$5,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPT. OF PARKS & RECREATION - 846**  
**KAYAK LAUNCH AND FERRY LANDING**  
**Asset # : 14121**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Access Walkways									
Gangways									
Aluminum	70%			2054	**	1-3	\$8,900		
Aluminum	30%	Now	\$16,000	2058	**	1-3	\$3,800		
Other Observation, Extent : Severe, Area Affected : 25%									
Location : Damaged End At Kayak Launch									
Explanation : Damage									
Floating Docks									
Anchor Piles									
Steel	80%			2048	**	3-5	\$14,100		
Corrosion, Extent : Light, Area Affected : 25%									
Location : Tidal Zone									
Missing Coating, Extent : Light, Area Affected : 25%									
Location : Tidal Zone									
Steel	10%	Now	\$4,200	2058	**	3-5	\$1,700		
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Northernmost Pile On Ferry Dock									
Explanation : Pile Driven Or Subsided Beyond Useful Range									
Not Accessible	10%								
Deck									
Steel	90%			2026	\$11,800				
Timber	10%	Now	\$1,300	2028	\$1,300	5	\$200		
Broken, Extent : Severe, Area Affected : 100%									
Location : Kayak Launch									
Floats/Frames									
Steel	65%			2033	**	5-10	\$1,700		
Steel	25%	Now	\$7,400	2038	**	5	\$200		
Damaged/Missing Pile Guide, Extent : Severe, Area Affected : 100%									
Location : Two Northern Guides On Ferry Dock									
Steel	10%	Now	\$2,900	2038	**	5	\$100		
Displaced Component, Extent : Severe, Area Affected : 100%									
Location : Kayak Launch Float Broken									
Barge									
Steel	50%			2037	**	5	\$7,300		
Steel	5%	4+	\$5,900	2037	**	5	\$400		
Corrosion, Extent : Light, Area Affected : 25%									
Location : Waterline									
Not Accessible	45%								
Protective Structure									
Pile Cluster									
Timber	90%			2032	**	4-10	\$313,500		
Not Accessible	10%								
Deck Elements									
Railing									
Steel	60%			2026	\$172,000				
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	\$33,800			

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022	FY 2023 - 2028
Marinas/Docks	\$212,700	\$154,400
<b>Total</b>	<b>\$212,700</b>	<b>\$154,400</b>
Importance Code A	\$212,700	\$96,400
Importance Code B		\$58,000
<b>Total</b>	<b>\$212,700</b>	<b>\$154,400</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$61,100	\$2,000	\$2,000	\$16,100
<b>Total</b>	<b>\$61,100</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$16,100</b>
Importance Code A	\$21,400	\$1,800	\$1,800	\$14,100
Importance Code B	\$39,700	\$300	\$300	\$2,000
<b>Total</b>	<b>\$61,100</b>	<b>\$2,000</b>	<b>\$2,000</b>	<b>\$16,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**LEMON CREEK MARINA**  
**Asset # : 13613**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Timber	100%	2-4	\$29,000	2023	\$58,000	1-3	\$7,800	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Floating Docks								
Anchor Piles								
Steel	65%	4+	\$55,400	2055	* *	3-5	\$37,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Piles Throughout								
Explanation : Loose Element								
Timber	35%	2-4	\$21,400	2026	\$35,600	4-5	\$2,600	
Rotting/Splitting, Extent : Severe, Area Affected : 20%								
Location : Typical In Tidal Zone								
Deck								
Timber	60%	2-4	\$36,500	2025	\$36,500	5	\$6,800	
Surface Wearing/Scaling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Timber	40%	Now	\$24,300	2025	\$24,300	5	\$4,500	
Missing Components, Extent : Severe, Area Affected : 100%								
Location : Northern And Southern Ends Of Dock								
Floats/Frames								
Polyethylene	10%	4+	\$9,700	2030	* *	1-5	\$2,300	
Waterlogged/Damaged Floatation, Extent : Light, Area Affected : 100%								
Location : Throughout Remaining Docks								
Polyethylene	40%	0-2	\$38,600	2030	* *	1-5	\$9,300	
Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 25%								
Location : Typical Throughout								
Polyethylene	50%	Now	\$48,300	2035	* *	1-5	\$11,600	
Missing Components, Extent : Severe, Area Affected : 50%								
Location : Northern And Southern Ends Of Dock								
Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 50%								
Location : Main Pier								
Mooring Piles								
Timber	100%	4+	\$10,700	2023	\$17,800	4-5	\$1,300	
Rotting/Splitting, Extent : Moderate, Area Affected : 20%								
Location : Tidal Zone								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 22-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$560,500	\$543,400
<b>Total</b>	<b>\$560,500</b>	<b>\$543,400</b>
Importance Code A	\$512,600	\$543,400
Importance Code B	\$47,900	
<b>Total</b>	<b>\$560,500</b>	<b>\$543,400</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$88,400	\$6,200	\$29,700	\$4,500
<b>Total</b>	<b>\$88,400</b>	<b>\$6,200</b>	<b>\$29,700</b>	<b>\$4,500</b>
Importance Code A	\$65,900	\$6,100	\$28,500	\$3,700
Importance Code B	\$22,500	\$100	\$1,200	\$800
<b>Total</b>	<b>\$88,400</b>	<b>\$6,200</b>	<b>\$29,700</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**  
**MIDGET SQUADRON YACHT CLUB (PAERDEGAT BASIN 2)**

**Asset # : 13614**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	50%	4+	\$17,800	2023	\$59,300	5	\$900	
Aging, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Rotting/Splitting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Timber	50%			2020	\$59,300	5	\$1,800	
Gangways								
Aluminum	50%			2045	**	1-3	\$3,900	
Steel	25%	2-4	\$7,300	2055	**	1-3	\$1,900	
Corrosion, Extent : Light, Area Affected : 100%								
Location : Throughout								
Cracked Weld, Extent : Severe, Area Affected : 2%								
Location : One Location On North Dock Gangway								
Timber	25%	4+	\$5,100	2025	\$5,100	1-3	\$700	
Rotting/Splitting, Extent : Moderate, Area Affected : 10%								
Location : Random								
Pile Caps								
Timber	25%	4+	\$2,900	2055	**	4	\$600	
Rotting/Splitting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Timber	5%	2-4	\$600	2055	**	4	\$100	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%								
Location : Isolated								
Timber	70%			2035	**	4	\$2,400	
Piles and Bracing								
Timber	100%	4+	\$48,400	2051	**	4-5	\$9,000	
Rotting/Splitting, Extent : Moderate, Area Affected : 25%								
Location : Tops Of Piles								
Floating Docks								
Anchor Piles								
Timber	25%	4+	\$22,100	2026	\$73,500	4-5	\$5,400	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : Throughout Tidal Zone								
Timber	25%	2-4	\$22,100	2026	\$73,500	4-5	\$5,400	
Abrasion, Extent : Moderate, Area Affected : 50%								
Location : In Tidal Zone And Splash Zone								
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : In Tidal Zone And Splash Zone								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Floating Docks									
Deck									
Timber	10%	Now	\$12,700	2025	\$12,700	5	\$2,400		
Rotting/Splitting, Extent : Severe, Area Affected : 100%									
Location : At South And North Ends Of Marina									
Timber	90%	4+	\$68,800	2023	\$114,700	5	\$21,400		
Aging, Extent : Light, Area Affected : 50%									
Location : Throughout									
Rotting/Splitting, Extent : Light, Area Affected : 50%									
Location : Throughout									
Floats/Frames									
Polyethylene	80%	2-4	\$162,100	2030	**	1-5	\$38,900		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Listing									
Polyethylene	10%			2030	**	1-5	\$6,800		
Polyethylene	10%	Now	\$20,300	2030	**	1-5	\$4,900		
Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 100%									
Location : At South And North Ends Of Marina									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Corrosion And Rot In Finger Float Connections									
Mooring Piles									
Timber	25%	2-4	\$5,000	2026	\$12,500	4-5	\$900		
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Timber	25%	4+	\$5,000	2026	\$12,500	4-5	\$900		
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : In Tidal Zone									
Not Accessible	50%								
Launch/Haulout									
Piles and Bracing									
Timber	100%	Now	\$53,100	2045	**	4	\$1,800	1	
Broken, Extent : Severe, Area Affected : 100%									
Location : Collapsed									
Rotting/Splitting, Extent : Moderate, Area Affected : 30%									
Location : In Tidal Zone									
Ramp									
Concrete	100%	4+	\$47,900	2045	**	5	\$27,900		
Cracking, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 50%									
Location : Throughout									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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	
Launch/Haulout Runway Timber	100%	Now	\$31,100	2030	**	4	\$4,000	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Collapsed</i>								
<i>Rotting/Splitting, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Electrical Conduit								
PVC	10%			2019	\$5,000			
PVC	50%	0-2	\$7,400	2021	\$24,800			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout North Dock</i>								
<i>Explanation : Loose, Exposed Wiring</i>								
Not Accessible	40%							
Lighting Fixture Sodium	100%			2019	\$43,800			
Electrical/Mech. Power Supply/Bollards Steel	100%			2023	\$209,600			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Surface Corrosion</i>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 22-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8470 **Lot** : 1350 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$185,700	\$143,200
<b>Total</b>	<b>\$185,700</b>	<b>\$143,200</b>
Importance Code A	\$185,700	\$143,200
<b>Total</b>	<b>\$185,700</b>	<b>\$143,200</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$28,200	\$4,600	\$4,800	\$2,500
<b>Total</b>	<b>\$28,200</b>	<b>\$4,600</b>	<b>\$4,800</b>	<b>\$2,500</b>
Importance Code A	\$28,200	\$4,500	\$3,200	\$2,500
Importance Code B	\$100	\$100	\$1,600	\$100
<b>Total</b>	<b>\$28,200</b>	<b>\$4,600</b>	<b>\$4,800</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 &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	
Access Walkways								
Gangways								
Aluminum	100%			2045	* *	1-3	\$5,300	
Floating Docks								
Anchor Piles								
Timber	50%			2026	\$35,800	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%			2023	\$102,000	5	\$38,100	
Timber	5%	4+	\$5,400	2025	\$5,400	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%			2030	* *	1-5	\$14,300	
Polyethylene	5%	4+	\$17,100	2030	* *	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%			2030	* *			
Timber	5%	2-4	\$4,900	2030	* *			
			<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	70%			2023		3		
			<i>Worn, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Two Timber Piles With Light Wearing In Tidal Zone</i>					
Not Accessible	30%							
Piles and Bracing								
Timber	50%	2-4	\$185,700	2055	* *	4	\$1,300	
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Two Piles At South Leg Of Haul Out</i>					
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Two Piles At South Leg Of Haul Out</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Above Tidal Zone In First Generation Piles</i>					
			<i>Explanation : Fungal Decay/ Natural Defects</i>					
Timber	40%			2045	* *	4	\$1,000	
			<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	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 &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	
Launch/Haulout								
Runway								
Steel	30%			2045	* *	5	\$700	
		<i>Corrosion, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Surface Corrosion</i>						
Timber	40%			2026	\$17,400	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								
Conduit								
Steel	5%			2023				
PVC	80%			2021				
Not Accessible	15%							
Lighting Fixture								
Incandescent	100%			2019				
Electrical/Mech.								
Power Supply/Bollards								
Steel	100%			2023				
		<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%			2021				
		<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 21-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 3 **Lot** : 1 **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$18,500	\$100	\$100	\$3,200
<b>Total</b>	<b>\$18,500</b>	<b>\$100</b>	<b>\$100</b>	<b>\$3,200</b>
Importance Code A	\$10,700			\$1,400
Importance Code B	\$7,500	\$100	\$100	\$1,800
Importance Code C	\$300			
<b>Total</b>	<b>\$18,500</b>	<b>\$100</b>	<b>\$100</b>	<b>\$3,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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	\$7,500	2045	* *	1-3	\$5,900	
Surface Wearing/Scaling, Extent : Moderate, Area Affected : 5%								
Location : Wheels Locked, Wearing Plate On Landside								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : At Barge Side Of Gangway								
Explanation : Failed Pin Connection								
Floating Docks								
Anchor Piles								
Steel	50%	4+	\$3,200	2045	* *	3-5	\$4,300	
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Above Mlw Elevation								
Missing Coating, Extent : Moderate, Area Affected : 30%								
Location : Above Mlw Elevation								
Not Accessible	50%							
Fenders								
Rubber	100%	0-2	\$300	2025	\$300	1-2	\$200	
Worn, Extent : Severe, Area Affected : 30%								
Location : In Wearing Zone Of Rubber Buffers								
Other Observation, Extent : Light, Area Affected : 10%								
Location : In Splash Zone On Steel Panels								
Explanation : Corrosion								
Railing								
Steel	100%			2023				
Corrosion, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout								
Barge								
Steel	50%			2034	* *	5	\$1,100	
Steel	10%	4+	\$7,000	2034	* *	5	\$100	
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Alongside Of Barge								
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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : PAERDEGAT SQUADRON YATCH 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** : 08-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$111,000	\$135,600
<b>Total</b>	<b>\$111,000</b>	<b>\$135,600</b>
Importance Code A	\$51,100	\$135,600
Importance Code B	\$59,900	
<b>Total</b>	<b>\$111,000</b>	<b>\$135,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$15,700	\$3,700	\$2,300	\$1,800
<b>Total</b>	<b>\$15,700</b>	<b>\$3,700</b>	<b>\$2,300</b>	<b>\$1,800</b>
Importance Code A	\$14,300	\$3,700	\$2,200	\$700
Importance Code B	\$1,400			\$1,100
<b>Total</b>	<b>\$15,700</b>	<b>\$3,700</b>	<b>\$2,300</b>	<b>\$1,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**PAERDEGAT SQUADRON YATCH CLUB (PAERDEGAT BASIN 5)**  
**Asset # : 13617**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2023	\$75,200	5	\$2,200	
Gangways								
Steel	100%	4+	\$1,400	2045	* *	1-3	\$3,500	
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Throughout Both Gangways							
Pile Caps								
Timber	80%	4+	\$5,800	2055	* *	4	\$1,200	
	Rotting/Splitting, Extent : Light, Area Affected : 50%							
	Location : Random							
Timber	20%	0-2	\$1,500	2055	* *	4	\$300	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Offshore Pile Caps							
	Explanation : Poor/ Inadequate Connection							
Piles and Bracing								
Timber	40%	2-4	\$40,900	2055	* *	4-5	\$2,300	
	Rotting/Splitting, Extent : Moderate, Area Affected : 50%							
	Location : Random							
Timber	50%			2045	* *	4-5	\$5,300	
	Rotting/Splitting, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Timber	10%	Now	\$10,200	2055	* *	4-5	\$600	
	Rotting/Splitting, Extent : Severe, Area Affected : 100%							
	Location : Inshore Pile Bent At South Access Walkway							
Floating Docks								
Anchor Piles								
Timber	50%			2026	\$37,700	4-5	\$4,600	
	Rotting/Splitting, Extent : Light, Area Affected : 20%							
	Location : Tidal Zone							
Timber	30%	Now	\$4,500	2026	\$22,600	4-5	\$1,700	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Along Main Pier							
	Explanation : Broken/ Missing Pile Collar							
Not Accessible	20%							
Deck								
Timber	90%			2023	\$20,400	5	\$7,600	
	Surface Wearing/Scaling, Extent : Light, Area Affected : 10%							
	Location : Isolated Throughout							
Timber	10%	Now	\$2,300	2025	\$2,300	5	\$400	
	Missing Components, Extent : Severe, Area Affected : 100%							
	Location : Missing Deck Boards Throughout							
Floats/Frames								
Polyethylene	35%			2030	* *	1-5	\$4,200	
Timber	45%			2030	* *			
Not Accessible	20%							

## Launch/Haulout

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific 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 SQUARDRON YATCH 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	
Launch/Haulout Ramp Concrete	100%	4+	\$59,900	2051	* *	5	\$34,900	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 10%</i> <i>Location : Top Surface In 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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : PIER 84 WATER TAXI LANDING  
**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** : 704 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 21-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2019 - 2022	FY 2023 - 2028
Marinas/Docks		\$65,000
<b>Total</b>		<b>\$65,000</b>
Importance Code A		\$65,000
<b>Total</b>		<b>\$65,000</b>

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$11,900	\$100	\$1,400	\$1,500
<b>Total</b>	<b>\$11,900</b>	<b>\$100</b>	<b>\$1,400</b>	<b>\$1,500</b>
Importance Code A	\$11,900			\$1,400
Importance Code B	\$100	\$100	\$1,400	\$100
Importance Code C				
<b>Total</b>	<b>\$11,900</b>	<b>\$100</b>	<b>\$1,400</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**  
**PIER 84 WATER TAXI LANDING**  
**Asset # : 14411**

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%			2045	* *	1-3	\$4,600	
Floating Docks								
Anchor Piles								
Steel	50%	4+	\$5,300	2045	* *	3-5	\$4,300	
	<i>Corrosion, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Above Mlw Elevation On All Piles</i>							
Not Accessible	50%							
Fenders								
Rubber	100%			2023	\$300	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>							
Barge								
Steel	50%			2034	* *	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%	4+	\$6,000	2034	* *	5	\$100	
	<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : In Splash Zone On Access Ladder And Isolated Along Sides Of Barge</i>							
Not Accessible	40%							
Deck Elements								
Railing								
Steel	100%			2023	\$65,000			
	<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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks		\$616,600
<b>Total</b>		<b>\$616,600</b>
Importance Code A		\$342,200
Importance Code B		\$274,500
<b>Total</b>		<b>\$616,600</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$23,400	\$7,100	\$28,700	\$6,900
<b>Total</b>	<b>\$23,400</b>	<b>\$7,100</b>	<b>\$28,700</b>	<b>\$6,900</b>
Importance Code A	\$23,100	\$4,900	\$18,100	\$3,800
Importance Code B	\$300	\$2,200	\$10,600	\$3,100
<b>Total</b>	<b>\$23,400</b>	<b>\$7,100</b>	<b>\$28,700</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**  
**PRINCESS BAY BOATMANS ASSOCIATION**  
**Asset # : 13641**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	100%			2023	\$74,200	5	\$2,200	
Gangways									
	Timber	100%			2023	\$63,300	1-3	\$8,800	
Loose Connections, Extent : Moderate, Area Affected : 10%									
Location : Two Northernmost Gangways Top Connection Not Secure									
Pile Caps									
	Timber	100%			2045	* *	4	\$1,400	
Piles and Bracing									
	Timber	100%			2045	* *	4-5	\$10,500	
Floating Docks									
Anchor Piles									
	Steel	25%			2051	* *	3-5	\$31,900	
	Timber	50%			2026	\$109,300	4-5	\$13,300	
Other Observation, Extent : Moderate, Area Affected : 2%									
Location : One Location									
Explanation : Missing Pile Guide									
	Not Accessible	25%							
Deck									
	Timber	95%			2024	\$114,300	5	\$42,600	
	Timber	5%	Now	\$1,800	2024	\$6,000	5	\$1,100	
Missing Components, Extent : Moderate, Area Affected : 100%									
Location : Isolated Missing Planks									
Floats/Frames									
	Polystyrene	60%			2030	* *			
	Timber	40%			2030	* *			
Mooring Piles									
	Timber	75%			2026	\$211,200	4-5	\$26,100	
	Not Accessible	25%							
Launch/Haulout									
Piles and Bracing									
	Timber	80%			2045	* *	4	\$1,800	
	Not Accessible	20%							
Runway									
	Timber	100%			2026	\$38,400	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 20-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1819 **Lot** : 203 **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$98,700	
<b>Total</b>	<b>\$98,700</b>	
Importance Code A	\$98,700	
<b>Total</b>	<b>\$98,700</b>	

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$4,500	\$8,700	\$5,000	\$300
<b>Total</b>	<b>\$4,500</b>	<b>\$8,700</b>	<b>\$5,000</b>	<b>\$300</b>
Importance Code A	\$2,400	\$8,400		
Importance Code B	\$200	\$200	\$4,800	\$200
Importance Code C	\$1,900	\$100	\$200	\$100
<b>Total</b>	<b>\$4,500</b>	<b>\$8,700</b>	<b>\$5,000</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**  
**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	100%			2051	* *	1-3	\$15,800	
Floating Docks								
Anchor Piles								
Steel	70%			2035	* *	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+	\$1,900	2025	\$1,900	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+	\$98,700	2034	* *	5	\$3,100	
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Sides Of Barge , Under Worn Surfacing On Top Of Barge</i>					
			<i>Missing Coating, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
Not Accessible	40%							
Deck Elements								
Railing								
Steel	90%			2023				
No Component	10%							
Electrical								
Lighting Fixture								
Incandescent	100%	Now	\$2,400	2020	\$4,700			
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : At Both Lights</i>					
			<i>Explanation : Not Connected</i>					

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : SEABAGO 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** : 07-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 1 **BIN** :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$10,600		\$1,500	
<b>Total</b>	<b>\$10,600</b>		<b>\$1,500</b>	
Importance Code A	\$10,600		\$400	
Importance Code B			\$1,100	
<b>Total</b>	<b>\$10,600</b>		<b>\$1,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF PARKS & RECREATION - 846**  
**SEABAGO CANOE CLUB (PAERDEGAT BASIN 4)**

**Asset # : 13615**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2024	\$18,000	5	\$500	
Gangways								
Aluminum	100%			2051	* *	1-3	\$3,700	
Pile Caps								
Timber	100%			2045	* *	4	\$300	
Piles and Bracing								
Timber	100%	4+	\$7,300	2051	* *	4-5	\$1,400	
Rotting/Splitting, Extent : Moderate, Area Affected : 15%								
Location : One Of Six Piles Has 30% Section Loss								
Floating Docks								
Anchor Piles								
Timber	80%			2029	* *	4-5	\$2,200	
Not Accessible	20%							
Deck								
Timber	100%			2024	\$11,200	5	\$4,200	
Floats/Frames								
Timber	100%			2033	* *			

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.*

*Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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** : 1,000 **Project Type** : PARKS AND RECREATION  
**Date of Survey** : 17-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL****Total**

Importance Code

**Total**

EXPENSE	FY 2019	FY 2020	FY 2021	FY 2022
Marinas/Docks	\$8,700	\$400	\$1,000	\$2,500
<b>Total</b>	<b>\$8,700</b>	<b>\$400</b>	<b>\$1,000</b>	<b>\$2,500</b>
Importance Code A	\$2,300	\$400	\$900	\$200
Importance Code B	\$6,400	\$100	\$100	\$2,300
<b>Total</b>	<b>\$8,700</b>	<b>\$400</b>	<b>\$1,000</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**  
**SHEA STADIUM FERRY LANDING**  
**Asset # : 14410**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	100%	4+	\$6,400	2045	* *	1-3	\$7,500	
Handrail Damage, Extent : Moderate, Area Affected : 5%								
Location : Top Of Access Gangway								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Bottom Of Two Gangways								
Explanation : Missing Kick Plates								
Floating Docks								
Anchor Piles								
Steel	10%			2045	* *	3-5	\$1,300	
Corrosion, Extent : Light, Area Affected : 30%								
Location : Above Mlw Elevation								
Missing Coating, Extent : Light, Area Affected : 40%								
Location : Above Mlw Elevation								
Timber	35%			2026	\$7,900	4-5	\$1,000	
Abrasion, Extent : Light, Area Affected : 40%								
Location : Above Mlw Elevation								
Timber	10%	0-2	\$2,300	2030	* *	4-5	\$200	
Abrasion, Extent : Severe, Area Affected : 100%								
Location : Above Mlw Elevation At Inshore Most Pile								
Not Accessible	45%							
Deck								
Timber	100%			2023	\$10,800	5	\$4,000	
Aging, Extent : Light, Area Affected : 30%								
Location : Throughout								
Floats/Frames								
Polyethylene	20%			2030	* *	1-5	\$1,100	
Timber	50%			2030	* *			
Aging, Extent : Light, Area Affected : 30%								
Location : Throughout								
Not Accessible	30%							
Fender								
Piles								
Timber	50%			2026	\$17,600			
Other Observation, Extent : Light, Area Affected : 40%								
Location : Above Mlw Elevation								
Explanation : Abrasion								
Not Accessible	50%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$81,800	\$355,500
<b>Total</b>	<b>\$81,800</b>	<b>\$355,500</b>
Importance Code A	\$81,800	\$40,800
Importance Code C		\$314,700
<b>Total</b>	<b>\$81,800</b>	<b>\$355,500</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$57,300	\$700	\$100	\$5,700
<b>Total</b>	<b>\$57,300</b>	<b>\$700</b>	<b>\$100</b>	<b>\$5,700</b>
Importance Code A	\$17,500	\$600	\$100	\$4,400
Importance Code B	\$18,300	\$100	\$100	\$1,300
Importance Code C	\$21,600			
<b>Total</b>	<b>\$57,300</b>	<b>\$700</b>	<b>\$100</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**  
**SNUG HARBOR FERRY LANDING**  
**Asset # : 13932**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Access Walkways									
Deck									
Timber	95%			2024	\$38,800	5	\$1,200		
	Surface Wearing/Scaling, Extent : Light, Area Affected : 40%								
	Location : Throughout								
Timber	5%	Now	\$2,000	2026	\$2,000	5			
	Missing Components, Extent : Severe, Area Affected : 100%								
	Location : At Offshore End Of Access Walkway								
Gangways									
Aluminum	100%	Now	\$18,300	2056	**	1-3	\$4,300		
	Missing Components, Extent : Severe, Area Affected : 100%								
	Location : Entire Gangway								
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+	\$5,100	2046	**	3-5	\$5,200		
	Corrosion, Extent : Moderate, Area Affected : 10%								
	Location : Exposed Steel Above The Mlw Elevation								
	Missing Coating, Extent : Moderate, Area Affected : 10%								
	Location : Above The Mlw Elevation								
Not Accessible	40%								
Deck									
Timber	95%			2024	\$6,600	5	\$2,500		
	Surface Wearing/Scaling, Extent : Light, Area Affected : 60%								
	Location : Throughout								
Timber	5%	Now	\$300	2026	\$300	5	\$100		
	Missing Components, Extent : Severe, Area Affected : 100%								
	Location : Isolated								
Floats/Frames									
Aluminum	25%			2034	**	5-10			
Aluminum	5%	Now	\$5,500	2036	**	5			
	Missing Connections, Extent : Severe, Area Affected : 100%								
	Location : Inner Pile Guide								
Polyethylene	5%			2031	**	1-5	\$200		
Polyethylene	5%	Now	\$2,700	2036	**	1-5	\$100		
	Missing Components, Extent : Severe, Area Affected : 100%								
	Location : Two Floats In Frame Extension								
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Protective Structure									
	Pile Cluster								
	Timber	60%			2027	\$242,800	4-10	\$88,000	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Lower Cable Windings Above The Mlw Elevation							
		Explanation : Corrosion Of Cable Windings							
	Timber	20%	Now	\$16,200	2031	* *	4	\$3,600	
		Broken, Extent : Severe, Area Affected : 25%							
		Location : Single Cluster At End Of Wave Attenuator							
	Not Accessible	20%							
Wave Attenuator									
	Steel/Timber	70%	2-4	\$42,600	2046	* *	5	\$11,500	
		Corrosion, Extent : Moderate, Area Affected : 10%							
		Location : Splash Zone And Tidal Zone							
		Loose Connections, Extent : Severe, Area Affected : 20%							
		Location : Lower Connections At 100% Of Timbers Throughout Wavescreen							
		Missing Coating, Extent : Moderate, Area Affected : 10%							
		Location : Splash Zone On Steel Elements							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Throughout							
		Explanation : Broken							
	Not Accessible	30%							
Deck Elements									
	Railing								
	Aluminum	100%			2025	\$11,000			
Movable Ramps									
	Deck and Railing								
	Aluminum	50%	0-2	\$39,300	2041	* *			
		Corrosion, Extent : Severe, Area Affected : 50%							
		Location : Hoist Pulley System							
		Cracked Weld, Extent : Moderate, Area Affected : 50%							
		Location : Hoist Pulley System							
		Loose Connections, Extent : Severe, Area Affected : 50%							
		Location : Connection To Dock							
	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 : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019	FY 2020	FY 2021	FY 2022
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**

Marinas/Docks		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Concrete	85%			2036	* *	5	\$400	
	Concrete	15%	4+	\$1,000	2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Beneath Southwest Corner Of Slab									
Explanation : Undermining									
Launch/Haulout									
Ramp									
	Concrete	90%			2047	* *	5-10	\$9,300	
Surface Wearing/Scaling, Extent : Light, Area Affected : 50%									
Location : Throughout									
Other Observation, Extent : Light, Area Affected : 100%									
Location : On Connecting Bolts And Tabs									
Explanation : Corrosion									
	Concrete	10%	4+	\$900	2047	* *	5	\$500	
Other Observation, Extent : Light, Area Affected : 10%									
Location : At Top Of Ramp									
Explanation : Missing Treads									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**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 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$1,567,800	\$1,489,000
<b>Total</b>	<b>\$1,567,800</b>	<b>\$1,489,000</b>
Importance Code A	\$1,567,800	\$1,215,300
Importance Code B		\$273,800
<b>Total</b>	<b>\$1,567,800</b>	<b>\$1,489,000</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$66,800	\$16,900	\$13,800	\$49,300
<b>Total</b>	<b>\$66,800</b>	<b>\$16,900</b>	<b>\$13,800</b>	<b>\$49,300</b>
Importance Code A	\$23,500	\$16,800	\$12,800	\$35,000
Importance Code B	\$43,300	\$100	\$1,000	\$14,300
<b>Total</b>	<b>\$66,800</b>	<b>\$16,900</b>	<b>\$13,800</b>	<b>\$49,300</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**  
**WORLDS FAIR MARINA #1 PIERS 2 AND 3**  
**Asset # : 13600**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	100%			2021	\$191,900	5	\$5,700	
Aging, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Pier 2									
Gangways									
	Steel	50%			2036	* *	1-3	\$3,200	
Corrosion, Extent : Light, Area Affected : 15%									
Location : Pier 3									
Other Observation, Extent : Light, Area Affected : 30%									
Location : Timber Walking Surface									
Explanation : Aging									
	Steel	50%	Now	\$12,300	2056	* *	1-3	\$3,200	
Corrosion, Extent : Severe, Area Affected : 100%									
Location : Pier 2									
Pile Caps									
	Timber	100%			2046	* *	4	\$3,700	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Piles and Bracing									
	Timber	40%	2-4	\$10,400	2056	* *	4-5	\$5,800	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%									
Location : 2 Piles On Pier 2 Access Walkway									
	Timber	40%			2036	* *	4-5	\$11,300	
	Not Accessible	20%							
Floating Docks									
Anchor Piles									
	Timber	50%			2024	\$269,500	4-5	\$36,100	
Abrasion, Extent : Moderate, Area Affected : 40%									
Location : Tidal Zone									
Rotting/Splitting, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
	Timber	25%			2020	\$134,800	4-5	\$18,100	
Worn, Extent : Moderate, Area Affected : 100%									
Location : Pier 2									
	Not Accessible	25%							
Deck									
	Timber	32%	Now	\$155,600	2026	\$155,600	5	\$29,000	
Broken, Extent : Severe, Area Affected : 5%									
Location : Displaced Section On Main Float Of Pier 3									
Missing Components, Extent : Severe, Area Affected : 95%									
Location : All Of Pier 2 Floats									
	Timber	68%			2024	\$330,600	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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks								
Floats/Frames								
Polyethylene	5%	0-2	\$115,900	2031	**	1-5	\$9,300	
	Other Observation, Extent : Moderate, Area Affected : 60%							
	Location : Isolated Floats At Pier 3							
	Explanation : Listing							
Polyethylene	30%	Now	\$695,600	2036	**	1-5	\$55,600	
	Missing Components, Extent : Severe, Area Affected : 100%							
	Location : All Of Pier 2 Floats							
Not Accessible	65%							
Mooring Piles								
Timber	60%			2027	\$273,800	4-5	\$37,400	
Timber	10%	2-4	\$27,400	2031	**	4-5	\$3,400	
	Rotting/Splitting, Extent : Severe, Area Affected : 30%							
	Location : Tidal Zone							
Not Accessible	30%							
Launch/Haulout								
Piles and Bracing								
Timber	45%			2046	**	4	\$2,700	
Timber	45%	4+	\$79,600	2046	**	4	\$2,700	
	Rotting/Splitting, Extent : Moderate, Area Affected : 30%							
	Location : Tidal Zone							
Not Accessible	10%							
Runway								
Steel	100%	4+	\$92,900	2056	**	5	\$2,800	
	Corrosion, Extent : Severe, Area Affected : 100%							
	Location : Throughout With Temporary Plate Repairs							
Protective Structure								
Wave Attenuator								
Concrete	50%			2031	**	10		
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Tidal Zone							
	Explanation : Aging							
Steel/Timber	25%			2046	**	5	\$79,800	
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Steel Pipe Piles							
Not Accessible	25%							
Electrical								
Conduit								
PVC	10%			2022	\$7,500			
Not Accessible	90%							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2024	\$328,900			
Mech./Plumbing								

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**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #1 PIERS 2 AND 3**  
**Asset # : 13600**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Mech./Plumbing								
	Sanitary Piping							
	PVC	10%		2022				
	Not Accessible	90%						
	Water Supply							
	PVC	10%		2022	\$19,400			
	Not Accessible	90%						

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Print Date : 13-Oct-2017

**DEPT. OF PARKS & RECREATION - FY 2018**

**Asset Name** : **WORLDS FAIR MARINA #2 PIER 1**  
**Address** : **FLUSHING BAY**  
**Borough** : **QUEENS** **Agency's Number** : **N/A**  
**Program / Asset #** : **PAR0136.000 / 13601** **Yr Built/Renovated** : **1964 /**  
**Area Sq Ft** : **69,200** **Project Type** : **PARKS AND RECREATION**  
**Date of Survey** : **12-Dec-2014** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **1789** **Lot** : **65** **BIN** :

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>	<b>FY 2023 - 2028</b>
Marinas/Docks	\$7,539,500	\$1,081,700
<b>Total</b>	<b>\$7,539,500</b>	<b>\$1,081,700</b>
Importance Code A	\$7,539,500	\$887,000
Importance Code B		\$194,600
<b>Total</b>	<b>\$7,539,500</b>	<b>\$1,081,700</b>

<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Marinas/Docks	\$69,400	\$58,500	\$6,400	\$128,400
<b>Total</b>	<b>\$69,400</b>	<b>\$58,500</b>	<b>\$6,400</b>	<b>\$128,400</b>
Importance Code A	\$43,200	\$58,000	\$1,000	\$108,400
Importance Code B	\$26,200	\$500	\$5,400	\$20,000
<b>Total</b>	<b>\$69,400</b>	<b>\$58,500</b>	<b>\$6,400</b>	<b>\$128,400</b>



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**DEPT. OF PARKS & RECREATION - 846**  
**WORLDS FAIR MARINA #2 PIER 1**  
**Asset # : 13601**

Marinas/Docks		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways									
Deck									
	Timber	100%			2019	\$5,810,000	5	\$172,100	
Aging, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Splitting, Extent : Moderate, Area Affected : 10%									
Location : Isolated									
Gangways									
	Aluminum	5%	0-2	\$7,600	2052	* *	1-3	\$1,800	
Loose Connections, Extent : Severe, Area Affected : 100%									
Location : Damaged Connections To Dock At 2 Northern Docks									
	Aluminum	90%			2046	* *	1-3	\$42,400	
	Timber	5%			2021	\$4,800	1-3	\$700	
Rotting/Splitting, Extent : Light, Area Affected : 100%									
Location : Gangway To Dock B									
Pile Caps									
	Timber	100%			2036	* *	4	\$167,700	
Other Observation, Extent : Light, Area Affected : 15%									
Location : Surface Corrosion Of Steel Pile Caps									
Explanation : Corrosion									
Piles and Bracing									
	Timber	40%	4+	\$947,500	2056	* *	4-5	\$176,400	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Tidal Zone									
Splitting, Extent : Moderate, Area Affected : 50%									
Location : Tidal Zone									
	Timber	10%	Now	\$236,900	2056	* *	4-5	\$44,100	
Displaced Elements, Extent : Severe, Area Affected : 10%									
Location : Isolated Missing Piles									
Missing Components, Extent : Severe, Area Affected : 75%									
Location : Timber Bracing									
Rotting/Splitting, Extent : Severe, Area Affected : 25%									
Location : Timber Bracing									
	Not Accessible	50%							
Fender Piles, Wales and Cho									
	Timber	50%	Now	\$185,800	2041	* *	3	\$145,100	
Broken, Extent : Severe, Area Affected : 100%									
Location : Throughout									
	Timber	25%	0-2	\$92,900	2041	* *	3	\$72,500	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
	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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks									
	Anchor Piles								
	Steel	15%			2046	**	3-5	\$35,200	
		Corrosion, Extent : Light, Area Affected : 10%							
		Location : Above Mhw							
	Timber	15%	Now	\$13,700	2031	**	4-5	\$3,400	
		Missing Components, Extent : Severe, Area Affected : 60%							
		Location : Ends Of Fingers							
		Rotting/Splitting, Extent : Severe, Area Affected : 40%							
		Location : Above Mlw							
	Timber	45%			2024	\$137,400	4-5	\$18,400	
	Not Accessible	25%							
Deck									
	Timber	95%			2024	\$272,000	5	\$101,500	
	Timber	5%	0-2	\$14,300	2026	\$14,300	5	\$2,700	
		Broken, Extent : Severe, Area Affected : 50%							
		Location : Northern End Of Dock B							
		Surface Wearing/Scaling, Extent : Severe, Area Affected : 50%							
		Location : Fuel Dock							
Floats/Frames									
	Polyethylene	5%	Now	\$68,300	2036	**	1-5	\$5,500	
		Waterlogged/Damaged Floatation, Extent : Severe, Area Affected : 100%							
		Location : Dock B And Fuel Dock							
	Not Accessible	95%							
Mooring Piles									
	Timber	65%			2027	\$194,600	4-5	\$26,600	
	Timber	5%	Now	\$6,000	2031	**	4-5	\$1,100	
		Rotting/Splitting, Extent : Severe, Area Affected : 30%							
		Location : At Finger Docks Mostly In Dock B							
	Not Accessible	30%							
Electrical									
	Conduit								
	PVC	10%			2022	\$7,400			
	Not Accessible	90%							
	Lighting Fixture								
	Sodium	100%			2020	\$61,300			
Electrical/Mech.									
	Power Supply/Bollards								
	Plastic	100%			2024	\$132,900			
Mech./Plumbing									
	Sanitary Piping								
	PVC	30%			2022	\$6,900			
	Not Accessible	70%							
	Water Supply								
	PVC	10%			2022	\$12,600			
	Not Accessible	90%							

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**DEPT. OF PARKS & RECREATION - 846****Project : PARKS AND RECREATION**

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>		<b>FY 2023 - 2028</b>	
Miscellaneous Buildings	44,524,000		15,661,700	
<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Miscellaneous Buildings	1,786,200	740,800	523,600	627,900

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
266	VAN CORTLANDT PARK CART STORAGE - 0018	750	48,300	1,700
267	VAN CORTLANDT PARK WOODLAWN COMFORT STATION - 0019	400	0	19,900
275	VAN CORTLANDT PARK MAINTENANCE STORAGE - 0017	1,824	117,500	4,200
282	VAN CORTLANDT PARK PUMP HOUSE - 0013	169	0	8,400
283	VAN CORTLANDT PARK MOSHOLU CLUBHOUSE - 0014	6,144	395,700	14,000
284	VAN CORTLANDT PARK CONCESSION STAND - 0015	396	0	19,700
285	VAN CORTLANDT PARK GOLF COMFORT STATION - 0016	550	35,400	1,300
286	CENTRAL PARK ARCH I - 256	4,000	257,600	9,100
287	CENTRAL PARK ARCH B - 249	4,000	257,600	9,100
288	CENTRAL PARK ARCH C - 250	4,000	257,600	9,100
289	CENTRAL PARK ARCH D - 251	4,000	257,600	9,100
290	CENTRAL PARK BRIDGE GILL (21) - 122	4,000	257,600	9,100
291	CENTRAL PARK BRIDGE GILL 22T - 123	4,000	257,600	9,100
292	CENTRAL PARK BRIDGE, AZALEA POND - 124	4,000	257,600	9,100
293	CENTRAL PARK PEDESTRIAN BRIDGE - 186A	4,000	257,600	9,100
294	CENTRAL PARK FOOT BRIDGE - 226A	4,000	257,600	9,100
295	CENTRAL PARK RUSTIC BRIDGE (32) - 230	4,000	257,600	9,100
306	CENTRAL PARK DUCK POND BRIDGE - 012S	4,000	257,600	9,100
307	CENTRAL PARK ZOO - CHILDREN'S ZOO AND ADMIN.	6,100	392,900	13,900
308	CENTRAL PARK ARCH E - 252	4,000	257,600	9,100
309	CENTRAL PARK ARCH F - 253	4,000	257,600	9,100
310	CENTRAL PARK ARCH G - 254	4,000	257,600	9,100
560	PLAYGROUND AND POOL WADING POOL	682	43,900	1,600
561	WAGNER HOUSES POOL INTERMEDIATE POOL	4,500	289,800	10,200
562	WAGNER HOUSES POOL WADING POOL	576	37,100	1,300
563	TREMONT PARK STORAGE BUILDING	1,380	88,900	3,100
573	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	1,600	103,000	3,600
574	CARL SCHURZ PARK SHED	184	0	9,200
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	271,500	9,600
580	EAST RIVER PARK COMFORT STATION	1,104	71,100	2,500

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
581	SHELTERING ARMS PARK INDOOR POOL	4,560	293,700	10,400
582	SHELTERING ARMS PARK WADING POOL	600	38,600	1,400
583	PLAYGROUND AND POOL SZOLD POOL, INTERMEDIATE	4,621	297,600	10,500
593	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	2,128	137,100	4,800
594	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	1,600	103,000	3,600
614	KISSENA PARK PUMPHOUSE - 04	600	38,600	1,400
615	KISSENA PARK COMFORT STATION	1,664	107,200	3,800
616	ALLEY POND PARK COMFORT STATION ALLEY SPRINGFIELD PLAYGROUND	1,000	64,400	2,300
617	ALLEY POND ATHLETIC PARK TENNIS BLDG - 02	2,106	135,600	4,800
623	PROSPECT PARK WELL HOUSE - 014C	945	60,900	2,200
624	PROSPECT PARK CHILDRENS FARM - 015A	5,820	374,800	13,300
625	PROSPECT PARK COMFORT AND STORAGE - 015G	1,030	66,300	2,300
626	PROSPECT PARK GRECIAN PILLARS - 015J	400	0	19,900
627	CUNNINGHAM PARK PRE-SCHOOL BUILDING - 0005	2,132	137,300	4,900
628	CUNNINGHAM PARK COMFORT STATION - 0006	936	60,300	2,100
629	CUNNINGHAM PARK COMFORT STATION - 0007	1,100	70,800	2,500
630	KISSENA PARK PLAYSCHOOL AND COMFORT STATION	3,216	207,100	7,300
631	KISSENA PARK STORAGE - 02	1,080	69,600	2,500
632	KISSENA PARK CLUBHOUSE - 03	5,040	324,600	11,500
633	FORT TRYON PARK COTTAGE - 07	1,728	111,300	3,900
634	FORT TRYON PARK GAZEBO - 08	656	42,300	1,500
635	FORT TRYON PARK COTTAGE - 09	172	0	8,600
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	40,600	1,400
641	PROSPECT PARK COMFORT STATION - 010A	480	17,400	6,500
643	PELHAM BAY PARK LOCKER TRAILER - 0021	720	46,400	1,600
644	PELHAM BAY PARK RODMAN ARSENAL - 0022	1,560	100,500	3,600
645	PELHAM BAY PARK COMFORT STATION - 0023	813	52,400	1,900
646	PELHAM BAY PARK RODMAN MESS HALL - 0024	4,920	316,900	11,200
647	VEST POCKET POOL (FISHER) FISHER POOL, INTERMEDIATE	4,636	298,600	10,600
648	VEST POCKET POOL (FISHER) WADING POOL	625	40,200	1,400
649	BATTERY PARK MULTIPURPOSE BLDG. ADMIN AND LOCKERS	1,132	72,900	2,600
650	BATTERY PARK COMFORT STATION	573	36,900	1,300
651	BATTERY PARK THE BEER GARDEN	220	0	11,000

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
652	FORT TRYON PARK FIELD HOUSE BLDG D - 0005	1,428	92,000	3,300
653	FORT TRYON PARK COMFORT STATION AND STORAGE-002A	1,680	108,200	3,800
654	PS 129 MAPES POOL WADING POOL	626	40,300	1,400
657	SILVER LAKE PARK NEW PUMP HOUSE	90	0	4,500
658	PELHAM BAY PARK PELHAM MAINTENANCE - 0013	2,660	171,300	6,100
659	PELHAM BAY PARK H. JOHNSON DISTRICT OFFICE-0014	2,612	168,200	5,900
660	PELHAM BAY PARK COMFORT STATION - 0015	600	38,600	1,400
661	PELHAM BAY PARK HORSE STABLE - 0016	2,976	191,700	6,800
662	PELHAM BAY PARK PELHAM BIT STABLES - 0017	7,328	471,900	16,700
663	PELHAM BAY PARK RODMAN CLASSROOM - 0019	3,200	206,100	7,300
664	PELHAM BAY PARK N.Y. HOUSING TRAILER - 0020	720	46,400	1,600
669	VAN CORTLANDT PARK CHEMICAL STORAGE - 0021	540	34,800	1,200
671	VAN CORTLANDT PARK V.C. GOLF STORAGE - 0023	1,440	92,700	3,300
672	WILLIAMSBRIDGE PLAYGROUND HISTORICAL HOUSE	4,554	293,300	10,400
673	HAFEN PARK INTERMEDIATE POOL	4,575	294,600	10,400
674	HAFEN PARK WADING POOL	625	40,200	1,400
676	PS 129 MAPES POOL PS 129 MAPES POOL, INTERMEDIATE	4,914	316,500	11,200
700	BUSHWICK HOUSES PLAYGRND/ POOL WADING POOL	600	38,600	1,400
701	KOSCIUSKO POOL WADING POOL	1,392	89,600	3,200
718	FOREST PARK OLD STORAGE TRAILER - 24	420	15,200	5,700
719	FOREST PARK DRY HARBOR PLGD. DAY CARE AND COMFORT STATION	3,392	218,500	7,700
720	FOREST PARK TENNIS HOUSE - 26	1,625	104,700	3,700
721	FOREST PARK TENNIS STARTERS BOOTH - 27	42	0	2,100
722	JUNIPER VALLEY PARK COMFORT STATION - 01	878	56,500	2,000
723	JUNIPER VALLEY PARK OFFICE AND COMFORT STA - 02	3,990	257,000	9,100
725	ASTORIA PARK COMFORT STATION @ CHARYBDIS PLGD	676	43,500	1,500
726	ASTORIA PARK LIFE GUARD STATION	375	0	18,700
727	SOUNDVIEW PARK COMFORT STATION	600	38,600	1,400
728	BRONX PARK BRONX ZOO COMFORT STATION-0001	400	0	19,900
738	FOREST PARK GREENHOUSE OFFICE - 20	784	50,500	1,800
739	FOREST PARK POLYHOUSE - 22	1,920	123,700	4,400
741	PELHAM BAY PARK HOUSE OF CORR. CLASSROOM-0034	2,160	139,100	4,900
742	PELHAM BAY PARK BOY SHOOTING RANGE - 0035	3,225	207,700	7,300
743	PELHAM BAY PARK ADAM FIRING RANGE - 0036	1,260	81,100	2,900
744	PELHAM BAY PARK CLASSROOM #2 - 0025	1,000	64,400	2,300
745	PELHAM BAY PARK #3 OFFICE AND STORAGE - 0027	1,000	64,400	2,300

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**DEPT. OF PARKS & RECREATION - 846**

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746	PELHAM BAY PARK #4 CLASSROOM - 0028	1,000	64,400	2,300
747	PELHAM BAY PARK #5 CLASSROOM - 0029	1,000	64,400	2,300
748	PELHAM BAY PARK #6 HOUSE OF CORR. CLASSROOM-0030	1,000	64,400	2,300
761	PELHAM BAY PARK #14 WORKSHOP - 0031	3,040	195,800	6,900
762	PELHAM BAY PARK #9 CLASSROOM - 0032	2,000	128,800	4,600
763	PELHAM BAY PARK #10 CLASSROOM/STRG - 0033	1,710	110,100	3,900
765	RIVERSIDE PARK COMFORT STATION @TENNIS COURT	437	15,900	5,900
766	HIGHBRIDGE PARK COMFORT STATION - 030	400	0	19,900
767	HIGHBRIDGE PARK COMFORT STATION - 040	1,812	116,700	4,100
768	CUNNINGHAM PARK EXPEDITORS OFFICE - 0001	400	0	19,900
769	CUNNINGHAM PARK GARAGE OFFICE AND REPAIR - 0002	7,016	451,800	16,000
776	RIVERSIDE PARK COMFORT STATION @RIVERBANK PLAYGROUND	400	0	19,900
777	CENTRAL PARK MAINTENANCE OFFICE (WEST) - 162D	2,421	155,900	5,500
778	CENTRAL PARK MODEL BOATHOUSE - 023	2,412	155,300	5,500
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	41,700	1,500
782	RIVERSIDE PARK TENNIS BLDG CLAY TENNIS COURTS	108	0	5,400
783	RIVERSIDE PARK STORAGE ROTUNDA FIELD HOUSE	2,123	136,700	4,800
786	RIVERSIDE PARK PETER JAY SHARP VOLUNTEER HOUSE	1,560	100,500	3,600
788	CENTRAL PARK ZOO - VISITOR SERVICES	2,220	143,000	5,100
789	CENTRAL PARK ZOO - SCHOOL BUILDING	3,700	238,300	8,400
790	CENTRAL PARK ZOO - GIFT SHOP	3,700	238,300	8,400
791	CENTRAL PARK ZOO - ADMIN BUILDING	2,464	158,700	5,600
792	CENTRAL PARK THE DAIRY VISITOR CENTER - 018	2,890	186,100	6,600
793	CENTRAL PARK CONCESSION AND COMFORT ST. - 219	1,476	95,100	3,400
795	CENTRAL PARK NEWS STAND - 040	288	0	14,300
798	CENTRAL PARK COMFORT ST. AND STORAGE - 236A	441	16,000	6,000
799	FLUSHING MEADOWS CORONA PARK ZOO- COMFORT STATION	1,350	86,900	3,100
800	FLUSHING MEADOWS CORONA PARK ZOO - CONCESSION	2,980	191,900	6,800
801	FLUSHING MEADOWS CORONA PARK ZOO - BISON SHELTER	1,060	68,300	2,400
802	FLUSHING MEADOWS CORONA PARK ZOO - ZOO ADMINISTRATION	6,208	399,800	14,100
803	FLUSHING MEADOWS CORONA PARK ZOO - BEAR DENS	1,092	70,300	2,500

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
804	CENTRAL PARK BLOCK HOUSE - 169A	81	0	4,000
805	CENTRAL PARK SWEDISH HOUSE - 158	3,393	218,500	7,700
808	FLUSHING MEADOWS CORONA PARK ZOO - DRESSING ROOM BLDG #2	2,048	131,900	4,700
809	FLUSHING MEADOWS CORONA PARK OLMSTED RECORD AND STORAGE	406	0	20,200
813	FLUSHING MEADOWS CORONA PARK ZOO - ZOO ENTRANCE	308	0	15,300
816	FLUSHING MEADOWS CORONA PARK AVIARY ANCILLARY/SERV ENT	586	37,700	1,300
817	FLUSHING MEADOWS CORONA PARK ZOO - SEA LION DENS	1,056	68,000	2,400
818	FLUSHING MEADOWS CORONA PARK ZOO - EAGLE EXHIBIT	1,600	103,000	3,600
819	FLUSHING MEADOWS CORONA PARK OBSERVATION TOWER - 0060	600	38,600	1,400
820	PROSPECT PARK PUMP HOUSE - 001A	210	0	10,500
821	PROSPECT PARK SHELTER GRECIAN - 0029	2,838	182,800	6,500
822	PROSPECT PARK COMFORT STATION - 0042	1,782	114,800	4,100
823	FLUSHING MEADOWS CORONA PARK ZOO - DRESSING ROOM BLDG #1	2,048	131,900	4,700
824	FLUSHING MEADOWS CORONA PARK ZOO - ELK GAZEBO	729	47,000	1,700
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	186,200	6,600
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	80,500	2,800
833	FLUSHING MEADOWS CORONA PARK ZOO - BISHON EXHIBIT	7,200	463,700	16,400
834	FLUSHING MEADOWS CORONA PARK ZOO - CRANE/ ALLIGATOR EXHIBIT	2,800	180,300	6,400
835	FLUSHING MEADOWS CORONA PARK ZOO - PUDU EXHIBIT	2,000	128,800	4,600
836	FLUSHING MEADOWS CORONA PARK ZOO - BEAR EXHIBIT	1,200	77,300	2,700
837	PELHAM BAY PARK CONCESSION - 0044	420	15,200	5,700
838	PELHAM BAY PARK BUS TERMINAL - 0045	1,800	115,900	4,100
839	PELHAM BAY PARK CONCESSION - 0047	420	15,200	5,700
840	PELHAM BAY PARK ELECTRICAL STORAGE - 0048	420	15,200	5,700
841	PELHAM BAY PARK REGATTA TOWER - 0049	720	46,400	1,600
845	HAMILTON FISH PARK COMFORT STATION	1,027	66,100	2,300

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
847	METROPOLITAN BATH/ INDOOR POOL METROPOLITAN INDOOR POOL	2,250	144,900	5,100
848	SUNSET PARK COMFORT STATION	900	58,000	2,000
850	BROOKLYN WAR MEMORIAL COMFORT STATION	680	43,800	1,500
851	BROOKLYN WAR MEMORIAL COMFORT STATION	600	38,600	1,400
852	PELHAM BAY PARK CHARLIE FIRING RANGE - 0037	3,225	207,700	7,300
853	PELHAM BAY PARK DAVID FIRING RANGE - 0038	1,650	106,300	3,800
854	PELHAM BAY PARK EDWARD FIRING RANGE - 0039	1,650	106,300	3,800
855	PELHAM BAY PARK FRANK FIRING RANGE - 0040	1,650	106,300	3,800
856	PELHAM BAY PARK BOMB SQUAD - 0041	1,800	115,900	4,100
857	PELHAM BAY PARK RANGER AND COMFORT STATION -0042	2,040	131,400	4,600
858	PELHAM BAY PARK ELECTRICAL STORAGE - 0043	420	15,200	5,700
862	FDR BOARDWALK AND BEACH SOUTH BEACH PUMP HOUSE	529	19,200	7,200
863	SOUTH SHORE COUNTRY CLUB MAINTENANCE SHED	3,200	206,100	7,300
864	SOUTH SHORE COUNTRY CLUB PUMPHOUSE	256	0	12,700
865	TOTTENVILLE POOL JOLINE POOL, INTERMEDIATE	4,800	309,100	10,900
866	TOTTENVILLE POOL SMALL POOL	676	43,500	1,500
867	COMMODORE JOHN BARRY PARK WADING POOL	784	50,500	1,800
868	MCCARREN PARK BATHHOUSE	2,834	182,500	6,500
911	FOREST PARK TRANSFORMER BUILDING - 17	100	0	5,000
912	FOREST PARK CONCESSION - 18	912	58,700	2,100
923	FLUSHING MEADOWS CORONA PARK OFFICE AND COMFORT STATION	2,614	168,300	6,000
924	FOREST PARK GREENHOUSE STORAGE - 19	270	0	13,400
925	FOREST PARK JACKSON POND PLGD RECREATION CTR AND COMFORT STA	2,140	137,800	4,900
926	FOREST PARK REC STORAGE SHED - 05	320	0	15,900
927	FOREST PARK GREENHOUSE REC AND COMFORT - 06	2,430	156,500	5,500
929	FOREST PARK GOLF STORAGE - 08	125	0	6,200
930	FOREST PARK GOLF MAINTENANCE - 09	1,242	80,000	2,800
931	FOREST PARK PUMP HOUSE - 10	320	0	15,900
932	FOREST PARK METAL STORAGE - 15	6,060	390,300	13,800
933	FOREST PARK ENGINEERS OFFICE - 16	832	53,600	1,900
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	38,600	1,400

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938	FLUSHING MEADOWS CORONA PARK COMFORT STATION - 0028	666	42,900	1,500
939	FLUSHING MEADOWS CORONA PARK ALLIED CREWS STORAGE III	1,271	81,900	2,900
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	139,100	4,900
943	PROSPECT PARK ZOO - SEA LION AREA	3,864	248,900	8,800
944	PROSPECT PARK ZOO - WORLD OF ANIMALS	7,362	474,100	16,800
945	PROSPECT PARK ZOO - ANIMAL LIFE STYLES	9,371	603,500	21,300
946	PROSPECT PARK ZOO - ANIMALS IN OUR LIVES	7,362	474,100	16,800
947	PROSPECT PARK ZOO - ORIENTATION BLDG.	2,100	135,200	4,800
948	PROSPECT PARK ZOO - ANIMAL HOLDING	10,324	664,900	23,500
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	157,300	5,600
953	PROSPECT PARK ZOO - EMU/ WALLABY HOLDING	756	48,700	1,700
954	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	920	59,200	2,100
955	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	925	59,600	2,100
956	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	916	59,000	2,100
957	ROCKAWAY BEACH AND BOARDWALK GARAGE	2,445	157,500	5,600
959	ST JOHNS RECREATION CENTER INDOOR POOL	3,388	218,200	7,700
960	HOWARD HOUSE PLAYGROUND AND POOL HOWARD HOUSES POOL, INTERMEDIATE	4,867	313,400	11,100
961	HOWARD HOUSE PLAYGROUND AND POOL WADING POOL	686	44,200	1,600
964	BUSHWICK HOUSES PLAYGRND/ POOL INTERMEDIATE POOL	4,500	289,800	10,200
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	63,900	2,300
984	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - FARM HOUSE	798	51,400	1,800
985	FLUSHING MEADOWS CORONA PARK CHILDREN FARM- EDU. BARN/SILO	2,960	190,600	6,700
986	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - LLAMA BARN	723	46,600	1,600

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1028	CENTRAL PARK RUSTIC STONE ARCH - 126	4,000	257,600	9,100
1029	CENTRAL PARK RUSTIC BRIDGE (30) - 223	4,000	257,600	9,100
1030	CENTRAL PARK BRIDGE 28 - 183	4,000	257,600	9,100
1031	CENTRAL PARK BRIDGE 27 - 182	4,000	257,600	9,100
1032	CENTRAL PARK BRIDAL PATH BRIDGE - 180	4,000	257,600	9,100
1033	CENTRAL PARK PINE BANK ARCH - 043	4,000	257,600	9,100
1034	CENTRAL PARK RUSTIC STONE ARCH - 186	4,000	257,600	9,100
1035	CENTRAL PARK ARCHWAY A -248	4,000	257,600	9,100
1041	CENTRAL PARK ARCH H - 255	4,000	257,600	9,100
1042	RIVERSIDE PARK COMFORT STATION @TEN MILE RIVER PLAYGROUND	1,135	73,100	2,600
1043	RIVERSIDE PARK COMFORT STATION @CLAREMONT PLAYGROUND	400	0	19,900
1044	RIVERSIDE PARK COMFORT STATION @PARK HOUSE	740	47,700	1,700
1047	RIVERSIDE PARK COMFORT STATION @NEUFELD PLAYGROUND	400	0	19,900
1048	CENTRAL PARK ENTRANCE BRIDGE - 46C	4,000	257,600	9,100
1049	CENTRAL PARK ENTRANCE BRIDGE - 046B	4,000	257,600	9,100
1050	CENTRAL PARK MARBLE ARCH BRIDGE - 046A	4,000	257,600	9,100
1052	CENTRAL PARK ARCH J - 257	4,000	257,600	9,100
1058	RIVERSIDE PARK 79TH ST. MARINA - 0007	768	49,500	1,700
1059	RIVERSIDE PARK SOLDIERS / SAILORS MEMORIAL BLDG	1,963	126,400	4,500
1060	RIVERSIDE PARK GREECIAN PAVILION - 0028	1,400	90,200	3,200
1061	RIVERSIDE PARK COMFORT STATION @DINOSAUR PARK	442	16,000	6,000
1062	RIVERSIDE PARKS ENFORCEMENT BLDG	1,620	104,300	3,700
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	82,300	2,900
1118	ST. MARY'S PARK COMFORT STATION	1,604	103,300	3,700
1119	ST. MARY'S PARK SHED	100	0	5,000
1120	VAN CORTLANDT PARK ROCKWOK COMFORT STATION - 0003	600	38,600	1,400
1121	VAN CORTLANDT PARK MANSION COMFORT STATION - 0005	2,176	140,100	5,000
1123	VAN CORTLANDT PARK CLUBHOUSE AND RANGER STA. - 0008	9,290	598,300	21,200
1124	VAN CORTLANDT PARK GOLF MAINTENANCE - 0009	968	62,300	2,200
1127	PELHAM BAY PARK OFFICE AND GARAGE BLDG - 0001	7,579	488,100	17,300
1128	PELHAM BAY PARK TRACTOR STORAGE - 0002	8,400	541,000	19,100
1129	PELHAM BAY PARK SHOP STORAGE MATERIALS - 0003	4,372	281,600	10,000

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1130	PELHAM BAY PARK TURTLE COVE CONCESSION - 0004	2,130	137,200	4,900
1131	PELHAM BAY PARK BARTOW CARRIAGE HOUSE - 0006	2,591	166,900	5,900
1132	PELHAM BAY PARK CART STORAGE - 0008	2,880	185,500	6,600
1133	PELHAM BAY PARK CART UTILITY - 0009	1,000	64,400	2,300
1134	PELHAM BAY PARK COURSE CONCESSION - 0010	1,070	68,900	2,400
1135	PELHAM BAY PARK SPLIT ROCK PUMP HOUSE - 0011	560	36,100	1,300
1136	PELHAM BAY PARK PELHAM PUMP HOUSE - 0012	224	0	11,200
1137	PROSPECT PARK TOLL GATE - 0050	24	0	1,200
1139	PROSPECT PARK SHELTER AT GATE - 0047	779	50,200	1,800
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	41,200	1,500
1149	HIGHLAND PARK FORM STORAGE SHED - 03	300	0	14,900
1151	CENTRAL PARK CONCESSION STAND - 218	196	0	9,800
1152	CENTRAL PARK CONCESSION BUILDING - 216	196	0	9,800
1153	CENTRAL PARK CONCESSION STAND - 0987	252	0	12,600
1155	CENTRAL PARK CHESS AND CHECKERS BLDG - 019	722	46,500	1,600
1156	CENTRAL PARK BOATHOUSE EAST - 217	1,920	123,700	4,400
1157	CENTRAL PARK BOATHOUSE (MODEL BOATS) - 098	4,982	320,900	11,300
1158	PROSPECT PARK SHELTER - 0048	403	0	20,100
1159	BRONX PARK WARING COMFORT STATION - 0004	600	38,600	1,400
1160	BRONX PARK ABRAMS COMFORT STATION - 0005	450	16,300	6,100
1161	BRONX PARK BRADY COMFORT STATION - 0006	288	0	14,300
1163	MARINE PARK GOLF COURSE STORAGE AND MAINT BLDG	3,421	220,300	7,800
1164	DYKER BEACH PARK COMFORT STATION AND STORE - 03A	585	37,700	1,300
1165	INWOOD HILL PARK ADMINISTRATION BUILDING - 0005	2,684	172,900	6,100
1166	INWOOD HILL PARK EVAN FRANKLIN BOAT HOUSE - 0007	770	49,600	1,800
1168	INWOOD HILL PARK COMFORT STATION	1,036	66,700	2,400
1169	HIGHLAND PARK COMFORT STATION	1,260	81,100	2,900
1179	BRONX PARK ROSEWOOD COMFORT STATION - 0003	600	38,600	1,400
1766	PROSPECT PARK SHELTER AT GATE - 047A	779	50,200	1,800
1767	PROSPECT PARK ZOO - ADMINISTRATION BLDG.	9,170	590,600	20,900
1768	PROSPECT PARK ZOO - REFRESHMENT STAND	4,052	261,000	9,200
1779	RUFUS KING PARK COMFORT AND STORAGE BLDG.	4,460	287,200	10,200
1780	LIBERTY PARK TOT POOL	600	38,600	1,400
1781	LIBERTY PARK WADING POOL	2,204	141,900	5,000

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1782	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	7,174	462,000	16,300
1783	ROCKAWAY BEACH AND BOARDWALK COMFORT STATION	1,224	78,800	2,800
1784	DOUGLASTON PARK GOLF COURSE STORAGE BLDG.	1,800	115,900	4,100
1785	PROSPECT PARK PAVILION - 016A	2,136	137,600	4,900
1786	PROSPECT PARK ZOO - ENTRANCE TO ZOO	400	0	19,900
1788	PROSPECT PARK COMFORT STATION AND STORAGE-020A	1,656	106,700	3,800
1789	PROSPECT PARK GUARD SHACK - 025I	80	0	4,000
1801	CLEARVIEW PARK AND GOLF COURSE GOLF CARTSHED	2,886	185,900	6,600
1802	CLEARVIEW PARK AND GOLF COURSE SHED	1,089	70,100	2,500
2610	TREMONT PARK COMFORT STATION	441	16,000	6,000
2611	MARCUS GARVEY MEMORIAL PARK COMFORT STATION	2,300	148,100	5,200
2639	CLEARVIEW PARK AND GOLF COURSE PUMPHOUSE BLDG.	600	38,600	1,400
2680	VAN CORTLANDT PARK SHANDLER COMFORT STATION - 0012	400	0	19,900
2699	TOMPKINS SQUARE PARK POOL	840	54,100	1,900
2701	FOREST PARK OVERLOOK MAINT AND COMFORT ST-02	560	36,100	1,300
2702	CUNNINGHAM PARK DISTRICT OFFICE - 0004	2,216	142,700	5,000
2703	FORT TRYON PARK FIELD HOUSE BLDG C - 06	600	38,600	1,400
2704	FORT TRYON PARK CONCESSION STAND - 0004	4,164	268,200	9,500
2705	PELHAM BAY PARK 18 RODMAN ADMINISTRATION - 0018	3,200	206,100	7,300
2709	BRONX PARK ALLERTON COMFORT STATION - 0002	864	55,600	2,000
2711	FOREST PARK GREENHOUSE MAINTENANCE - 23	1,672	107,700	3,800
2712	PELHAM BAY PARK CLASSROOM 1B - 0024	1,000	64,400	2,300
2716	CENTRAL PARK COMFORT STA. AND STORAGE - 169A	378	0	18,800
2717	FLUSHING MEADOWS CORONA PARK PITCH AND PUTT GOLF BUILDING	1,000	64,400	2,300
2718	HAMILTON FISH PARK COMFORT STATION	1,027	66,100	2,300
2720	COMMODORE JOHN BARRY PARK INTERMEDIATE POOL	6,177	397,800	14,100
2723	FLUSHING MEADOWS CORONA PARK QUEENS ZOO - FARM ENTRANCE BOOTH	36	0	1,800
2724	MANHATTAN BEACH PARK UMBRELLA STAND	612	39,400	1,400
2725	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM - GOAT SHED	231	0	11,500
2730	RIVERSIDE PARK COMFORT STATION @RIVER RUN PLAYGROUND	1,135	73,100	2,600
2776	LIBERTY PARK INTERMEDIATE POOL	4,500	289,800	10,200

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2849	FLUSHING MEADOWS CORONA PARK CHILDRENS FARM- STABLE/TOOL SHED	1,140	73,400	2,600
13621	KISSENA CORRIDOR PARK WEST COMFORT STATION	400	0	19,900
13622	PARADE GROUNDS PARK COMFORT STATION	480	17,400	6,500
13623	PARADE GROUNDS PARK CONCESSION STAND	480	17,400	6,500
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	44,100	1,600
13627	PARADE GROUNDS PARK DUGOUT #2	685	44,100	1,600
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	40,100	1,400
13634	SETON FALLS PARK COMFORT STATION	400	0	19,900
13635	ROY WILKINS PARK COMFORT STATION	1,200	77,300	2,700
13671	LINCOLN TERRACE PARK SHED	600	38,600	1,400
13672	LINCOLN TERRACE PARK COMFORT STATION	875	56,400	2,000
13673	SEASIDE-ASSER LEVY PARK BANDSHELL	2,250	144,900	5,100
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	104,700	3,700
13678	BAISLEY POND PARK COMFORT STATION # 1	925	59,600	2,100
13679	BAISLEY POND PARK COMFORT STATION # 2	750	48,300	1,700
13680	BAISLEY POND PARK COMFORT STATION # 3	600	38,600	1,400
13681	BAISLEY POND PARK NORTH EXTENTION COMFORT STATION	400	0	19,900
13682	BAISLEY POND PARK SOUTH EXTENTION COMFORT STATION	875	56,400	2,000
13683	HERMAN A. MACNEIL PARK COMFORT STATION	288	0	14,300
13684	FRANK GOLDEN PARK COMFORT STATION	1,230	79,200	2,800
13685	SPRINGFIELD PARK HOUSE AND COMFORT STATION	1,463	94,200	3,300
13686	SPRINGFIELD PARK COMFORT STATION	400	0	19,900
13687	FORT GREENE PARK VISITORS CENTER	2,000	128,800	4,600
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	275,600	9,700
13691	SEASIDE-ASSER LEVY PARK COMFORT STATION	400	0	19,900
13705	WILLOWBROOK PARK COMFORT STATION	3,602	232,000	8,200
13706	WILLOWBROOK PARK STORAGE SHED	156	0	7,800
13749	FORT TOTTEN - BLDG. # 211 WILLETS FARM HOUSE	6,915	445,300	15,700
13782	FORT TOTTEN - BLDG. # 604 NYPD OFFICES	9,812	631,900	22,300
13902	KISSENA CORRIDOR EAST COMFORT STATION	600	38,600	1,400

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
13903	CLEARVIEW GOLF AND COUNTRY CLUB STORAGE SHED (OLD PUMP HOUSE)	429	15,600	5,800
13904	CLEARVIEW GOLF AND COUNTRY CLUB STORAGE AND MAINTENANCE BLDG	1,500	96,600	3,400
13905	DOUGLSTON GOLF COURSE MAINTENANCE AND STORAGE BLDG.	676	43,500	1,500
13906	SHORE ROAD PARK MAINTENANCE AND STORAGE BLDG.	1,557	100,300	3,500
13907	SHORE ROAD PARK MAINT/STORAGE AND COMFORT STA.	3,220	207,400	7,300
13908	SHORE ROAD PARK COMFORT STATION	1,600	103,000	3,600
13909	OWLS HEAD PARK MILLENIUM SKATE PARK KIOSK	90	0	4,500
13910	OWLS HEAD PARK COMFORT STATION	990	63,800	2,300
13911	BENSONHURST PARK STORAGE BLDG @ TENNIS COURT	418	15,200	5,700
13912	BENSONHURST PARK BRIDGEVIEW RAQUET CLUB HOUSE	4,500	289,800	10,200
13913	BENSONHURST PARK COMFORT STATION / OFFICE BLDG.	3,420	220,300	7,800
13914	FRANZ SIGEL PARK STORAGE BLDG/COMFORT STATION	1,458	93,900	3,300
13915	FRANZ SIGEL PARK COMFORT STATION	480	17,400	6,500
13916	HARRIS PARK COMFORT STATION / STORAGE BLDG.	2,288	147,400	5,200
13918	SOUND VIEW PARK STORAGE SHED	400	0	19,900
13973	EAST RIVER PARK COMFORT STATION	480	17,400	6,500
13974	RED HOOK RECREATION AREA COMFORT STATION	1,312	84,500	3,000
13975	DYKER BEACH PARK STEEL MAINT BLDG.	2,700	173,900	6,100
13976	DYKER BEACH PARK GOLF CART GARAGE	2,970	191,300	6,800
13977	DYKER BEACH PARK OLD STONE MAINTENANCE BUILDING	800	51,500	1,800
13978	DYKER BEACH PARK PUMP HOUSE	650	41,900	1,500
13980	DYKER BEACH PARK MULTI- PURPOSE BUILDING	4,848	312,200	11,000
13981	KISSENA PARK STORAGE SHED	900	58,000	2,000
14012	EAST RIVER PARK ELECTRICAL SHED	64	0	3,200
14031	MORNINGSIDE PARK COMFORT STATION AND STORAGE	1,060	68,300	2,400
14032	ASSER LEVY PARK INTERMEDIATE POOL	5,400	347,800	12,300
14033	ASSER LEVY PARK WADING POOL	1,042	67,100	2,400
14035	CENTRAL PARK LASKER WADING POOL	921	59,300	2,100
14036	TONY DAPOLITO RECREATION CENTER DIVING POOL	1,645	105,900	3,700
14037	TONY DAPOLITO RECREATION CENTER	5,000	322,000	11,400
14039	ABE LINCOLN PLAYGROUND MINI POOL	800	51,500	1,800
14040	THOMPSON ST (VESUVIO PLAYGROUND) MINI POOL	800	51,500	1,800
14041	FREDERICK DOUGLASS PLAYGROUND MINI POOL	800	51,500	1,800
14042	CROTONA PARK OLYMPIC POOL	39,600	2,550,300	90,200

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**DEPT. OF PARKS & RECREATION - 846**

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
14043	CLAREMONT PARK WADING POOL	576	37,100	1,300
14044	E 174TH STREET PLAYGROUND WADING POOL	800	51,500	1,800
14045	EDENWALD PLAYGROUND MINI POOL	800	51,500	1,800
14046	DOUGLASS AND DEGRAW PLAYGROUND INTERMEDIATE POOL	4,500	289,800	10,200
14047	DOUGLASS AND DEGRAW PLAYGROUND WADING POOL	576	37,100	1,300
14048	DAVID FOX PLAYGROUND MINI POOL	800	51,500	1,800
14049	GLENWOOD HOUSES PLAYGROUND MINI POOL	800	51,500	1,800
14050	LINDOWER PARK MINI POOL	800	51,500	1,800
14051	JESSE OWENS PLAYGROUND MINI POOL	800	51,500	1,800
14052	PARHAM PLAYGROUND ADELPHI MINI POOL	800	51,500	1,800
14053	FORT TOTTEN PARK INTERMEDIATE POOL	4,525	291,400	10,300
14055	FORT TOTTEN PARK WADING POOL (ROUND)	314	0	15,600
14056	MARIE CURIE PARK WADING POOL	800	51,500	1,800
14057	CASTLEWOOD PLAYGROUND WADING POOL	800	51,500	1,800
14058	LAWERENCE VIRGILIO PLGD. WINDMULLER PARK WADING POOL	800	51,500	1,800
14059	ASTORIA HEIGHTS PLAYGROUND JHS 10 WADING POOL	800	51,500	1,800
14060	LAWRENCE C. THOMPSON MEM. PARK WEST BRIGHTON WADING POOL	576	37,100	1,300
14061	LAWRENCE C. THOMPSON MEM. PARK WEST BRIGHTON INTERMEDIATE POOL	4,500	289,800	10,200
14062	GRANDVIEW PLAYGROUND MARINERS HARBOR MINI POOL	800	51,500	1,800
14063	GENERAL DOUGLAS MACARTHUR PARK MINI POOL	800	51,500	1,800
14064	STAPLETON PLAYGROUND PS 46 PLGD MINI POOL	800	51,500	1,800
14065	OLDTOWN PLAYGROUND PS 46 PLAYGROUND MINI POOL	800	51,500	1,800
14103	BREUKELLEN PLAYGROUND COMFORT STATION	400	0	19,900
14104	BREUKELLEN BALLFIELDS STORAGE BUILDING	400	0	19,900
14105	BREUKELLEN PLAYGROUND UTILITY SHED	81	0	4,000
14106	FRANCIS LEWIS PARK COMFORT STATION	581	37,400	1,300
14107	COMMODORE JOHN BARRY PARK COMFORT STATION	847	54,600	1,900
14114	COMMODORE JOHN BARRY PARK MEN'S BATHHOUSE	2,304	148,400	5,200
14115	COMMODORE JOHN BARRY PARK ADMIN. BLDG AND COMFORT STATION	576	37,100	1,300
14116	COMMODORE JOHN BARRY PARK WOMEN'S BATHHOUSE	1,728	111,300	3,900
14122	MARINE PARK STORAGE SHED	600	38,600	1,400
14123	MARINE PARK GOLF COURSE PUMP HOUSE	584	37,600	1,300
14201	FLUSHING MEADOWS CORONA PARK COMFORT STATION @ EDERLE TERRACE	1,728	111,300	3,900

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<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
14202	FLUSHING MEADOWS CORONA PARK CAROUSEL COMFORT STATION	960	61,800	2,200
14203	FLUSHING MEADOWS CORONA PARK COMFORT STATION WORLDS FAIR PLGD	864	55,600	2,000
14204	FLUSHING MEADOWS CORONA PARK CAROUSEL BUILDING	3,420	220,300	7,800
14205	SETON PARK TENNIS KIOSK	163	0	8,100
14206	SETON PARK COMFORT STATION AND MAINT. BLDG.	783	50,400	1,800
14207	LEIF ERICSON PARK AND SQUARE COMFORT STATION AND OFFICE	850	54,700	1,900
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	16,800	6,300
14329	INWOOD HILL PARK RETAINING WALL SOUTH WALL OF NB HH PKWY	770	49,600	1,800
14356	HIGHLAND PARK COMFORT STATION	420	15,200	5,700
14357	JACKIE ROBINSON PARK COMFORT STATION	500	18,100	6,800
14358	CUNNINGHAM PARK COMFORT STATION	1,000	64,400	2,300
14359	CUNNINGHAM PARK TENNIS HOUSE	2,100	135,200	4,800
14360	HAMILTON FISH PARK POOL/BATHHOUSE	6,600	425,100	15,000
14361	FOREST PARK GOLF CLUB HOUSE	3,480	224,100	7,900
14362	HAMILTON FISH PARK WADING POOL	4,800	309,100	10,900
14364	RANDALLS ISLAND GOLF CENTER	3,700	238,300	8,400
14366	FORT TOTTEN - BLDG. # 429	4,096	263,800	9,300
14367	FORT TOTTEN - BLDG. # 430	4,096	263,800	9,300
14369	FORT TOTTEN - BLDG. # 634	4,612	297,000	10,500
14370	FORT TOTTEN - BLDG. # 633 THREE PORT GARAGE	2,359	151,900	5,400
14399	SARA D. ROOSEVELT PARK STORAGE/MAINT. BLDG.	6,024	388,000	13,700
14400	CROTONA PARK NATURE CENTER	3,596	231,600	8,200
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	144,300	5,100
14404	CROTONA PARK COMFORT STATION #1	600	38,600	1,400
14405	CROTONA PARK COMFORT STATION #2	600	38,600	1,400
14406	HIGHBRIDGE PARK GARAGE	720	46,400	1,600
14511	SILVER LAKE PARK TENNIS HOUSE AND ADMINISTRATION BLDG.	7,124	458,800	16,200
14512	SILVER LAKE PARK BANDSHELL	2,434	156,800	5,500
14538	MICHAELIS BAYSWATER PARK COMFORT STATION	600	38,600	1,400
14546	FLUSHING MEMORIAL FIELD COMFORT STATION AND STORAGE	3,110	200,300	7,100
14582	CLAREMAONT PARK NORTH COMFORT STATION	580	37,400	1,300

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<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
14583	CLAREMONT PARK SOUTH COMFORT STATION	925	59,600	2,100
14584	CLAREMONT PARK MEN'S BATH HOUSE	1,921	123,700	4,400
14585	CLAREMONT PARK WOMEN'S BATH HOUSE	1,921	123,700	4,400
14586	CLAREMONT PARK ADMINISTRATION BUILDING	625	40,200	1,400
14587	CLAREMONT PARK STORAGE SHED	100	0	5,000
14644	CANARSIE PARK FIELDHOUSE	4,180	269,200	9,500
14645	CANARSIE PARK MULTIPURPOSE BUILDING	3,000	193,200	6,800
14646	PARADE GROUNDS PARK TENNIS CENTER	2,820	181,600	6,400
14647	CANARSIE PARK PUMP HOUSE	275	0	13,700
14684	HIGHBRIDGE PARK RETAINING WALL CONC. RETAINING / PERIMETER WALL	709	45,700	1,600
14692	HIGHBRIDGE PARK RETAINING WALL CONCRETE FACED PREIMETER WALL	1,940	124,900	4,400
14694	HIGHBRIDGE PARK RETAINING WALL BRICK RETAINING / PERIMETER WALL	2,380	153,300	5,400
14696	HIGHBRIDGE PARK RETAINING WALL CONC. RETAINING / PERIMETER WALL	748	48,200	1,700
14708	HIGHBRIDGE PARK RETAINING WALL CUTSTONE W/ COPING RETAIN. WALL	7,894	508,400	18,000
14746	SPRING CREEK PARK COMFORT STATION	480	17,400	6,500
14747	LITTLE BAY PARK COMFORT STATION	800	51,500	1,800
14748	OCEAN PLAYGROUND COMFORT STATION	640	41,200	1,500
14749	FERRY POINT COMMUNITY PARK COMFORT STATION	600	38,600	1,400
14754	EAST RIVER PARK LOWER EAST SIDE ECOLOGY CENTRE	3,900	251,200	8,900
14755	EAST RIVER PARK AMPHITHEATRE	2,565	165,200	5,800
14815	CENTRAL PARK TICKETS/ ANNEX	1,780	114,600	4,100
14816	CENTRAL PARK SNOW LEOPARD HOLDING	2,200	141,700	5,000
14817	CENTRAL PARK ZOO - CHILDREN'S ZOO MECH. ROOM	400	0	19,900
14818	CENTRAL PARK DANA DISCOVERY CENTER	4,005	257,900	9,100
14819	CENTRAL PARK RAMBLE SHED	1,672	107,700	3,800
14820	CENTRAL PARK BENDHEIM PG COMFORT STATION	100	0	5,000
14821	CENTRAL PARK W 61ST STREET COMFORT STATION	1,020	65,700	2,300
14822	CENTRAL PARK BETHESDA COMFORT STATION	1,620	104,300	3,700
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	322,000	11,400
14826	CALVERT VAUX PARK DREIER OFFERMAN COMFORT STATION	690	44,400	1,600
14827	MARINE PARK COMFORT STATION AT SEBA PLAYGROUND	476	17,300	6,400
14828	FLUSHING MEADOW CORONA PARK WORLDS FAIR MARINA BOAT SHED	1,200	77,300	2,700

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<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
14838	CALVERT VAUX PARK COMFORT STATION	418	15,200	5,700
14839	CALVERT VAUX PARK OFFICE	512	18,600	6,900
14840	WOLFES POND PARK FIRST AID OFFICE	1,372	88,400	3,100
14841	WOLFES POND PARK COMFORT STATION AT WATERSIDE	1,372	88,400	3,100
14842	WOLFES POND PARK COMFORT STATION AND MAINT. BLDG.	2,070	133,300	4,700
14843	ALLEY POND PARK COMFORT STATION @ PS 213 PLAYGROUND	378	0	18,800
14844	ALLEY POND PARK COMFORT STATION HORATIO PLAYGROUND	407	0	20,300
14847	FDR BOARDWALK AND BEACH OFFICE AND ADMIN -2 PREFAB UNITS	1,372	88,400	3,100
14848	LEIF ERICSON PARK AND SQUARE COMFORT STATION	608	39,200	1,400
14851	BATTERY PARK NEW AMSTERDAM PAVILION SNACK BAR	874	56,300	2,000
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	67,400	2,400
14859	JUNIPER VALLEY PARK UTILITY SHED @ PULLIS FARM	119	0	5,900
14860	JUNIPER VALLEY PARK FIELD HOUSE AND STORAGE	636	41,000	1,400
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	19,100	7,100
14875	BATTERY PARK TABLE GREEN CAFE SOUTH	236	0	11,800
14933	BATTERY PARK TABLE GREEN CAFE NORTH	236	0	11,800

**Project : PARKS AND RECREATION**

<b>CAPITAL</b>	<b>FY 2019 - 2022</b>		<b>FY 2023 - 2028</b>	
Special Systems	197,708,000		231,706,000	
<b>EXPENSE</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Special Systems	3,567,000	3,567,000	3,567,000	3,567,000

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
4502	PARK UTILITIES WATER AND SEWER		275,185,000	11,008,000
4503	PARK UTILITIES ELECTRICAL		81,526,000	3,260,000
4504	PARK STREETS AND ROADS STREETS AND ROADS		72,703,000	0

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